



Department of Mechanical Engineering
Punjabi University Patiala
(Established Under Punjabi Act. No.35 of 1961)

No. 7634/ME

Date: 26.04.2022

NOTICE

The Department of Mechanical Engineering is going to organize an invited talk on “Opportunities at ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers)” on 27.4.2022 (from 4:00PM to 5:00PM) for the faculty and students of the Department. The talk will be delivered by Dr. Prateek Srivastava (Chair Student Activities, ASHRAE, Chandigarh Chapter). Er. Lakshmi Shankar (Asst. Professor, MED) has been appointed as a Coordinator for the event.

The talk will be conducted through online mode, and the link of the same will be shared in Whatsapp Group or sent by email. The students and the faculty members are encouraged to attend the talk and take the maximum benefit from it.


Professor & Head,
Mechanical Engineering Department
Punjabi University, Patiala.

Head (ME)

CC:

1. Er. Lakshmi Shankar to coordinate the event
2. All Faculty & Students of the Department

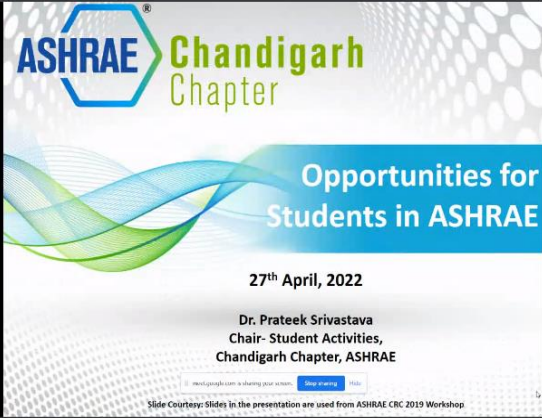
REPORT ASHRAE WEBINAR “Opportunities at ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers)” on 27.4.2022

Web browser tabs: ndli-club-registration, (3) WhatsApp, Meet - Opportunities at ASHRAE, (21) World IP Day Webinar: IP an...

URL: meet.google.com/jxe-myya-fmi?pli=1&authuser=7

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ASHRAE CHANDIGARH is presenting



Participants in the grid view:

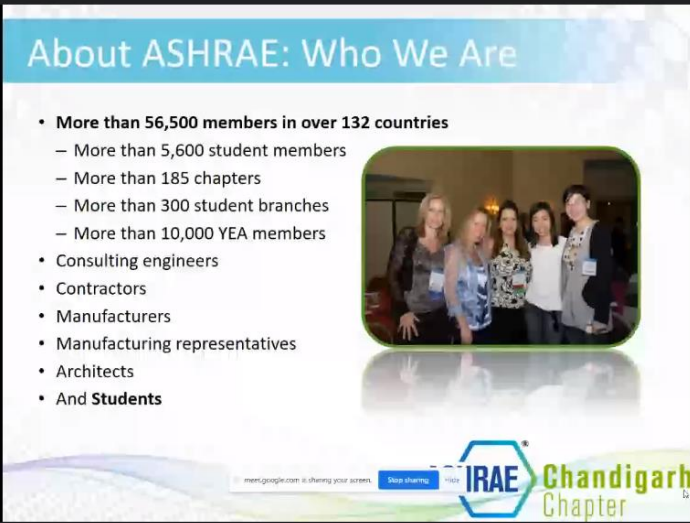
- ASHRAE CHANDIGA...
- 3047 Vinayak Sharma
- Akul 3210
- Harman Deep
- Daksh Patwa
- khushpreet singh
- Lovepreet singh
- 18 others
- You

4:15 PM | Opportunities at ASHRAE for Mechanical Engin...

Windows taskbar: Type here to search, 41°C, 4:15 PM, 27-Apr-22

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ASHRAE CHANDIGARH is presenting



- More than 56,500 members in over 132 countries
 - More than 5,600 student members
 - More than 185 chapters
 - More than 300 student branches
 - More than 10,000 YEA members
- Consulting engineers
- Contractors
- Manufacturers
- Manufacturing representatives
- Architects
- And Students

ASHRAE Chandigarh Chapter logo

Opportunities at ASHRAE for Mechanical Engineering

Windows taskbar: 26, 4:15 PM, 27-Apr-22

COORDINATOR: ER. LAKSHMI SHANKAR, ASSISTANT PROFESSOR (MED)

REPORT ASHRAE WEBINAR “Opportunities at ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers)” on 27.4.2022

The screenshot shows a Google Meet interface during a webinar. The browser tabs at the top include 'ndli-club-registration', '(2) WhatsApp', 'Meet - Opportunities at...', 'Meet Attendance 09/08/202...', and '(21) World IP Day Webinar:'. The address bar shows the URL 'meet.google.com/jxe-myya-fmi?pli=1&authuser=7'. A notification at the top states: 'You have extensions installed that may affect the quality of your call' with links to 'Learn more' and 'Dismiss'.

