

**CERTIFICATE COURSE IN REFRIGERATION
AND AIR-CONDITIONING**



Established in 1951

CHHOTU RAM ARYA COLLEGE, SONIPAT-131001

2019
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Course Designed by:

1. Dr. Naresh Rathee, Associate Professor of English
2. Dr. Anu Rathee, Associate Professor of English
3. Mr. Rajroop Singh Chahal, Associate Professor of Commerce

Certificate in Refrigeration and Air-Conditioning

This programme has been developed in collaboration with the **Pardeep Refrigeration, Atlas Road, Sonipat and C.R. A College, Sonipat**. The programme is intended to provide basic knowledge and technical skills in the areas of Refrigeration. The Industry Certificate in Refrigeration and Air-Conditioning will provide theoretical and practical knowledge to students to develop their skills in the refrigeration industries. They will gain a deeper understanding of the refrigeration technology and the repair of refrigerators and Air-conditioners.

Programme Structure

- Module 1:** Introduction to Refrigeration and Air- Conditioning
- Module 2:** Types of Refrigerants, Air Distribution System
- Module 3:** Types of Freezer and Refrigerators & Evaporators
- Module 4:** Common Fault in Refrigerator
- Module 5:** Common Fault in Air-conditioners
- Module 6:** Filling of Refrigerant
- Module 7:** Replacement of Various Parts of Refrigerator
- Module 8:** Replacement of Various Parts of Air-conditioner
- Module 9:** Installation of Air-conditioner
- Module 10:** 7 days Internship

Eligibility

12th Pass

Programme Duration

The duration of the training is 17 days. Three Days Theory by Physics Deptt. And 7 days Practical at **Pardeep Refrigeration, Atlas Road, Sonipat** and 7 days Internship.

Registration

The registration dates for this programme run by the Institute are updated timely on the webpage.

Programme Deliverables

The accompanying training is appropriately aligned with the current market expectations.

- Interactive sessions on all key areas of the programme giving all flexibility to the participants.

- All the efforts are made by faculty members of Physics Dept. to make the entire programme modules easily understandable.
- Assessment and evaluation for all the programme modules in order to enhance the levels of competencies and skills of the participants leading towards the objective of application in the job.
- At the end of each programme modules, the trainers shall obtain feedback from the participants using specially designed questionnaires.
- All learning and training delivery initiatives shall be conducted in **English** and **Hindi**.

Assessment & Certification

Assessment will be conducted at the end of the programme and after successful completion; the participants will be awarded Certificate in Refrigeration and Air-Conditioning.

Placement Assistance & Corporate Relations

The Institute has partnered with many Service Providers for providing with placement assistance to its participants. The robust placement cell comprises of senior level Human Resources professionals and Talent Acquisition experts which maintains close links with business and industry.

Future career prospects

This is a professional programme targeted to cater the Domestic, Professional, agro-allied industries, food processing and production industry. The information, guidance, practical training and off programme completion certificate will provide the participant with not one but many opportunities like RAC Technician, Heating and Ventilation Technician, maintenance Technician etc.

Contact Person:

Course Coordinator: Dr. Jitender Singh

Designation: Associate Professor

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