

# INFORMATION BROCHURE

## *National workshop on*

### **“Analytical chromatography techniques for quality & efficacy Assessment of Medicinal plant resources (IBSD-SAPB)”**

**November 24-28, 2025**

*Organized by:*



**BRIC-Institute of Bioresources and Sustainable Development  
(BRIC-IBSD)**

**ब्रिक-जैव संसाधन एवं स्थायी विकास संस्थान (ब्रिक-आई बी एस डी)**

**Takyelpat, Imphal 795001, Manipur, India**

**[www.ibsd.gov.in](http://www.ibsd.gov.in)**



**Venue: Conference Hall, BRIC-IBSD, Imphal 795001, Manipur, India**

## About the Program:

North-eastern region of India (NER) is well known for its rich bio-diversity including the plant bioresources. The indigenous communities of this region are still continuing traditional practices by using herbal preparations for managing human health as a primary healthcare system. Medicinal plants contain chemically classified and therapeutically active diverse phytochemicals, which are of greater importance for the development of leads. Hence, the identification of phytochemicals from these plant resources may be considered as treasure for the development of alternative therapeutics.

Quality evaluation through sophisticated chromatographic techniques of these traditional traits is essential for ensuring its safety, efficacy, and reproducibility in batch to batch products. The chromatographic technique is an advanced form which has been proved for both quantitative and qualitative analysis of unidentified phytoconstituents in the extracts/ complex formulations. The chromatographic techniques make it possible to get broad chemical profiles of herbal extracts/medicine/formulations towards its safety, quality evaluation, and scientific validation.

This workshop is designed to provide a comprehensive understanding of advanced analytical methodologies used in the assessment, standardization, and quality control of plant-based bioresources. This program brings together experts, researchers, academicians, and industry professionals for an immersive experience in the application of high-end instrumentation for natural product research and phytochemical analysis.

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## BRIC-INSTITUTE OF BIORESOURCES AND SUSTAINABLE DEVELOPMENT (BRIC-IBSD)



**BRIC-Institute of Bioresources and Sustainable Development (BRIC-IBSD)** is an autonomous Institute under Biotechnology Research and Innovation Council (BRIC), Department of Biotechnology, Ministry of Science and Technology, Govt. of India. Imphal, Manipur, having its presence in Gangtok, Sikkim; Aizawl, Mizoram; and Shillong, Meghalaya. The institute is working on Bioresources development and their sustainable use through biotechnological interventions for the socio-economic growth of the region with the major goal of scientific management of bioresources in the Indian region falling under Indo-Burma Biodiversity Hotspot. For further details please visit: [www.ibsd.gov.in](http://www.ibsd.gov.in)

### Targeted discipline and attendees

Participants will include faculty members, researchers from University/institutes/R&D organization, and industries from different NER states of India working in the field of medicinal plant research. Application for participation should be duly forwarded by the head of the organization/institute. Application will be evaluated by the committee and their decision will be considered as final.

### Registration & Accommodation:

- There is no Registration Fee. Interested candidate are requested to apply in the prescribed format.
- The total number of participants in this workshop is limited.
- Application should include a “statement of purpose”, stating how this workshop will help the applicant in his/her research with in 250 words.
- Application should be forwarded by the head of the organization.
- The duly signed registration form should be submitted within October 30, 2025.
- Participants have to make their own arrangements for accommodation. The organizing committee will be helping in getting hotels (on actual payment basis)

### Highlights of the Conference:

Eminent academicians, scientists, researchers, technologists, from universities, industries and other research organizations, will share their experiences on the following topics:

- Phytochemical Evaluation
- Standardization and quality control
- Quality related safety concern
- Bio-activity guided fractionation/isolation
- Therapeutic Evaluation
- Demonstration of HPLC, HPTLC, GC-MS, LC-MS/MS
- Training on HPLC, HPTLC, GC-MS, LC-MS/MS

*For more details, please contact:*

#### *Secretariat*

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**REGISTRATION FORM**

Name: Prof./Dr./Mr./Ms.-----

Gender: Male: ☐ Female: ☐ Country/ State: -----

Designation: -----

Institute/Organization: -----

Contact Address: -----

Tel/ Mob No: ----- E-mail: -----

Food Preference: Veg ☐ Non veg ☐

Statement of purpose (250 words max)—how this workshop can benefit your ongoing research work (please attach)

**Affix your  
Photo Here**

*Signature with date*

**Recommendation of supervisor (Please attach a recommendation letter with Signature & Seal of the Supervisor with this form):**

*Signature, seal with date*

**Duly filled form should be sent to [ibsd.training@gmail.com](mailto:ibsd.training@gmail.com)**

**Registration may also be done through the following link: <https://forms.gle/jUGXhN5xpoRTAbFG8>**



***For more details, please contact:***

***Secretariat***

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