The main content area displays a presentation slide titled 'Student Membership'. The slide text reads: 'Why would a student want to be a member of ASHRAE?' followed by a bulleted list of benefits: 'Technical Knowledge (resources)', 'Cost Benefits', 'Society Benefits', 'Networking Opportunities', 'Career Exploration', 'Scholarship Potential', 'Added Value to Employers', and 'Access to the ASHRAE Website'. The slide footer features the 'ASHRAE Chandigarh Chapter' logo and a small note: 'ASHRAE Chandigarh is sharing your screen.'.

On the right side of the screen, there is a vertical panel showing participant avatars. At the top is 'You' (the user's avatar). Below it is the 'ASHRAE CHANDIGARH' logo, which is highlighted with a blue border. At the bottom of this panel, it says '19 others' with two small avatars.

The bottom of the screen shows the Windows taskbar with the search bar 'Type here to search' and various application icons. The system tray on the right indicates the time as '4:28 PM' and the date as '27-Apr-22', along with weather information '41°C'.

COORDINATOR: ER. LAKSHMI SHANKAR, ASSISTANT PROFESSOR (MED)

REPORT ASHRAE WEBINAR “Opportunities at ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers)” on 27.4.2022

The image displays two screenshots of a Google Meet session titled "Opportunities at ASHRAE for Mechanical Engineering". The host is ASHRAE Chandigarh. The first screenshot shows a slide titled "Local Student Branch" with the following content:

Local Student Branch

Process of Forming a Student Branch

- A Champion (Student Branch Advisor)
- Generate interest in Students for membership
 - Active Participation
- Number of Student Members
 - Minimum Recommended Number – 20 Students
 - Formation of Student Committee
- Working with Sponsoring (Parent) Branch
 - Student Activities Chair
- Annual Report
- Sustainability

The second screenshot shows a slide titled "Undergraduate Scholarships" with the following content:

Undergraduate Scholarships

- There are many scholarships available to ASHRAE Student Members.
 - Meritorious scholarships
 - Amount can be \$2000-\$5000 depending on the scholarship grant
 - Supports Tuition fees
 - First, Second, and Third Year Students can apply
- Details can be found here:
 - <https://www.ashrae.org/membership--conferences/student-zone/scholarships-and-grants/ashrae-scholarship-program-and-stem>

Both screenshots show a sidebar with the ASHRAE Chandigarh logo and a list of 18 other participants. The bottom of the screen displays the Windows taskbar with the time 4:33 PM and date 27-Apr-22.

COORDINATOR: ER. LAKSHMI SHANKAR, ASSISTANT PROFESSOR (MED)

REPORT ASHRAE WEBINAR “Opportunities at ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers)” on 27.4.2022

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ASHRAE CHANDIGARH is presenting

Undergraduate Scholarships

APPLY Each year the ASHRAE Foundation awards scholarships of up to \$10,000 each to qualified students.

DONATE Help support ASHRAE's student scholarship programs.

38 Society scholarships available for 2020-2021

- Two new scholarships available to high school seniors to be applied to their freshman year of college – **May 1 application deadline**
- More students and more schools than ever eligible for ASHRAE scholarships

ASHRAE Chandigarh Chapter

4:34 PM | Opportunities at ASHRAE for Mechanica...

Type here to search

41°C 4:34 PM 27-Apr-22

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ASHRAE CHANDIGARH is presenting

Graduate Student GIA Program

Graduate Student Grant-in-Aid Program

- The goal of the Grant-In-Aid program is to encourage outstanding graduate students to become involved in ASHRAE
- Multiple awards (**typically 10 to 25**) are made each year
 - Funds for full-time graduate student of ASHRAE-related technologies for research
 - Award amount of up to **\$10,000**

ASHRAE Chandigarh Chapter

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41°C 4:35 PM 27-Apr-22

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Design Competition

- Design competition to encourage students to design energy-efficient buildings and HVAC systems.
- 4 major categories
 - HVAC Design Calculations
 - HVAC System Selection
 - ISBD (Integrated System Building Design)
 - Applied Engineering Challenge
- Each category has 1st, 2nd, 3rd & “Rising Star” awards
- Students from all over the world can participate including technology and architectural schools.

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18 others

4:35 PM | Opportunities at ASHRAE for Mechanica...


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Award Winning Teams

- Winning teams are recognized by ASHRAE
- Students are given plaques
- Schools are given compensation for coming to the Student Program



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17 others

4:37 PM | Opportunities at ASHRAE for Mechanica...

