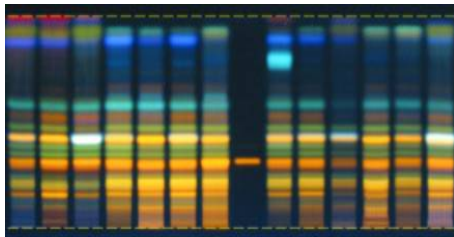


***National Workshop on***  
**“Developing Quality Monographs for**  
**Pharmacopoeia for Herbs and Herbal Products”**

**January 16-17, 2010**

**Venue:**  
**KP Basu Memorial Hall**  
**Jadavpur University**  
**Kolkata -700 032**



**JADAVPUR UNIVERSITY**



**IPC**



**APTI**



**NMPB**



***Organized by:***  
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***Sponsored by:***  
**National Medicinal Plants Board**  
**Ministry of Health & F. W.**  
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**New Delhi 110001**

***In Association with:***  
**Association of Pharmaceutical Teachers of India**  
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### ***Background of the Workshop***

Botanicals or phytomedicines have always been a major component of traditional system of healthcare in developing countries, which have also been an integral part of their history and culture. Besides widespread use of botanicals as medicinal products in developing countries, such products are becoming part of the integrative healthcare systems of industrialized nations, known as 'complementary and alternative system of medicines'.

Indian Pharmacopoeia Commission has incorporated 58 monographs on herbal drugs in its IP Edition 2007 with specific focus on development of monographs for quality of raw herbs, processed herbs and herbal products. Out of these, 39 monographs are on raw herbs, 3 on extracts, and a few finished products. The Committee on Herbs and Herbal Products (CDHPC) of the IPC has also developed many SOP's for ways of working, and these have received recognition from many pharmacopoeias like USP, BP etc. While these monographs provide objective assessable quality parameters for herbals, the IP has also provided many features by reproducing aspects like photograph of herb part, TLC profiles, and chromatograms as guidance to users.

There are some mandatory requirements to be fulfilled for the development of monographs for other most commonly used plants in India. The knowledge developed in the process by the CDHPC and the scientists involved; need to be cascaded to other scientists engaged in herbal research. This workshop may provide a platform for sharing the experience of CDHPC. Experts in this area will share their learning with examples and also discuss special features of herbal monographs in IP. Thus the objective of the workshop is to emphasize on development of quality monographs for Indian Pharmacopoeia. It is expected that the workshop will lead to promote and facilitate the development of monographs for herbal drugs and their integration all over the country.

### ***Objective of the workshop:***

***To train scientists to prepare quality monographs.***

### ***Benefit:***

Participants shall get an insight into the requirements for preparation of monographs for herbs & herbal products. Potential contributors to the development of monographs also will be identified. The workshop is expected to help speed up the development of validated quality standards, develop the overall capacity, avoid duplication and errors in preparation of monographs.

### ***Association of Pharmaceutical Teachers of India (APTI):***



Association of Pharmaceutical Teachers of India founded in 1966 by the pioneers of Pharmacy education in India, has strived for promotion of excellence in pharmacy education in India, creating better inter communication for upholding its mission and objectives. It is an association bringing together teachers of Pharmacy from all over the country on a single platform. With more than 5000 life members and a sizeable number of associate and student members, APTI has helped develop new technological methods and excellent standards in Pharma education. APTI

brings out two key publications viz. Indian Journal of Pharmaceutical Education and research (IJPER) and APTI bulletin.

### ***National Medicinal Plants Board (NMPB):***



It is a government agency which is responsible for co-ordination of all matters relating to medicinal plants, including drawing up policies and strategies for conservation, proper harvesting, cost-effective cultivation, research and development, processing, marketing of raw materials in order to protect, sustain and develop this sector.

### ***Indian Pharmacopoeial Commission (IPC):***



Established in the year 1965, the Indian Pharmacopoeial Commission (IPC) is an unique organization of the country situated in the National Capital about 20 km from New Delhi. It is an Autonomous Institution under the Ministry of Health & Family Welfare, Govt. of India dedicated to setting of standards for drugs, pharmaceuticals and healthcare devices/technologies etc besides providing Reference Substances and Training. With Herbal Products and Crude Drugs Committee, an expert committee of the IPC, the main focus currently is on development of quality standards for herbs and herbal products to be published as official monographs in pharmacopoeia.

