



Skill development training programme on

“Research Orientated Induction Training for Students”
Conducted by Phytochemistry division, CSIR-CIMAP, Lucknow



CSIR Integrated Skill Initiative



About CSIR-CIMAP

CSIR-Central Institute of Medicinal and Aromatic Plants (CSIR-CIMAP) is a premier multidisciplinary research institute of Council of Scientific and Industrial Research (CSIR), India with its major focus on exploiting the potential of medicinal and aromatic plants (MAPs) by cultivation, bio-prospection, chemical characterization, extraction, and formulation of bioactive phytochemicals. With a strength of 100 scientists, 162 technical officers, 129 support staff and nearly 300 doctoral and post-doctoral scholars at its HQ in Lucknow and research centers at Bengaluru, Hyderabad, Pantnagar, and Purara, CSIR-CIMAP has played a key role in positioning India as a global leader in production of mints, vetiver and other aromatic grasses, and in ensuring indigenous production of artemisinin-a WHO approved anti-malarial. CSIR-CIMAP houses a National Gene Bank on MAPs, which is one of the three of its kind in India.

Objective and scope

Detailed introduction to organic/ synthetic chemistry, catalytic reaction, types of column chromatography, flash column chromatography, hands on experience on various analytical techniques such as Nuclear Magnetic Resonance (NMR), High resolution mass spectrometry (HRMS), GC-MS, GC-FID, Distillation units etc.

Contents

- Natural Product Chemistry
- Medicinal Chemistry
- Essential oil-based processing technologies and value-addition
- Standardization and Quality Control of botanicals
- Characterization tool like NMR, HRMS, GC etc.

Eligibility criteria

Graduate students from chemical sciences /Pharmaceutical sciences /Medicinal chemistry
Maximum Limit- 60 participants

Important date

Registration date: 1st June 2026 till 30th June 2026
Duration of training: 16th July 2026 to 31th July 2026

Course Fee

A non-refundable course fee of ₹ 5000 (Rupees Two Thousand only) per person is applicable for students
Accommodation charges not included

Contact us

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Course coordinator

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Payment Details

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वै.औ.अ.प.-केंद्रीय औषधीय एवं सगंध पौधा संस्थान

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An Institute of National Importance under Council of Scientific & Industrial Research (CSIR),
Department of Science and Industrial Research, Ministry of Science and Technology, Government of India