

**Training Course in
Ethnobotany and Techniques on
Extraction of Secondary Metabolites**

March, 12 – 16, 2019

Registration Form

Name:.....

Designation:.....

Affiliation:.....

Mailing address:.....

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Mobile No:.....

E. mail id.: ,.....

Accommodation required: Yes/ No

Details of Bank Draft:

Name of the Bank

Place & Date

D.D. Number

Registration fee (Rs. 5000/-) must be deposited by Demand Draft in favour of "Registrar, Jiwaji University, Gwalior" payable at Gwalior

Date: Signature of the Delegate

(The D.D. of the Registration fee must be sent positively before 20th February, 2019 to the Course Director)

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Vice Chancellor

Course Director

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Co-Director

Prof. Avinash Tiwari

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March, 12 – 16, 2019**



**Organized by
S. K. Jain Institute of Ethnobiology
Jiwaji University, Gwalior (M.P.)**

Background of the Training Course

The subject of Ethnobotany has attracted world-wide attention during last three decades. Ethnobotanical studies have shown their relevance in search for new herbal drugs, useful germplasm, foods, tannins, dyes, new gadgets, tools, in economic development and conservation of natural resources and cultural heritage.

In India, many young botanists, teachers, foresters, environmentalists, plant breeders, phytochemists, Ayurveda or Unani physicians and others (in Council of Scientific and Industrial Research, Botanical Survey of India, Indian Council of Agricultural Research, Indian Council of Medical Research, Central Councils of Research in Ayurvedic, Siddha and Unani, universities) are working in this discipline. They are greatly handicapped for want of basic literature and instructions on field, herbarium, library and laboratory methodology. A large number of enquiries from all over the country keep coming seeking advice on this aspect and requesting reprints of papers where some methodology has been discussed.

Many papers on ethnobotany have been published during last 25-30 years. Whereas, some of them are very well written, many lacked clarity of concepts or precision in terminology and interpretations. Now a days a large number of secondary metabolites are being extracted from medicinal plants. Several modern techniques and instruments are being used for this purpose. Due to lack of facilities, many ethnobotanists are not exposed to such modern and authentic processes. It was thought that in order to make ethnobotanical work more methodical and critical, it will be useful to have a short Training Course to explain the concepts, methodology, scope and wide application of the subject.

Jiwaji University, Gwalior

Jiwaji University, Gwalior is a NAAC Accredited 'A' Grade university which occupies central position in this great educational hub. The university presently have over 45 teaching departments and more than 400 colleges affiliated to it. The university has a lush green eco-friendly sprawling campus, Dr. A.P.J. Abdul Kalam Central Instrumentation facilities with modern equipments, Multi Art and Sport Complex and the best infra structure in the state.

S.K. Jain Institute of Ethnobiology

The institute was founded by the eminent ethnobiologist Dr. S.K. Jain, FNA (Former Director, Botanical Survey of India) in 1995 at NBRI, Lucknow and later shifted to Jiwaji University, Gwalior in 2002. The institute treasures rare botanical archives, update literature on ethnobiology, tribal exhibits, a rich library and a good herbarium. A good number of research projects funded by various international and national agencies have been successfully conducted by the institute. The collection of rare and old books, reputed journals, monographs, tribal artifacts, photographs etc in the library of the institute is an important feature and attracts a large number of researchers for consultation. The herbarium of the institute also comprises the collection of a large number of plant species from various parts of the country. The collection of seeds

of over 250 angiospermic plant species has also been made by the institute. The institute is involved in regular organization of conferences, seminars and training programs.

Course Objectives

The Training Course shall be organized with following major objectives:

- The intense interdisciplinary nature of Ethnobiology.
- Methods of study in field and laboratory.
- Literature on the subject
- Current studies in India and some major centres abroad.
- Role of ethnobotanical research in improvement of agriculture, nutraceuticals and health care programmes.
- Techniques of extraction of secondary metabolites.
- Plant remains in archeological sites and plant motifs on ancient sculptures and monuments.
- Concept of conservation in the cultural heritage of India.
- Potential of the subject and future vistas in ethnobotany.
- Preparation and evaluation of research projects, scientific papers and technical reports.

Target Groups for the Course

- Teachers and research scholars in botany, floristics, herbal medicines, conservation and anthropology.
- Workers in pharmaceutical concerns and Ayurvedic Colleges.
- Research and administrative officers of forest, agriculture and environment departments.

In order to have better communication and exchange of thoughts, the number of participants including resource persons is limited to about forty.

Course Structure

The course will consist of lectures, sessions of practical work, discussions, and brief presentations by some participants. Arrangements will be made for a field trip to a tribal village. There will be a display of selected important literature on ethnobotany for perusal of participants. Effort will be made to procure some publications on Ethnobotany on concessional rates and make available (for personal use) on sale during the Course.

Offered Presentations

Delegates are encouraged to bring for display for distribution, adequate number of copies (about 50) of their publications or any publications of their institutions.

Delegates who wish to make presentations based on their own ethnobotanical work or their institutions through posters, specimens or brief (5 minutes ppt) talks, may inform in advance. One brief session may be devoted to such presentations and discussions on them.

Registration

Delegates whose Registration forms (and fees) are received in advance and accepted, will only participate. Course materials and detailed programme will be made available at the beginning of the course.

Registration Fee (Non-Refundable): Rs. 5000/-

The interested candidates must send their 'Registration Fee' along with filled 'Registration Form' positively before 20th February, 2019.

Registration fee be sent through bank draft in favour of 'Registrar, Jiwaji University, payable at Gwalior' and must reach to :

Prof. Ashok K. Jain

Course Director, Training Course

Institute of Ethnobiology, Jiwaji University, Gwalior – 474011 (M.P.)

Mob: 09425114344 , 7447099413 : Tel: 0751-2442771

General information:

Venue: S. K. Jain Institute of Ethnobiology, Jiwaji University, Gwalior (M.P.)- 474011

Dates: March, 12 – 16, 2019

Stay Arrangements

The stay arrangements of participants shall be made in the Jiwaji University Guest House/ hostels. Those who want to stay in hotels are requested to search the hotels on net and make their booking.

It will not be possible to provide accommodation to spouses/children or any other accompanying person. Such delegates will please make their own arrangements of boarding and lodging.

As advance payments and reservations have been done for accommodation etc, no refund from registration fee will be possible on this account.

Transport

Jiwaji University campus is situated at about 2 kms from the railway station/ Bus Stand. Delegates will please reach the respective guest House/ hostel (would be intimated later) by themselves by hiring an auto rickshaw, which charges approx. Rs. 50/- .