



**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   | Stipend                |
|---------|---|---|-------------------|-------------------------------|---|------------------------|
| 1.      | Biopharmaceutical / Biotechnology (LFS/Q0512)                                   | Amrita School of Biotechnology, Amrita Viswavidyapeetam, Amritapuri, Kollam | LSSSDC            | 20                            | Masters in relevant discipline/ M. Pharma   | Rs. 10,000/- per month |
| 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 | Rs. 5,000/- per month  |
| 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  | Rs. 3,000/- per month  |
| 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  | Rs. 3,000/- per month  |
| 5.      | Food Microbiologist (FIC/Q7603)   | Amrita School of Biotechnology, Amrita Viswavidyapeetam, Amritapuri, Kollam | FICSI             | 20                            | Bachelor's Degree in Microbiology   | Rs. 5,000/- per month  |

|                                       |   |  |       |     |   |                       |
|---------------------------------------|---|--|-------|-----|---|-----------------------|
| 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 | Rs. 3,000/- per month |
| 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   | Stipend               |
|---------|--|---|-------------------|-------------------------------|---|-----------------------|
| 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 | Rs. 5,000/- per month |
| 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  | Rs. 3,000/- per month |
| 3.      | Lab Technician – Research and Quality Control: Wet                                 | Mar Ivanious College, Nalanchira, Thiruvananthapuram                        | LSSSDC            | 20x2                          | class 12 pass Biology/ Biotechnology  | Rs. 3,000/- per month |

|     |  |  |        |      |   |                       |
|-----|--|--|--------|------|---|-----------------------|
|     | Lab (LFS/Q0509- SI001, Ver 3.0)  |  |        |      |   |                       |
| 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                                      | Rs. 3,000/- per month |
| 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 | Rs. 5,000/- per month |
| 6.  | Plant tissue culture (AGR/Q8101 V1.1)  | M. S. Swaminathan Research Foundation Community  | ASCI   | 20   | class 12 pass Biology/ Biotechnology                                      | Rs. 3,000/- per month |
| 7.  | Mushroom Production and Value Addition (AGR/Q7803 V.1.0)   | Agrobiodiversity Centre Wayanad  | ASCI   | 20   | class 12 pass Biology/ Biotechnology                                      | Rs. 3,000/- per month |
| 8.  | Organic Grower (AGR/Q1201)   |  | ASCI   | 20   | class 12 pass Biology/ Biotechnology                                      | Rs. 3,000/- per month |
| 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  | Rs. 5,000/- per month |
| 10. | Genetic Counselor (HSS/Q8704)  | St. Joseph’s College, Iringalakkuda, Thrissur  | HSSC   | 20   | Graduate (recognized)   | Rs. 5,000/- per month |

|                                       |  |  |  |     |  |  |
|---------------------------------------|--|--|--|-----|--|--|
|                                       |  |  |  |     | 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*