



# ICP

ISHRAE CERTIFIED PROFESSIONAL

**SERVICE LEVEL 1**



**TAKE CHARGE OF YOUR CAREER**



# IIE

**ISHRAE  
INSTITUTE OF  
EXCELLENCE**



***REGISTER TODAY & JUMP START YOUR CAREER!***



### **As an ISHRAE CERTIFIED PROFESSIONAL you :**

- Distinguish yourself from peers. Certification from ISHRAE shows you have the required knowledge and skills.
- Give yourself a competitive edge. Using our certification on your business cards, resumé, e-mail signatures and proposals gives you a definite competitive edge and is an excellent way to enhance your professional reputation.
- Let ISHRAE promote **YOU** ! ISHRAE Certified professionals will be listed on ISHRAE website. This list puts you right in front of people looking for your services.



**The ISHRAE CERTIFICATION PROGRAM offers all HVAC&R personnel the opportunity to enhance their skill set, while ensuring an industry wide standardisation of project competency.**

### **WHAT IS ICP AC SERVICE LEVEL- 1?**

Level 1 is an entry level program, and anyone interested in HVAC & R industry, whether novice or experienced, is welcome to sign up for the certification course.

### **ELIGIBILITY FOR ATTENDANCE**

Junior & senior service technicians, a/c mechanics and plant operators preferably having minimum ITI or equivalent qualifications in air-conditioning and refrigeration systems.

Participants from servicing & repair establishments, installation & contracting firms carrying out routine servicing of light & domestic air conditioning units, package & ductable a/c units, small central plant installations, service departments of manufacturing companies, hotels & commercial establishments. Professionals interfacing with air-conditioning industry will also find this valuable certification useful.

### **VALIDITY OF THE CERTIFICATION**

5 years from the date of certification.

### **AWARDING OF CERTIFICATES**

The course comprises of two modules each of two days. At the end of the second module there will be an examination. Certificate of accomplishment will be issued to those candidates who attend the two modules and successfully complete the examination.

Those who attend the course and do not pass the examination, will be given a chance to retake the examination when it is held again, after paying the fee of Rs 750/-.

### **ISSUING OF CERTIFICATES**

The certificates of accomplishment will be issued by IIE HQ, who will also maintain records of certified professionals. Names of successful candidates will be listed on the ISHRAE website for the duration of validity.

### **RE-CERTIFICATION**

Certificates are valid for 5 years. After this period, candidates will be eligible to retake the examination by paying the applicable fees.

Candidates can take the Level 2 certification once they have been certified for Level 1.

### **CLASS STRENGTH**

Class strength will be limited to a maximum of 20 students to enable the instructor to give individual attention. In any case, the class strength shall not exceed 25. Admission will be on first come first serve basis.





## MODULE

Level 1 will have two modules each on two consecutive days, requiring a total time commitment of four days. Both modules must be attended, and at the end of the second module candidates will need to sit for an exam. Course fees is Rs 5000.00 plus Service Tax.

A re-exam fee of Rs 750/- will be charged for any candidate who fails and wishes to retake the exam when conducted at the next course.

## TOPICS

### MODULE 1

- Customer Service-soft skills
- Types & Classification of AC system.
- Thermodynamics- Refrigeration Cycle
- Introduction to Psychrometrics
- Refrigeration components & Controls
- Electrical Fundamentals for HVAC

### MODULE 2

- Pressure testing, leak detection, evacuation & charging
- Good installation practices
- Trouble Shooting & AC Plant Maintenance
- Evaluation

### Course Fee

Topics	Duration	FEES (Members)	FEES (Non Members)
Module 1		2000.00	2500.00
Module 2		2000.00	2500.00
* Note : 15% service tax extra.	<b>Total</b>	<b>Rs. 4000.00</b>	<b>Rs. 5000.00</b>

RE EXAM FEE : Rs 750.00

**To Register, please contact below chapters**

- |             |             |           |         |          |
|-------------|-------------|-----------|---------|----------|
| ☼ Ahmedabad | ☼ Bengaluru | ☼ Chennai | ☼ Delhi | ☼ Deccan |
| ☼ Jaipur    | ☼ Kolkata   | ☼ Mumbai  | ☼ Pune  | ☼ Surat  |

### ISHRAE HEADQUARTERS :

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