



KERALA BIOTECHNOLOGY COMMISSION
KERALA STATE COUNCIL FOR SCIENCE TECHNOLOGY AND ENVIRONMENT

DBT SKILL VIGYAN - KERALA

STUDENT TRAINING and TECHNICIAN TRAINING Programmes

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 student and technician training programs will offer a three-month, hands-on, stipendiary training experience to individuals at the entry level, including Plus 2 students, graduates, and postgraduates, specializing in various biotechnology fields. These programs have been developed in collaboration with four prominent sector skill councils under the Government of India's purview: the Life Science Sector Skill Development Council (LSSSDC), Agriculture Skill Council of India (ASCI), Food Industry Capacity and Skill Initiative (FICSI), and Healthcare Sector Skill Council (HSSC). The curriculum for these programs is in alignment with the Qualification Packages (QPs) established by the sector skill councils, which are tailored to meet industry requirements.

Training Partners



Knowledge Partners

- ❖ LSSSDC-Life Science Sector Skill Development council
- ❖ FICSI-Food Industry Capacity & Skill Initiative
- ❖ ASCI- Agriculture Skill Council of India
- ❖ HSSC - Healthcare Sector Skill Council

STUDENT TRAINING PROGRAMMES [Duration: 3 months]

Sl. No.	Certification programme	Coordinating Institute	Knowledge Partner	No. of Students to be trained	Eligibility Criterion
1.	Biopharmaceutical / Biotechnology (LFS/Q0512)	Amrita School of Biotechnology, Amrita Viswavidyapeetam, Amritapuri, Kollam	LSSSDC	20	Masters in relevant discipline/ M. Pharma
2.	Microbiologist – Quality Control (LFS/Q0308 ver.3)	MES College Marampally	LSSSDC	20	B.Sc. in relevant subject such as Biochemistry, Biology, Chemistry, Immunology, Biomedical Science, Biotechnology, Microbiology
3.	Lab Technician: Research and Quality Control: Wet Lab (LFS/Q0509-SI001, ver.3)	Sree Narayana College, Kollam	LSSSDC	20	class 12 pass Biology/ Biotechnology
4.	Lab Technician – Research and Quality Control: Wet Lab (LFS/Q0509-SI001, ver.3)	St. Thomas College, Thrissur	LSSSDC	20x2	class 12 pass Biology/ Biotechnology
5.	Food Microbiologist (FIC/Q7603)	Amrita School of Biotechnology, Amrita Viswavidyapeetam, Amritapuri, Kollam	FICSI	20	Bachelor’s Degree in Microbiology
6.	Sea Food Products Packaging (FIC/Q7001)	Business Incubation Centre - KUFOS, Kerala University of Fisheries and Ocean Studies (KUFOS)	FICSI	20	Preferably class 12 pass Biology/ Biotechnology
Total Students to be trained per year				140	

- *LSSSDC-Life Science Sector Skill Development council*
- *FICSI-Food Industry Capacity & Skill Initiative*

TECHNICIAN TRAINING PROGRAMMES *[Duration: 3 months]*

Sl. No.	Certification programme	Coordinating Institute	Knowledge Partner	No. of Students to be trained	Eligibility Criterion
1.	Lab Technician and assistant Advance training in bioprocess technology (LFS/Q0219)	Amrita School of Biotechnology, Amrita Viswavidyapeetam, Amritapuri, Kollam	LSSSDC	20x2	Graduation in Biotechnology/biochemical/chemical preferable or biological science or applied science or a closely related field
2.	Lab Technician – Research and Quality Control: Wet Lab (LFS/Q0509- SI001, Ver 3.0)	Cochin University of Science & Technology (CUSAT), Cochin	LSSSDC	20	class 12 pass Biology/ Biotechnology
3.	Lab Technician – Research and Quality Control: Wet Lab (LFS/Q0509- SI001, Ver 3.0)	Mar Ivanios College, Nalanchira, Thiruvananthapuram	LSSSDC	20x2	class 12 pass Biology/ Biotechnology
4.	Lab Technician – Research and Quality Control: Wet Lab (LFS/Q0509- SI001, Ver 3.0)	KSCSTE - Malabar Botanical Garden & Institute of Plant Sciences (MBGIPS), Kozhikode	LSSSDC	20x2	class 12 pass Biology/ Biotechnology
5.	Associate Clinical Research Management (Pharma, Biologics and Medical Devices)- Site Management (LFS/Q3501-SI001, Ver 2.0)	St. Joseph’s College, Iringalakkuda, Thrissur	LSSSDC	20	B. Pharm preferable/B.Sc. in any subject /Clinical Research Certification
6.	Plant tissue culture (AGR/Q8101 V1.1)	M. S. Swaminathan Research Foundation Community	ASCI	20	class 12 pass Biology/ Biotechnology
7.	Mushroom Production and	Agrobiodiversity Centre Wayanad	ASCI	20	class 12 pass Biology/

	Value Addition (AGR/Q7803 V.1.0)				Biotechnology
8.	Organic Grower (AGR/Q1201)		ASCI	20	class 12 pass Biology/ Biotechnology
9.	Aquatic Animal Health Manager (AGR/Q4911)	National Centre for Aquatic Animal Health (NCAAH), Cochin University of Science & Technology (CUSAT), Cochin	ASCI	20	Bachelor's Degree in Aquaculture
10.	Genetic Counselor (HSS/Q8704)	St. Joseph's College, Iringalakkuda, Thrissur	HSSC	20	Graduate (recognized system of medicine, bachelor's degree in any subject) or Graduate Nurse or Post Graduate (Social work or Psychiatry or Sociology or Social Science or Public Health)
Total Students to be trained per year				260	

- *LSSSDC-Life Science Sector Skill Development council*
- *FICSI-Food Industry Capacity & Skill Initiative*
- *ASCI- Agriculture Skill Council of India*
- *HSSC - Healthcare Sector Skill Council*

Total No. of students to be trained per year: 400

No. of Students to be trained under LSSSDC: 260

No. of Students to be trained under ASCI: 80

No. of Students to be trained under FICSI: 40

No. of Students to be trained under HSSC: 20