

LIMITED SEATS ONLY

FIRST COME FIRST SERVE BASIS



Target Audience:

The Faculty Entrepreneurship Development Programme on Biofertilizers and Biopesticides is aimed at faculty members and budding entrepreneurs in the sector of biopesticides and biofertilizers to promote sustainable agriculture.

Registration Fee: FREE

Last date of Registration: 15 FEBRUARY 2025

Registration includes participation in all sessions, industry visits, participation certificate

Working lunch and refreshments will be provided to all registered participants

Register at

<https://forms.gle/f3D8pvfL4UfRseZ4A>

Registration queries:

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VIT[®]

Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)



SCHOOL OF BIO SCIENCES AND TECHNOLOGY

Faculty Entrepreneurship Development Programme on Biofertilizers and Biopesticides

24 February 2025
to
8 March 2025

Sponsored
by



मन्त्रमिष जयते
Department of Science & Technology
Govt. of India

Ministry of Science and Technology
Department of Science and Technology (DST)

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THE TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

VIT-A Place to learn; A Chance to grow

VELLORE INSTITUTE OF TECHNOLOGY

Vellore Institute of Technology was founded in 1984 as Vellore Engineering College by the Founder and Chancellor Dr. G. Viswanathan. University status was conferred in 2001 by MHRD Govt. of India in recognition of its excellence in academics, research and extracurricular initiatives.

Ranking & Accreditation

Vellore Institute of Technology (VIT) has emerged as one of the best institutes in India and is aspiring to become a global leader. Quality in teaching-learning, research and innovation makes VIT unique.

- Engineering and Technology subject areas of VIT are the 212th best in the World and the 9th best in India, and Ten subjects of VIT are within the top 500 in the world (as per QS World University Rankings by Subject 2024)
- The 8th best University, the 11th best research institution and the 11th best engineering institution in India (NIRF Ranking, Govt. of India 2023)
- Ranked among the top 601-800 universities of the world (THE World University Ranking 2024)
- NAAC Accreditation with A++ grade (3.66 out of 4)
- The 163rd-best Institution in Asia (QS - Asia University Rankings 2024)

SCHOOL OF BIO SCIENCES AND TECHNOLOGY

The School of Bio Sciences and Technology consists of four departments namely Biotechnology, Integrative Biology, Bio-Sciences and Bio-Medical Sciences headed by well-trained professors. The school offers an undergraduate (B.Tech. Biotechnology) and six Postgraduate (M.Sc. and M. Tech.) programme. It also offers Integrated Ph.D. and Ph.D. programme. The priority of the SBST is developing entrepreneurship skills and mentoring students to become future scientists for the improvement of humanity. Our efforts are strengthened by collaboration with national, international Universities and multinational companies. Consultancy research and commercialization of products at the University are undertaken as a part of the program. The school houses excellent infrastructure and well-trained faculty members which makes SBST one among the top ten Bio School in the country.

FEDP ON

BIOFERTILIZERS AND BIOPESTICIDES

Global food production needs to be increased to feed the growing population by overcoming fluctuating climate changes, decreased yield productivity, depleted soil fertility, and reduced efficacy of agrochemicals. In this regard, biofertilizers and biopesticides are promising aids to augment crop yield in a sustainable and environmentally friendly way. Biofertilizers are the renewable alternatives to chemical fertilizers that keep the soil environment abundant in all kinds of micro- and macro-nutrients via nitrogen fixation, phosphate and potassium solubilization or mineralization, and it also aid the biodegradation of organic matter in the soil. Biopesticides are the naturally occurring or derived materials from living organisms that repress the growth and propagation of pest population through different mechanisms including the disruption of the insect life cycle. Thus, biopesticides and biofertilizers confer significant potential in enhancing crop productivity, improving soil health, and stand as a solution to the adverse environmental hazards generated by their chemical counterparts. There is a growing demand channelized to produce biofertilizers and biopesticides for developing 'nutrient rich high-quality food' and it requires the constructive collaboration of multiple stakeholders.

THEMATIC AREAS

- Introduction and need for Biofertilizers and Biopesticides
- Types of Biofertilizers and Biopesticides
- Production Process of Biofertilizers and Biopesticides
- Regulatory Framework and Standards for Biofertilizers and Biopesticides
- Market Analysis and Business Opportunities in Biofertilizers and Biopesticides
- Sustainability and Environmental Impact of Biofertilizers and Biopesticides
- Developing a Business Plan for Biofertilizer and Biopesticide Startups
- Challenges in the Biofertilizer and Biopesticide Industry
- Innovation and Future Trends in Biofertilizers and Biopesticides
- Entrepreneurship Skills for Biofertilizer and Biopesticide Ventures
- Financial Aspects of Biofertilizer and Biopesticide Businesses
- Case Studies of Successful Biofertilizer and Biopesticide Enterprises
- Role of Digital Marketing in Promoting Biofertilizers and Biopesticides
- Networking and Collaboration in the Biofertilizer and Biopesticide Industry

KEY STAKEHOLDERS AND EXPERTS

- Industry and institutional experts who will offer hands-on knowledge of biofertilizers and biopesticides.
- Experts from the MSME Development Institute who can provide insights into entrepreneurship and small business development.
- Faculties from eminent management institutes and business schools to contribute to entrepreneurial education and business strategy.
- Intellectual property experts from IP offices and firms who can guide participants in protecting their innovations.
- Soft skill trainers to enhance communication, leadership, and interpersonal skills, which are crucial for entrepreneurial success.
- Experts from financial institutions who can offer knowledge on funding opportunities, financial planning, and business growth.

