



KERALA BIOTECHNOLOGY COMMISSION

KERALA STATE COUNCIL FOR SCIENCE TECHNOLOGY AND ENVIRONMENT

DBT SKILL VIGYAN - KERALA

FACULTY TRAINING PROGRAMME

The Department of Biotechnology, Government of India, has sanctioned the DBT Skill Vigyan program in biotechnology and Life Sciences, which will be executed in Kerala through the Kerala Biotechnology Commission, KSCSTE. KBC, KSCSTE is collaborating with 15 state academic and research institutions to provide student training, technician training, and faculty training programs.

The Faculty Training Programme is conducted by the Kerala State Council for Science Technology and Environment (KSCSTE) in collaboration with seven partnering institutions. The program is designed to enhance the skills and knowledge of faculty members and scientists in the field of Biotechnology. It provides hands-on training in advanced and emerging areas of biotechnology, equipping participants with the latest tools and techniques to apply in their research and teaching endeavors.

Partner Institutions:



1. College of Horticulture, Kerala Agriculture University, Vellanikkara, Thrissur
2. Cochin University of Science & Technology (CUSAT), Cochin
3. Business Incubation Centre - KUFOS, Kerala University of Fisheries and Ocean Studies (KUFOS), Cochin
4. Amrita School of Biotechnology, Amrita Viswavidyapeetam, Amritapuri, Kollam
5. KSCSTE - Jawaharlal Nehru Tropical Botanic Garden and Research Institute (JNTBGRI), Palode
6. Rubber Research Institute of India, Kottayam
7. Cashew Export Promotion Council of India Laboratory & Research Institute, Kollam

Courses offered:

Sl. No.	Partner Institution	Course(s) Duration: 14 days	No. of Faculty to be trained in a year
1.	Amrita Viswavidyapeetam, Amritapuri, Kollam	<i>a) Hands-on training in LC-MS of biomolecules</i>	20
		<i>b) Hands-on training in advanced gene cloning and protein Expression/purification</i>	20
		<i>c) Phage applications and antimicrobial resistance</i>	20
2.	Cochin University of Science & Technology (CUSAT), Cochin	<i>Cell culture techniques for biotechnology applications - Focus on neurobiology and cancer</i>	20
3.	Business Incubation Centre - KUFOS, Kerala University of Fisheries and Ocean Studies (KUFOS), Cochin	<i>Training on Development of sustainable packing techniques of fishery food products</i>	20
4.	Cashew Export Promotion Council of India Laboratory & Research Institute, Kollam.	<i>Advanced Techniques In Biotechnology</i>	20 x 2
5.	KSCSTE-Jawaharlal Nehru Tropical Botanic Garden and Research Institute (JNTBGRI), Palode	<i>Gas Chromatographic Techniques in Aromatic Plants Research</i>	20 x 2
6.	College of Horticulture, Kerala Agriculture University, Vellanikkara, Thrissur	<i>Techniques in Molecular Biotechnology and Bioinformatics</i>	20 x 3
7.	Rubber Research Institute of India, Kottayam	<i>Hands-on Training Programme in "Recent Advances in Molecular Biology and Biotechnology Techniques</i>	20

Total No. of faculty to be trained per year: 260