



**Graphic Era**  
deemed to be **University**  
DEHRADUN

National Conference on

# Recent Advances in Medicinal and Aromatic Plant Biotechnology (MAPBio 2025)



November 10-12, 2025

Graphic Era (Deemed to be University)

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[link.geu.ac.in/mapbio](http://link.geu.ac.in/mapbio)



Brochure →

Organized by  
Department of Biotechnology, GEU





Ranked  
amongst Top  
Universities of India

48

#52 #52  
ENGINEERING CATEGORY MANAGEMENT CATEGORY

Source: NIRF 2025<sup>st</sup> Ranking  
Ministry of Education, Govt. of India



NAAC A<sup>+</sup>  
Grade Accredited

Source: National Assessment and  
Accreditation Council (NAAC)



07 NBA  
Accredited Courses

The only University in the region to  
have BTech. Biotechnology, CSE, ECE,  
ME , CE , EE and MBA accredited by NBA

Source: National Board of  
Accreditation (NBA)



UGC & AICTE

Programs Accredited by  
University Grants Commission (UGC) and  
All India Council for Technical Education  
(AICTE)





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# About the University

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**Graphic Era Deemed to be University is the culmination of the hard work of its visionary founder, Prof. (Dr.) Kamal Ghanshala, who had the dream to change the destiny of thousands of youths through quality and holistic education. In 1993, he embarked on the mission to transform the higher education landscape of the Doon Valley with twenty-nine thousand rupees in his pocket and loads of determination in his heart.**

**His vision gained concrete shape in 1996 in the form of the Graphic Era Institute of Technology (GEIT). In 2008, it was accorded the status of Deemed University under Section 3 of the UGC Act, 1956 vide Notification F.9-48/2007-U.3 (A) dated 14 August 2008 and approved by the Ministry of Human Resource Development, Government of India.**

Today, Graphic Era Deemed to be University stands tall as NAAC 'A+' accredited university with 7 NBA accredited programs and is ranked 48 amongst Top Universities of India by National Institutional Ranking Framework (NIRF), Ministry of Education with All India Rank 52 in the Engineering Category, All India Rank 52 in Management Category.

The premier university regards industry-academia partnership as an integral part of teaching methodology and curriculum and has taken big initiative in engineering programs by getting into partnerships with Tata Technologies and IBM. Moreover, it hosts Technology Business Incubator that funds, mentors and nurtures ideas, start-ups and technology-based entrepreneurship.

Graphic Era Deemed to be University has acquired transnational dimensions through student exchange and knowledge-sharing programs with many foreign universities and has been acclaimed and honored at international forums for its brilliance in upholding the highest standards of education. The alumni of Graphic Era are making their mark worldwide in marquee brands like Apple, Google, Microsoft, HSBC, to name a few and in the service of the nation in all wings of the Armed forces.

# About the Conference

The National Conference MAPBio 2025, themed "Recent Advances in Medicinal and Aromatic Plant Biotechnology," will be held from November 10-12, 2025 at Graphic Era (Deemed to be University), Dehradun, Uttarakhand, India. This conference aims to foster research and facilitate knowledge exchange in cutting-edge areas such as Plant Tissue Culture and Biodiversity Conservation, Genomic and Transcriptomic Insights, Stress Biology and Climate Resilience, Plant-Microbe Interactions, Plant Metabolites, Nutraceuticals and Phytomedicines, Sustainable Agriculture, Ecosystem Services, and the integration of AI, Machine Learning, and Digital Tools in MAP Biotechnology. MAPBio 2025 will serve as a dynamic platform for students, researchers, academicians, industry professionals, and policy-makers to engage in meaningful discussions, share innovations, and explore new frontiers in the field of medicinal and aromatic plants (MAPs). The program will emphasize on the development of conceptual understanding, technical skills, and diagnostics in MAP Biotechnology. A special focus will also be placed on recent advancements in technology development, trade, and commerce related to medicinal plants and their derivatives, making it a holistic event for all stakeholders involved in the MAPs sector.

# About the Department

The Department of Biotechnology is a center of academic excellence, cutting-edge research, and global collaboration. With NBA accreditation and over one and a half decades of achievements, the department has built a strong reputation for innovation and impactful contributions in the field. Guided by highly qualified faculty and renowned visiting professors from prestigious national and international institutes, it has completed several government-sponsored projects worth crores. Faculty, research scholars, and students consistently publish high-quality Scopus/SCI-indexed papers, book chapters, and patents.

