

Organizing Committee

IPC Scientific Team

Dr. R.S. Raghuvanshi
Secretary-cum-Scientific Director

Dr. Jai Prakash
Sr. Principal Scientific Officer

Dr. V. Kalaiselvan
Principal Scientific Officer

Mrs. Ritu Tiwari
Scientific Assistant

Dr. Shatrunjay Shukla
Scientific Assistant

Dr. Amit Kumar
Pharmacopoeial Scientist

Mr. Mayank Shukla
Pharmacopoeial Associate

Mr. Mujeeb Ur Rehman
Pharmacopoeial Associate

Resource Persons

Dr. Vidhu Aeri
Professor
Jamia Hamdard University
New Delhi

Dr. R. Sathishkumar
Professor
Bharathiar University
Coimbatore

Dr. V. Sundaresan
Principal Scientist
CSIR-CIMAP, Research Centre
Bengaluru

Dr. U.V. Babu
Head, Phytochemistry - R&D
The Himalaya Drug Company
Bengaluru

Dr. Seethapathy G.S.
Post Doctoral Fellow
University of Mississippi
USA

Venue

Module I (Webinar)

Phytopharmaceutical Division
Indian Pharmacopoeia Commission,
Ghaziabad, Uttar Pradesh

Module II (Hands on Training)

Plant Genetic Engineering Lab
Bharathiar University,
Coimbatore, Tamil Nadu

Registration Form

Hands on Training on
*Application of DNA Barcoding in Indian Pharmacopoeia
Monographs: Special Emphasis on Herbal and
Phytopharmaceutical Drugs*

4th March 2021

Google Form Template

First Name: _____

Last Name: _____

Current Employment/Position: _____

Organization: _____

Address: _____

E-mail: _____

Mobile No.: _____

Amount: _____

Transaction ID (NEFT No.) & Date: _____

Detail of Payment:

Name of Account: Indian Pharmacopoeia Commission

Name of Bank: Bank Of Baroda

Branch: Sanjay Nagar

Account Number: 21860100013540

IFSC Code: BARB0SANGHA

Registration Form may be filled through given link:

https://docs.google.com/forms/d/e/1FAIpQLSdTb1T91ENAHXaZJONw_PiSgAY9ZzXDnN9_TVhjnLK-g9beNw/viewform

Confirmation of participation will be e-mailed to the address listed on your registration form.

For any query please contact:

Phytopharmaceutical Division, Indian Pharmacopoeia
Commission, Ghaziabad.

E-mail: phytoipc.gov@gmail.com



Organized By

Indian Pharmacopoeia Commission
Ministry of Health & Family Welfare
Government Of India, Ghaziabad

&

Plant Genetic Engineering Laboratory
Bharathiar University
Coimbatore, Tamil Nadu

Hands on Training

*Application of DNA Barcoding
in Indian Pharmacopoeia
Monographs: Special
Emphasis on Herbal and
Phytopharmaceutical Drugs*

4th March 2021
(02:30 PM – 05:30 PM)



Objective

The objective of this training is:

1. To sensitize the participants about the incorporation of recent molecular technique “DNA Barcoding” for ensuring the authenticity and quality of herbal drugs and phytopharmaceutical monograph.
2. To provide basic understanding and applications of DNA Barcoding in ensuring the authenticity and quality of herbal drugs and phytopharmaceutical monograph.

About the Training

The training will be conducted in two modules:

Module I - Webinar (4th March 2021) will consist of lectures that are required for the sensitization to the stakeholders, Industry & Academicians. The module also focuses on the development of monographs as well as the incorporation of DNA Barcoding technique for maintaining the authenticity of Herbal and Phytopharmaceutical Monographs.

Module II – Hands on Training (Date and Registration procedure will be announced later) will be two days hands on training on the development of DNA Barcode for the Herbal Monographs. This module will be conducted either in virtual of physical mode at Plant Genetic Engineering Laboratory, Department of Biotechnology, Bharathiar University, Coimbatore, Tamil Nadu.

The participants (Total 35) for module II will be selected from the list of participants who had participated in module I.

Experts/ Resource Persons for the Training:

- Indian Pharmacopoeia Commission
- Associated Academic/Research Institutes
- Herbal Industries

About Indian Pharmacopoeia Commission

Indian Pharmacopoeia Commission (IPC) is an Autonomous Institution of the Ministry of Health and Family Welfare, Govt. of India. IPC is created to set standards of drugs in the country and update them regularly. It publishes official documents for improving Quality of Medicines by way of adding new and updating existing monographs in the form of Indian Pharmacopoeia (IP). It further promotes rationale use of generic medicines by publishing National Formulary of India. IP prescribes standards for identity, purity and strength of drugs essentially required from health care perspective of human beings and animals. IPC also provides IP Reference Substances (IPRS) which act as a fingerprint for identification of an article under test and its purity as prescribed in IP. The work of the IPC is performed in collaboration with members of the Scientific Body, subject experts as well as with representatives from Central Drugs Standard Control Organization (CDSCO), State Regulatory authorities, specialist from Industries, Associations, Councils and from other Scientific and Academic Institutions. IP has legal status under the Second Schedule of the Drugs & Cosmetic Act, 1940 and Rules 1945 there under.

About Bharathiar University

The Bharathiar University was established at Coimbatore by the Government of Tamil Nadu in February, 1982 under the provision of the Bharathiar University Act, 1981 (Act 1 of 1982). The Postgraduate Centre of the University of Madras, which was functioning in Coimbatore before 1982 formed the core of the Bharathiar University. In May, 1985 the University received the recognition from University Grants Commission (UGC) New Delhi for the purpose of grants. The University named after the great national poet Subramania Bharathi is enshrined with the motto “Educate to Elevate”. In the University, every effort is harnessed to realize his dream of making educational institutions as temple of learning. It is the aim of the University to participate in the task of inculcating necessary Knowledge, Skills and Creative Attitudes and values among the youth of the country to contribute more effectively towards establishing an equitable social and economic and secular ideal of our nation. Plant Genetic Engineering Laboratory (PGEL) was established in 2005 within the Department of Biotechnology, Bharathiar University. The thrust areas of the lab are Plant Molecular Farming, Metabolic Engineering and DNA Barcoding.

Who should attend?

This Hands on Training will be useful for:

- Professionals (QC/ Regulatory Affairs/ R&D) working in Pharmaceuticals/ Herbal drugs/ Phytopharmaceutical Industries.
- Academicians & Researchers working in any related disciplines.
- Professionals working in Inter-disciplinary Areas in Herbal Industries.

Expected Outcome

This Training will help participants to

- Developing skills and knowledge of the relevant field.
- Relevant organization/s in gradually adopting and implementing the DNA Barcoding method for overall promoting the quality of herbal and phytopharmaceutical drugs.

Registration Fee for Module I

- Industry Personnel INR 1,000 + 18% GST per participant.
- Academicians INR 500 + 18% GST per participant.
- The maximum of 100 participants will be allowed for Module I, of which 15 seats are reserved for Central Govt./State Govt./Regulatory Bodies Employees on first come first service basis.
- Certificates will be provided to the participants.

Last Date for Registration

3rd March 2021

**The registration process shall be closed before due date in case, the required number of applications received.*