Teaching and Training

Students will gain knowledge and skills related to various tasks for the job role of Assistant Installation Computing and Peripherals through classroom teaching, practical training in Lab, exposure to activities during field visits and on-the-job training.

Job Opportunities

Computer Technician, Installation Technician, Maintenance Technician.

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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www.psscive.ac.in
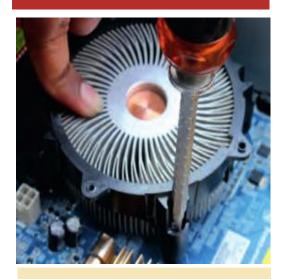
Assistant Installation Computing and Peripherals

(Grades 9 & 10)

QP Code: ELE/Q4609

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

Assistant Installation Computing and Peripherals needs to possess knowledge and skills in electronic components, computer assembly, installation of computer hardware such as motherboard, RAM modules, Hard Drive and peripherals such as Printer, Scanner. He/ She should also know the installation and configuration of operating system such as Windows and Linux. He/She can assist Computer Technician for this tasks.

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	Computer and Peripherals
Unit 2	Fundamentals of Electronics
Unit 3	Installation of Operating System

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	Computer Hardware Essentials
Unit 2	Computer Assembly and Disassembly
Unit 3	Workplace Quality, Sustainability and Safety