

Biocon Academy Faculty Development Program

Biocon Academy introduces **Faculty Development Program, a first-of-its-kind initiative** to empower Biotech Faculty from various educational institutes by helping them upgrade their knowledge of emerging industry-specific technologies.

This unique program is aimed at the faculty who are teaching biotechnology to Undergraduate and Post Graduate students of Science or Engineering streams. It will enable faculty members to enhance their pedagogical skills to relate the scientific principles to the practices in the industry.

This 2-weeks full-time program, delivered at the Biocon Academy, will include classroom sessions with Subject Matter Experts (SMEs) from Biocon as well as industry assignments and training at Biocon's state-of-the-art labs. The course has been designed to expose academicians to the latest equipment, technologies and processes being deployed by the industry.



**the
best
teacher
inspires
STUDENT**

COURSES & CURRICULUM

DAY	TOPIC 1	TOPIC 2
1	Introduction to Biotech market and segments, departments in Biopharma and functions	Overview of life cycle of a drug and development
2	Cell line selection and characterization	Media selection and optimization
3	Introduction to biosimilar	Introduction to monoclonal antibodies
4	Fermentor and Microbial Fermentation	Bioreactor and Mammalian cell culture
5	Downstream processing-Bioinstrumentation	Introduction to Quality Unit
6	Qualification and Validation	cGMP
7	Introduction to Quality Management System	Introduction to QbD
8	Introduction to Quality control microbiology	OOS and Failure investigation
9	Visual Communications, Design of Experiment	Process and method development
10	US regulatory pathway	Indian regulatory pathway

Eligibility:

1. The teacher should be a permanent/confirmed employee of the organization
2. Teachers working in self-financing colleges are also eligible
3. The teacher should have a Master's Degree with minimum 55%
4. The teacher should have at least 3 years of teaching experience



To know more about this Program, get in touch with:

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