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Student Programs

- Every winter conference has a multi-day student program.
 - 400 to 500 students from student branches around the world attend.
 - Students get exposure to society members, mentoring, and much more during the program.
 - Students are recognized for awards.
 - Student presentations of award winning grant projects.
 - Special student tour.
 - Student Congress.



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ASHRAE CHANDIGARH is presenting

Webinars

Making Energy Efficiency a Reality

ASHRAE Webcast | April 19, 2018

Is advanced technology alone solving the cases for energy efficiency?



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UN Program on Refrigerants

ASHRAE
environment

FREE REFRIGERANTS COURSE

Thank you for your interest Free UN Environment Refrigerant Management for engineering students course. Congratulations you are among those select ASHRAE members who have been selected to pilot the course. ASHRAE is excited to make this information available to the academic community.

After this form is filled out, signed and returned, a link to an FTP site will be sent to you to download the following:

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Available Web Resources

- **Student Membership & Meetings**
- **Student Branches**
Information on maintaining an active branch and establishing a new student branch
- **Career Resources**
Links to our online virtual career program, career related resources in HVACR. Employers can post student internships for free. www.ashraejobs.com
- **Scholarships, Grants & Design Project**
Specific information on each of these programs including applications, deadlines and more!
- **K-12 & College Resources**
Links to our K-12 resources program and handouts. www.ashrae.org/ashraek12.org
- **Student Activities News & Awards**

www.ashae.org/students

Opportunities at ASHRAE for Mechanical Engineering

COORDINATOR: ER. LAKSHMI SHANKAR, ASSISTANT PROFESSOR (MED)


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RAL Student Competition



- Opportunity for student members to perform in front of industry leaders
- Competition focused on soft skills
- Initiative for RAL - Only for RAL Student Members

2nd RAL Student Competition Paper Presentations
RAL CRC 2020, Cape Town, South Africa

OBJECTIVES
The RAL Student Competition aims at providing students an opportunity to present their research paper in front of industry leaders and receive feedback from the audience.

PRIZES & CERTIFICATES
1. 1st Prize: 200 USD
2. 2nd Prize: 100 USD
3. 3rd Prize: 50 USD
4. Certificate of Attendance

Nominations by RAL Chapters are due by June 30, 2020
Presentation Date/Time: RAL CRC

ASHRAE is sponsoring your session. [View details](#)

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Student Membership Transition

- **SMART Start Program for transition into society**
 - SmartStart is a 3-year program that allows Student members to transfer to Associate grade membership at a rate that is recent-graduate friendly.
 - Cost Benefit (Significant savings over 3 years)



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Local Chapter: Site Visits

Site Visits for Student members



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Student Branches



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Events Organized

The screenshot displays the ASHRAE Chandigarh website. The main heading is "Events Organized". Below it, there are two main sections: "HVACR SERIES" and "STUDENT COMPETITION". The HVACR Series section lists various workshops and seminars, including "HVACR Series: Design, Install, Operate, Maintain" and "HVACR Series: Design, Install, Operate, Maintain". The Student Competition section is titled "THematic Presentation Competition" and focuses on "Sustainable Built Environment". It lists sub-topics such as "Sustainable design", "Energy efficient", "Green buildings", "Water treatment", "Waste management", "Energy conservation", and "Sustainable materials". The website also features logos of various organizations and a contact information section at the bottom.

4:44 PM | Opportunities at ASHRAE for Mechanica...

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Events Organized

The screenshot displays the ASHRAE Chandigarh website. The main heading is "Events Organized". Below it, there is a section titled "Level-II Advance HVACR Series". This section provides details about the series, including the dates (12th February 2022 to 19th March 2022) and the time (2:00 - 4:00 PM IST). It also lists the topics covered: Design, Install, Operate, and Maintain. The website includes logos of various organizations and a contact information section at the bottom.

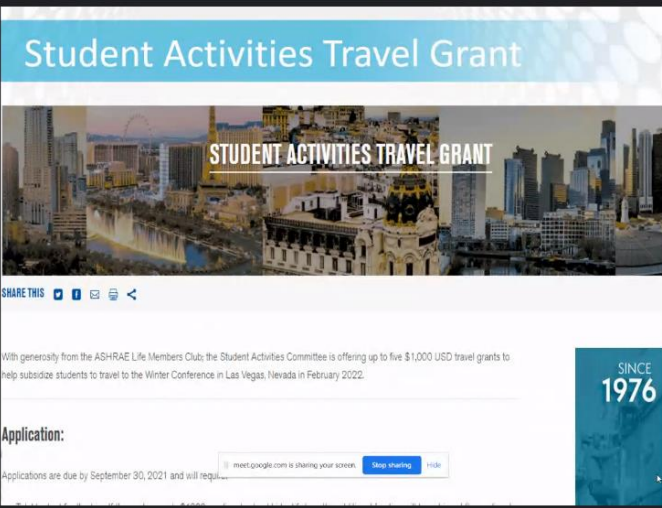
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Student Activities Travel Grant

STUDENT ACTIVITIES TRAVEL GRANT

SHARE THIS

With generosity from the ASHRAE Life Members Club the Student Activities Committee is offering up to five \$1,000 USD travel grants to help subsidize students to travel to the Winter Conference in Las Vegas, Nevada in February 2022.

