



PRE-CLINICAL DRUG DEVELOPMENT OF HERBAL PRODUCTS

CSIR-Central Institute of Medicinal and Aromatic Plants BROCHURE

CSIR-CIMAP(Central Institute of Medicinal and Aromatic Plants) Lucknow, a constituent Laboratory of CSIR is devoted to R& D activities, technology support and academics including Skill training/HR for the benefit of medicinal and aromatic plants (MAPs) cultivators and pharmaceutical industries in the country.

CSIR-CIMAP invites application for “Training programme on Pre-clinical development of herbal products” at its headquarter in Lucknow, as per the details given below:

Title of Course	:	Hands on training for pre-clinical development (Safety and efficacy) of herbal products
Duration	:	3 weeks
No. of seats	:	20
Educational Qualification	:	B.Tech/B.Pharm/ B.V.Sc/MBBS/ BAMS/ M.Pharm/ MD/ /M.V.Sc /M.Sc in biological Sciences or equivalent
Age Group	:	21-50 years
Date of Commencement	:	7 -27 th MARCH 2018 (3 rd Week)
Venue of the Course	:	CSIR-CIMAP, Lucknow
Course Fee	:	INR-20,000/-
Residential/ Non-residential	:	Non-residential
Contact Person	:	Dr DU Bawankule (0522-2718646)

Training for whom: The programme is targeted for individuals who desire to refresh/upgrade/acquire professional skills in the specific area of pre-clinical development of herbal products under the broad category of health sector.

Course Structure: The vocational course is practical intensive with ~30-32 hours hands on demonstrations and experiments per week and ~6-8 theoretical lectures per to understand the basic principle of pre-clinical drug development.

Laboratory is well equipped with most modern instruments, animal cell culture and animal house facility.

Management and Facility: Faculty for the courses have been drawn from a vast body of experts from CSIR-CIMAP, other CSIR labs, industry and other reputed educational bodies.

Selection Procedure: Depending on the number of applicants, the selection mode will have entrance test and or interview. Entrance exams are intended to judge the general aptitude of the candidate.

Methods for Instructions: Instruction methods will involve one to one interaction along with demonstration and hands on practice. Further, the trainees would be exposed to laboratory animal set ups of the other CSIR labs at Lucknow. Medium of instruction will be in English.

Sponsorship: Established industrial houses are welcome to sponsor candidates of their interest. In the selection modality, a special weightage will be provided to the candidates sponsored by established industries and non-profit making social organizations.

SAILENT FEATURE OF THE TRAINING:

- 20% Theory and 80% Practical sessions as per the course curriculum.
- Tutorials, lectures assisted with models and multimedia aids.
- Interactive sessions
- Hands on practical exposure on the state of the art equipment/machinery.
- CSIR lab visits.
- Additional inputs on soft skill and personality development.
- Guest lectures from experts in this field.

EVALUATION OF TRAINEES: Evaluation will consist of the following components:

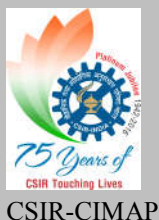
THEORY COURSE:

- (a) Continuous assessment through assignments and test (50%)
- (b) Term and examination (50%)

PRACTICAL COURSES:

- (a) Guided Experiments (30%)
- (b) Unguided Experiments (70%)

CERTIFICATION: Certificate will be issued to the successful candidate for the course taken by the candidates by CSIR-CIMAP.



For further information please contact :

Director,

CSIR-Central Institute of Medicinal and Aromatic Plants

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