**School of Natural Product Studies, Jadavpur University:**

Jadavpur University, Kolkata, established in 1955, is one of the leading universities in India. It offers a vast repertoire of courses and is well known for its commitment towards advancement in education and research. The School of Natural Product Studies (SNPS), Jadavpur University is dedicated towards promoting the knowledge and use of natural products through educational programs, research and sharing the experiences on scientific validation of natural products for the betterment of healthcare of the society. The main goal of this school is to empower individuals with the skills, spirit and experience needed for the natural product scientists. The School with its multidisciplinary approach has been involved for research in the area of drug discovery from natural resources [website: <http://www.jadavpur.edu>].



**Eligibility:** Professionals from different field of herbal research including:

- ❖ Registered manufacturers and NGOs engaged in manufacturing of herbal extracts/ products, ayurvedic medicines
- ❖ Marker compound manufacturers
- ❖ QA and QC personnel from herb testing laboratories
- ❖ Academia and researchers in the field of natural products chemistry, Pharmacognosy and allied fields

**Selection criteria:** Applications in the enclosed format may be emailed to the organizing secretary on or before December 01, 2009. All applications will be scrutinized by our expert panel & 60 suitable candidates will be selected for participation in the workshop. Decision of the experts with regard to selection of participants will be final. Limited travel support will be provided to outstation participants.

**Important dates:**

Last date for receipt of applications: December 01, 2009.

**Accommodation:** Outstation participants will be provided accommodation on twin sharing basis.

**Programme details:**

**Day 1, Saturday, January 16, 2010**

TIME	TOPIC
9.00-10.00 a.m.	Registration
10.00-11.00 a.m.	Inauguration
11-11.15 a.m.	TEA BREAK
11.15-11.45 a.m.	Lecture - I
11.45 – 12.15 a.m.	Lecture - II
12.15-12.45 p.m.	Lecture - III
12.45-1.15 p.m	Lecture - IV
1.15-2.00 p.m.	LUNCH BREAK
2.00-5.00 p.m.	Practical Demonstration

**Day 2, Sunday, January 17, 2010**

TIME	TOPIC
10.00-10.30 a.m.	Lecture - V
10.30-11.00 a.m.	Lecture - VI
11.00-11.15 a.m.	TEA BREAK
11.15-11.45 p.m.	Lecture - VII
11.45 – 12.15	Lecture -VIII
12.15-1.15 p.m.	PANEL DISCUSSION
1.15-2.00 p.m.	LUNCH BREAK
2.30 pm-5.00 p.m.	Practical Demonstration

### Association of Pharmaceutical Teachers of India

H.Q: Al-Ameen College of Pharmacy, Opp. Lalbagh Main gate, Hosur Main Road,  
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#### National Coordinator:

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Hindustan Lever Research Center, Unilever Research India

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Dr. Tuhinadri Sen

#### Organizing Secretary:

Dr. Pulok K. Mukherjee

#### For further details contact:

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Telefax: 033 2414 6046, E-mail: [natprodpk@yahoo.com](mailto:natprodpk@yahoo.com)  
Web: [www.jadavpur.edu](http://www.jadavpur.edu)

[Detail information on this programme is also available at [www.aptiindia.org](http://www.aptiindia.org) and [www.jadavpur.edu](http://www.jadavpur.edu)]

*Application Format*

**“Developing Quality Monographs for Pharmacopoeia  
for Herbs and Herbal Products”**

**Organized by  
School of Natural Product Studies, Jadavpur University, Kolkata**

**Jointly with  
National Medicinal Plants Board (NMPB), New Delhi and  
Association of Pharmaceutical Teachers of India (APTI), Bangalore**

**In collaboration with  
Indian Pharmacopoeia Commission (IPC), New Delhi**

**January 16-17, 2009, Kolkata**

1. **Name and Designation of the Applicant:**.....  
.....
2. **Email ID**.....**Mob. No.**.....
3. **Name and Address of the Organization**.....  
.....  
.....
4. **Responsibility in the organization**
  - Quality Assurance
  - Research
  - Formulation development
  - Regulatory
  - Pharmacognostic studies
  - Analysis
  - Clinical Studies
  - Any other (please specify)
5. **In not more than five sentences, describe your work pertaining to herbals/ natural products. (If required attach additional sheets).**  
.....  
.....  
.....
6. **Papers/Articles/Books published (related to herbals/ natural products) (If required attach additional sheets).**  
.....  
.....
7. **State whether interested in actively participating in developing herbal monographs for Indian Pharmacopoeia.**  
.....  
.....

**Full signature of the applicant**

**Place & Date:**

**Forwarded by the Head of the  
Dept/Institute/Organization**