Application:

Applications are due by September 30, 2021 and will require...

ASHRAE CHANDIGARH

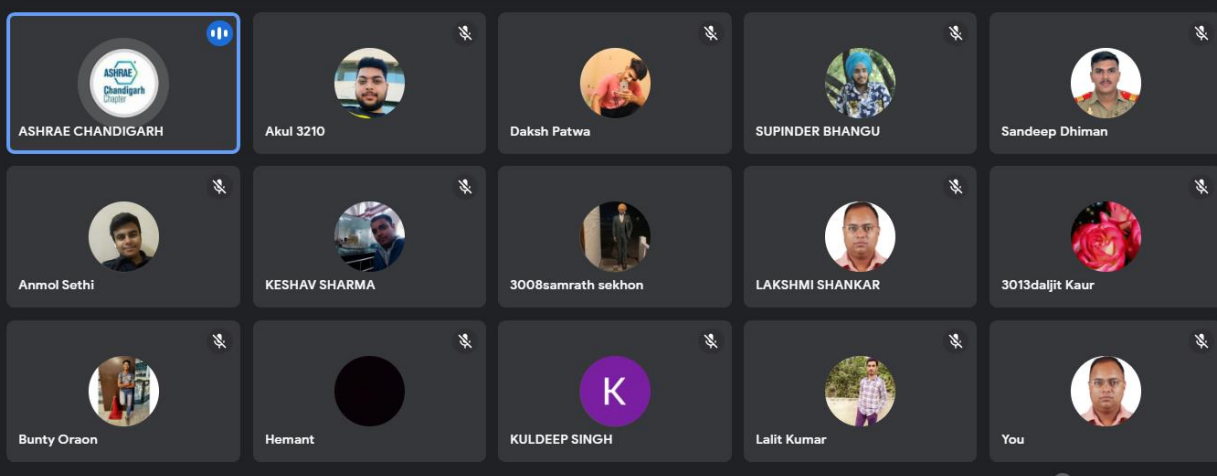
14 others

Opportunities at ASHRAE for Mechanical Engineering

ndli-club-registration x (4) WhatsApp x Meet - Opportunities at: x Meet Attendance 09/08/2021 x (21) World IP Day Webinar: x

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Akul 3210

Daksh Patwa

SUPINDER BHANGU

Sandeep Dhiman

Anmol Sethi

KESHAV SHARMA

3008samrath sekhon

LAKSHMI SHANKAR

3013daljit Kaur

Bunty Oraon

Hemant

KULDEEP SINGH

Lalit Kumar

You

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Join ASHRAE.org

Contact Information

* This is a: ☐ Business ☐ Home

* Address 1: Primary Address Line 1

Address 2: Primary Address Line 2

* City: City

State: State

Zip/Postal Code: Zip/Postal Code

Phone: Phone Number

Choose a Membership

Member	Associate	Affiliate	Student
Open to those with 12 years of Society-approved experience	For professionals with less than 12 years of experience	Introductory membership for new members who are 30 years of age or younger	Designed for all engineering students who are considering a career in HVAC
\$230.00	\$230.00	\$50.00	\$25.00

Opportunities at ASHRAE for Mechanical Engineering

ASHRAE CHANDIGARH... Daksh Patwa Sandeep Dhiman KESHAV SHARMA 3 others You

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Join ASHRAE.org

Change my chapter to: CHANDIGARH

Paying Chapter dues are highly encouraged. Chapter dues go directly to your local chapter and help fund your Chapter's events. Support YOUR chapter by paying chapter dues!

Demographic Information

* Which best describes your title? Y - STUDENT OR OTHER

* Which best describes your firm? 88 - STUDENT

* Which best describes your function? 9 - OTHER

Area of HVAC&R Interest

* Choose your broad area of interest

Payment Information

Billing address same as shipping address ☒

* Credit Card Type

* Number

Opportunities at ASHRAE for Mechanical Engineering

ASHRAE CHANDIGARH... Sandeep Dhiman KESHAV SHARMA LAKSHMI SHANKAR 2 others You

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