

Faculty of Engineering Technology & Research - Bardoli

Bachelor of Vocational (B. Voc.)

In

Refrigeration and Air conditioning



Introduction

All India Council for Technical Education (AICTE) Ministry of HRD, Government of India has introduced Entrepreneurship oriented Skill development courses of B.Voc. These courses will be run by AICTE approved institutes by using available infrastructure and facilities. In these courses the institute will conduct general education content and sector specific skills will be imparted by Skill Knowledge Providers/ Training Providers/ Industries.

Course Objectives

After successfully completing the vocational course, the student will acquire relevant appropriate and adequate technical knowledge together with the professional skills and competencies in the field of Refrigeration and Air Conditioning so that he/she is properly equipped to take up gainful employment in this Vocation.

Course Curriculum

- The course's curriculum is industry-based and work-integrated.
- The focus of Course Curriculum is to equip students with appropriate knowledge, practice and attitude, to become work ready. The skill development components will be relevant to the industry as per its requirements.
- The overall design of the skill development component along with the job roles selected will be such that it leads to a comprehensive specialization in few domains.
- The curriculum will focus on work-readiness skills in each of the year of training.
- Adequate attention is given in curriculum design to practical work, on the job training, development of student portfolios and project work.

On-Job-Training (OJT)/Qualification Packs

During the course at every semester the following qualification packs are offered:

- Sem-1 Field Technician-AC (ELE/Q 3102)
- Sem-2 Field Technician- Refrigeration (ELE/Q 3103)
- Sem-3 Field Engineer- RACW (ELE/Q3105)
- Sem-4 Cold Storage Technician (FIC/Q7004)
- Sem-5 AC Specialist – Automobile (ASC/Q 1416)
- Sem-6 Assembly Operator (ELE/ Q 3501)

Industry Interaction

The institute has signed MOU with following renowned industries in the field of refrigeration and air conditioning to facilitate Industrial visit, On-site hands on practise, Expert talks, Seminar, Conferences and Placement.

- Purvi Engineers India Pvt Ltd, Surat
- Raj Refrigeration System
- Future HVAC Systems

Job Prospectus

Mechanic, Jr. & Sr. Engineer and as a Consultant in Refrigeration & HVAC industries; Trainer/Tutor for training centre

Top Recruiting Organizations

Amul, Godrej Industrial, Dabur India, PepsiCo , Nestle India, Britannia Industries, Parle Products, L&T, Ashok Leyland, Mahindra & Mahindra, Haldex India, Bajaj Auto, Maruti Suzuki, Toyota, Yamaha, Hyundai, Hero MotoCorp, Volkswagen, Audi, Renault, etc.

Eligibility : 10+2 from a recognized educational Board

Course Fee : 12000/- to 15000/- as per government announcement

Course Duration : 3 Years

Seat : 25

Contact Person : Prof. Ashish Desai 9978797959
Prof. Vishal Bhagatwala 9376855230
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National
Skill Development
Corporation

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Faculty of Engineering Technology and Research,
At: Isroli, Po: Afwa, Tal: Bardoli
Dist: Surat – 394620
www.fetr.ac.in

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Bachelor of Vocational (B. Voc.)



In Production Technology



Introduction

All India Council for Technical Education (AICTE) Ministry of HRD, Government of India has introduced Entrepreneurship oriented Skill development courses of B.Voc. These courses will be run by AICTE approved institutes by using available infrastructure and facilities. In these courses the institute will conduct general education content and sector specific skills will be imparted by Skill Knowledge Providers/ Training Providers/ Industries.

Course Objectives

After successfully completing the vocational course, the student will acquire relevant appropriate and adequate technical knowledge together with the professional skills and competencies in the field of Production Technology so that he/she is properly equipped to take up gainful employment in this Vocation.

Course Curriculum

- The course's curriculum is industry-based and work-integrated.
- The focus of Course Curriculum is to equip students with appropriate knowledge, practice and attitude, to become work ready. The skill development components will be relevant to the industry as per its requirements.
- The overall design of the skill development component along with the job roles selected will be such that it leads to a comprehensive specialization in few domains.
- The curriculum will focus on work-readiness skills in each of the year of training.
- Adequate attention is given in curriculum design to practical work, on the job training, development of student portfolios and project work.

On-Job-Training (OJT)/Qualification Packs

During the course at every semester the following qualification packs are offered:

- Sem-1 Metal Arc Welding (CSC/Q0204)
- Sem-2 CNC Setter Cum Operator (CSC/Q0120)
- Sem-3 CNC Programmer (CSC/Q0401)
- Sem-4 Quality Inspector – Forged, Casted or Machined Component (CSC/Q0601)
- Sem-5 Tool & Die Maker (CSC/Q0306)
- Sem-6 Designer – Mechanical (CSC/Q0405)

Industry Interaction

The institute has signed MOU with following renowned industries in the field of refrigeration and air conditioning to facilitate Industrial visit, On-site hands on practise, Expert talks, Seminar, Conferences and Placement.

- Nova Tech, Navsari
- SETU Foundation, Surat
- QCFI Surat Chapter, Surat
- DIC, Silvassa

Job Prospectus

Mechanic, Jr. & Sr. Engineer and as a Consultant in Production industries; Trainer/Tutor for training centre

Top Recruiting Organizations

Amul, Godrej Industrial, Dabur India, PepsiCo, Nestle India, Britannia Industries, Parle Products, L&T, Ashok Leyland, Mahindra & Mahindra, Haldex India, Bajaj Auto, Maruti Suzuki, Toyota, Yamaha, Hyundai, Hero MotoCorp, Volkswagen, Audi, Renault, etc.

Eligibility : 10+2 from a recognized educational Board

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Contact Person : Prof. Nirav Rathod 9925862502
Prof. Mitul Patel 9726878583



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