

# B.VOC IN APPLIANCE AND CONSUMER ELECTRONICS



## Program Brief:

India is one of the largest growing electronics market in the world with the appliance and consumer electronics (ACE) market crossing Rs 2.05 trillion (US\$ 31.48 billion) in 2017-18. Indian electronics market is expected to grow at 41 percent CAGR during 2017-20 to reach US\$ 400 billion. As of FY18, washing machine, refrigerator and air conditioner market in India were estimated around Rs 7,000 crore (US\$ 1.09 billion), Rs 19,500 crore (US\$ 3.03 billion) and Rs 20,000 crore (US\$ 3.1 billion), respectively. India became world's second largest smart phone market with 40.1 million units shipped between July-September 2018. India is expected to have 829 million smart phone users by 2022. All these has led to an additional requirement for over 1 million skilled manpower in this sector the coming years.

B.Voc in Appliance and Consumer Electronics program aims to address the ever-growing need of skilled manpower in the Appliance and Consumer Electronics domain comprising of IT and electronics hardware, Consumer Electronics like AC, Washing Machine, Home appliances etc. Trainees shall be abreast with industrial best practices on manufacturing, servicing, marketing, project management and entrepreneurship development. Adequate emphasis is laid on holistic 360 degree personality development through communication skills, soft skills, yoga, grooming and mentoring.

## Program Model and training methodology:

- The curriculum is aligned to Qualification Packs (QPs) / National Occupational Standards (NOSs) of selected job role(s) of Electronics Sector Skill Council of India and IT-ITES Sector Skill Council.
- The program emphasise more on "learning by doing" with 70% weightage is given on hands on training during classrooms training and "Earn -while-Learn" stipendiary On the Job Training (SOJT) at partner industries.
- Trainees shall spend 6-8 months in a year with partner industries under the contractual employment or apprentice models like National Apprenticeship Promotion Scheme (NAPS)/ National Employment Enhancement Mission (NEEM) programs launched by Government of India.
- Trainees shall also undergo extensive training on 360 degree personality development through communication skills, soft skills, yoga, grooming and mentoring.
- Trainees shall have access to the online cloud hosted Seacom Skill University learning management system (LMS) containing all recorded lectures, notes and reference resources. Trainees can take up online internal assessments and submit internal assignments for evaluation.

## Flexible learning plan:

- B.Voc. is a 3 years Bachelors Degree program approved by The University Grants Commission (UGC) and All India Council for Technical Education (AICTE) with multiple Entry -Exit Model.
- B.Voc.is similar with any other University Degree Programs but focuses more on vocational skills and industry oriented skill training. Trainees can have career progression through M.Voc and Doctoral programs in vocational skills and also apply for Government jobs
- Trainees successfully completing 6 months program (Semester-I) shall be awarded with Certificate.
- Trainees successfully completing 1 year program (Semester-I & II) shall be awarded with Diploma.
- Trainees successfully completing 2 years program (Semester-I , II,III,IV) shall be awarded with Advanced Diploma .
- Trainees successfully completing 2 years program (Semester-I , II,III,IV) shall be awarded with B.Voc Degree





## Program Highlights :

- Dual education mode with Focus on acquiring Skills and Industry orientation
- 6-8 months/year of OJT at partner industries
- Earn -while-Learn
- Excellence employment opportunity and Career Enhancement
- 100% guaranteed Employment /Self Employment/ Apprenticeship
- Online learning management system
- Flexible Entry-Exit
- Skill Partner : Electronics Sector Skill Council of India

## Eligibility Criteria:

- 10+2 or
- 10th plus (2 or 3 years) Diploma or
- 10th + ITI (minimum 2 years) with 2 subjects(1 Language & 1 Academic) passed from any recognised board
- Or any other equivalent course

## Program Structure :

SEM	Subject/QP
SEM - I (30 Credits)	English Language , Comprehension and behavioural skills
	Fundamentals of Electrical and Electronics
	GPON and DAS and Broadband Technology (ELE/Q8105)
	Mobile Phone Hardware Repair Technology (ELE/Q8104)
SEM - II (30 Credits)	Industrial Internship/OJT -DTH Set Top Box Installation & Service (ELE /Q8101)
	Industrial Internship /OJT - DTH, Broadband
SEM-III (30 Credits)	Industrial Internship /OJT -Service Operations- Other Home Appliances (ELE/Q3104)
	Advanced Communication skills and soft skills
	Environmental Science
	Installation , Operations and Maintenance - AC (ELE/Q3102)
	Installation , Operations and Maintenance – Washing Machine (ELE/Q3106)
	Production and Operations Management
	Industrial Internship/OJT -Electrical Assembly – Control Panel (ELE /Q7306)
SEM-IV (30 Credits)	Industrial Internship/OJT - Grinder Hand tools Handheld Power Tools (CSC/ Q 0302)
	Industrial Internship/OJT - Vertical Machining Centre Setting, operation and CNC
	Industrial Internship/OJT - Installation , Operations and Maintenance – RACW (ELE /Q3105)
SEM-V (30 Credits)	Industrial Internship / OJT –Managing Service Team (ELE/Q4607)
	Installation, Operations and Maintenance – UPS and Inverter (ELE/Q7201)
SEM-VI (30 Credits)	Security System - Installation, Operations and Maintenance (ELE /Q4610)
	Solar PV System Installation, Operations and Maintenance (ELE /Q5902)
	Entrepreneurship Development
	HVAC System Installation and Operations
SEM-VI (30 Credits)	Industrial Internship/OJT-Assembly Operation - PLC (ELE/Q7305)
	Industrial Internship/OJT - HVAC
	Industrial Internship/OJT- Solar PV
SEM-VI (30 Credits)	Industrial Internship/OJT -Security Systems

## Placement opportunities:

Distil Reinforcing Skills has established excellent industry collaborations with over 50 leading Indian and multinational manufacturing organisations in India and offers 100% assured employment /self employment/ apprenticeship with Rs.7000-15000 monthly stipend/emoluments.