Strong research collaborations with reputed institutions worldwide promote joint projects and knowledge exchange. The department regularly organizes conferences, seminars, faculty development programs, and awareness campaigns with leading organizations. Equipped with state-of-the-art laboratories and advanced technology, it fosters interdisciplinary learning, critical thinking, and innovation.





# About Dehradun

Dehradun is one of the oldest cities of India and is the capital of Devbhoomi Uttarakhand. The headquarters of many National Institutes and Organizations like ONGC, Survey of India, Forest Research Institute, Indian Institute of Petroleum etc are located in the city. Some of the premier educational and training institutes like Indian Military Academy, Indira Gandhi National Forest Academy etc are also in Dehradun. It is a favoured tourist destination as it attracts tourists, pilgrims and enthusiasts from various walks of life to its serene environs. The famous Rajaji National Park and Queen of the Hills Mussoorie are nearer to Dehradun.

## How to Reach?

You can travel to Dehradun by air, train and road:

**Air** — The nearest airport to Dehradun is Jolly Grant Airport, which is 20 km from the city centre. You can hire a taxi from the airport (charges approx ₹1800. Air India, Indigo, and Spice Jet have regular flights to Dehradun.

**Train** — The Dehradun Railway Station is well connected to major cities in northern India, primarily New Delhi.

**Road** — You can book a Bus from Delhi and nearby cities to Dehradun online.



# Thematic Areas

1. Plant Tissue Culture and Biodiversity Conservation
2. Genomic and Transcriptomic Insights in MAPs
3. Stress Biology and climate resilience
4. Plant-Microbe Interaction
5. Plant Metabolites, Nutraceuticals and Phytomedicines
6. Sustainable Agriculture
7. Plant-Nanobiotechnology
8. AI, Machine Learning and Digital Tools in MAP Biotechnology

# Call for Abstract

The abstract (up to 300 words) is invited for participation in conference via Oral or Poster presentation. (Best presentation will be awarded)

Abstract should be submitted in MS Word (Times New Roman: 12 font size, Heading: 14 font size), 1.5 spacing, with a margin of 30 mm from all sides. The selected Full Paper will be published in the Vegetos (Springer Nature, SCOPUS-indexed Journal).

## Contact Persons



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# Important Dates

**Early Bird Registration**

September 25, 2025

**Deadline for Registration**

October 10, 2025

**Deadline for Abstract Submission**

September 30, 2025

Authors are requested strictly to adhere to the above dates and submit the registration form, and abstract through e-mail at:

**MAPBio2025@gmail.com**, copy to **prabhakarsemwal.ls@geu.ac.in**

# Registration Fees

**Industry Delegate:** ₹ 4000/-

**Faculty:** ₹ 3000/-

**Post Doc/PhD Scholars:** ₹ 2000/-

**(Earlybird Registration fee: ₹ 1500/-)**

**Graduate and Postgraduate Students:**

₹ 1000/-

**(Earlybird Registration fee: ₹ 750/-)**

Please fill up the Registration Form and mail it on or before **October 10, 2025**.



Register Here

**Souvenir:** The abstracts of the Conference will be published in form of a souvenir. Selected Abstracts will be considered for publication in Scopus indexed Journal "Vegetos" by Springer Nature.



# Chief Guest

## Dr. (Mrs.) N Kalaiselvi

Director General, CSIR and Secretary,  
DSIR-Ministry of Science and Technology,  
Govt. of India

# Organizing Committee

## Chief Patron —

### Prof. (Dr.) Kamal Ghanshala

Founder President, Graphic Era Group of  
Institutions, Uttarakhand

### Dr. V.K. Saraswat

Chancellor, Graphic Era (Deemed to be University),  
Uttarakhand

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### Prof. (Dr.) Rakesh Kumar Sharma

Pro Chancellor, Graphic Era (Deemed to be University),  
Uttarakhand

### Prof. (Dr.) Narpinder Singh

Vice-Chancellor, Graphic Era (Deemed to be  
University), Uttarakhand

### Prof. (Dr.) Santosh Saraf

Pro Vice-Chancellor, Graphic Era (Deemed to be  
University), Uttarakhand

## Co- Patron —

### Prof. (Dr.) Subodh Bhatnagar

Founder Chairman, Society for Plant Research (SPR) &  
Editor in Chief, VEGETOS

## Convener —

### Dr. Rupak Nagraik

Head, Department of Biotechnology

## Organizing Secretary —

### Prof. (Dr.) Janhvi Mishra Rawat

## Co-Organizing Secretaries —

### Dr. Jigisha Anand

### Dr. Prabhakar Semwal

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### Ms. Priya Chamoli



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Department of Biotechnology, GEU

Bell Road, Clement Town, Dehradun,  
Uttarakhand, India - 248002