

Teaching and Training

Students will gain knowledge and skills related to various tasks for the job role of Junior Field Technician Home Appliances through classroom teaching, practical training in Lab, exposure to activities during field visits and on-the-job training.

Job Opportunities

Field Technician of Home Appliances: LED and Other Bulb, Electric Iron, Fan, Cooler

Related Websites

About Sector:

<https://www.essc-india.org>

About Higher Education

<https://www.ugc.gov.in>

About Curriculum and Courseware

<https://www.psscive.ac.in>

About Apprenticeship Training

<https://www.apprenticeshipindia.gov.in>

About Career Opportunities

<https://www.ncs.gov.in>



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Junior Field Technician Home Appliances

(Grades 9 & 10)

QP Code: ELE/Q3117





Introduction

Vocational subjects are being offered along with general education subjects from Grades 9 to 12 under the scheme of *Samagra Shiksha*. The Ministry of Education, Government of India is implementing *Samagra Shiksha* in schools.

The curricula and textbooks for the vocational subjects have been developed by the PSS Central Institute of Vocational Education (PSSCIVE) as per the National Occupation Standards for the Job Roles approved under the National Skills Qualifications Framework (NSQF) in various sectors.

About the Sector

Electronics Sector include jobs and businesses in Computer hardware installation, Television, Home Appliances, and Smart phones. The uprise of IoT and networks are providing drive to the fast-growing adoption of electronic products. The sub-sectors are IT Hardware, Consumer Electronics, PCB Manufacturing & Assembly, Communication & Broadcasting, Semiconductor Design, Industrial Electronics and Medical Electronics.

About the Job Role

Junior Field Technician Home Appliances diagnose the source of malfunctions or problems in home appliances including LED Bulb, Electric Iron, Fan, Cooler and similar others. They need the knowledge of basic electronic components, hand tools and power tools to install and repair these appliances. They rectify the minor faults, replace dysfunctional part to fix the problem and recommends factory repairs for bigger faults.

Minimum Qualifications

The candidate should have passed Grade 8, possesses the ability to read/write and communicate effectively.

Course Outline

Grade 9

Part A	Employability Skills
Unit 1	Communication Skills I
Unit 2	Self-management Skills I
Unit 3	Information and Communication Technology Skills I
Unit 4	Entrepreneurship Skills I
Unit 5	Green Skills I
Part B	Vocational Skills
Unit 1	Fundamentals of Electrical and Electronics Engineering
Unit 2	Installation and Repair and Maintenance of LED and other Lights
Unit 3	Work Ethics, Quality, Sustainability and Safety

Grade 10

Part A	Employability Skills
Unit 1	Communication Skills II
Unit 2	Self-management Skills II
Unit 3	Information and Communication Technology Skills II
Unit 4	Entrepreneurship Skills II
Unit 5	Green Skills II
Part B	Vocational Skills
Unit 1	Installation and Repair and Maintenance of Electric Iron
Unit 2	Installation and Repair and Maintenance of Fan
Unit 3	Installation and Repair and Maintenance of Cooler