



Indian Society of Heating  
Refrigerating & Air Conditioning  
Engineers

Advance, Disseminate, Educate  
HVAC&R Industry in India.

# **Presentation**

## **on**

# **Indian Society of Heating, Refrigerating and Air- Conditioning Engineers**

## **(ISHRAE)**



**[www.ishrae.in](http://www.ishrae.in)**



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# HVAC

- Heating, Ventilation and Air conditioning (HVAC) is the technology of indoor and vehicular environmental comfort. Refrigeration is sometimes added to the field's abbreviation as HVAC&R.





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HVAC is important in the design of medium to large industrial and office buildings such as skyscrapers and in marine environments such as aquariums, where safe and healthy building conditions are regulated with respect to temperature and humidity, using fresh air from outdoors.

HVAC industry is a worldwide enterprise, with roles including operation and maintenance, system design and construction, equipment manufacturing and sales, and in education and research.



Applications in Mobile



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## ASHRAE

The American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE) is an international technical society for all individuals and organizations interested in HVAC. The Society, organized into regions, chapters, and student branches, allows exchange of HVAC knowledge and experiences for the benefit of the field's practitioners and the public. The Society has approximately 50,000 members and has headquarters in Atlanta, Georgia.

## ISHRAE

The Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE) was established to promote the HVAC industry in India. ISHRAE is an associate of ASHRAE. ISHRAE was started at Delhi in 1981 and a chapter was started in Bangalore in 1989. Between 1989 & 1993, ISHRAE chapters were formed in all major cities in India and also in the Middle East.





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## Student Membership Benefits

- ✓ Interaction with industry professionals (Networking)
- ✓ Membership of one of the prestigious professional societies
- ✓ Free ISHRAE Journal and Insights newsletter providing the latest industry cutting edge technology information.
- ✓ Discounts on ISHRAE Books & Publications
- ✓ National ACREX Quiz Participation
- ✓ National HVAC Design Competition
- ✓ Career assistance
- ✓ Fee Concession in Local ISHRAE Chapter programs such as workshops / seminars / training
- ✓ Edge over others in placement
- ✓ Participation in Bry-Air / Emerson Cup -Design Contest
- ✓ Intangible benefits in higher studies abroad
- ✓ Leadership development
- ✓ Industrial visit through local chapter
- ✓ Technical talk through the local chapter

# Student Membership Benefits

- Technical Talk
- Interaction with HVAC Professionals
- Industrial Visit
- Membership Certificate



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# Student Membership Benefits

- Interaction with ASHRAE Professionals through ASHRAE
- Cultural Activities



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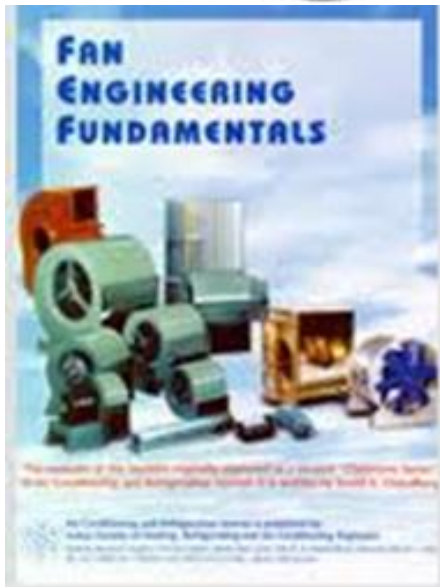
# Student Membership Benefits

- **ISHRAE Journal**
- **Concession in the ISHRAE Publications**



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# Student Membership Benefits



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- Participation in ACREX (International Exhibition) other major events
- National HVAC Design Competition
- Bryair competition
- Participation in events organized by ISHRAE Local Chapter





# Student Membership Benefits

- Career Assistance
- Training on HVAC through IIE



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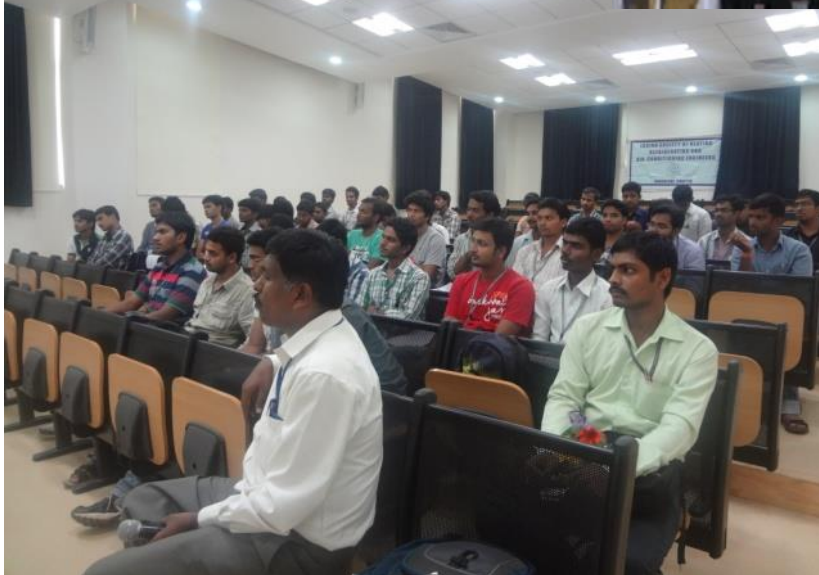
# Student Membership Benefits

- Technical Paper Presentation Competition
- Project Exhibition cum Competition
- Participation in workshop / seminar



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# Student Membership Benefits

- **Blood Donation Camp**
- **Tree Plantation**
- **K-12 (STEM)**
- **Awareness Camp on Entrepreneurship, Energy Conservation, Global Warming etc**



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## **ISHRAE Involvement –brings**

- **›Leadership Skills**
- **›Management Skills**
- **›Improving Technical Skills**
- **›Networking with Others**
- **›Accessibility to Technical Resources**
- **›Professional Development**
- **›Transfer of Ideas**





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## Job Opportunities in HVAC

- R & D
- Sales & Marketing
- Project Work
- Servicing & Maintenance
- Installation & Commissioning
- Manufacturing etc





## **Benefits to the College**

- ✓ **Interaction with one of the vibrant professional societies for the upliftment of students**
- ✓ **Interaction with industry professionals and providing the latest industry cutting edge technology information through technical talk**
- ✓ **Better Industry Institute Interaction**
- ✓ **Edge over others in admission / placement**
- ✓ **Getting good grade during AICTE – NBA , UGC NAAC committee visits**
- ✓ **Membership of one of the prestigious professional societies**

# **Why Join ISHRAE**

**If you are interested:**

- •To associate with one of most vibrant professional societies
- •Participation of activities of the professional society
- •Leadership Development
- •Accessibility to Technical Resources
- •Projects having a direct impact on society
- •Design of green/innovative thermal systems

**Student Membership Fee : Rs 350 / year**

**Further details, Please contact :**

Student Chair of your nearest ISHRAE Local Chapter or

Dr. N.Kapilan, National Chair - Student Activities

ISHRAE Headquarters, 502, DDA Building, District Center

Laxmi Nagar, New Delhi-110092.

[www.ishrae.in](http://www.ishrae.in)

Phone.: 011-43001814, Email: [kapil\\_krecmech@yahoo.com](mailto:kapil_krecmech@yahoo.com)



For your  
Academic Growth



Join Today as ISHRAE Student Member