

# SUCCESS STORY

## C. SUBRAMANIAM (SUBBU)

B. Tech., Mechanical Engg. ( IIT, Madras)  
Presidential Member, Indian Society of Heating,  
Refrigerating and Air Conditioning Engineers (ISHRAE)  
**LEED Fellow, LEED AP-BD+C**



### Education Background:

Based from Chennai, Tamil Nadu, I had my complete education in the land of Marina Beach, right from Primary level right upto Bachelor's. Due to a strong foundation given from my father in Mathematics, I went to IIT, Madras and did Bachelor's in Mechanical Engineering from 1978-1983. My project in B Tech was in R & AC Lab and I loved working in that field right from the start due to my mentor Dr Srinivasa Murthy at IIT, Madras. Subsequent education has been from on the field and a lot of learning through interaction from the organizations where I worked and mainly from the professionals and colleagues with whom I spent lots of time.

### Professional Background:

For more than 39 years, I have been passionately driven towards providing sustainable solutions for owners and end users in the built environment space. I had a great opportunity to work in the fields of HVAC, Building Automation Systems, Learning & Development and Sustainability in domestic and global locations.

My professional engagement in the building industry began more than 39 years ago at VOLTAS LTD in the HVAC space. I was responsible for the design and execution of Air Conditioning & Refrigeration Projects for Commercial, Industrial and Process applications from concept to completion. This period in my career laid a very strong foundation and also a deep understanding of the importance of the design and operation of a HVAC system in a building, which contributes to almost 50-60% of the energy consumption. My seniors and colleagues were so generous in sharing their knowledge with me and during this time is when I came in contact with ISHRAE.

After the stint in the field of HVAC in Voltas, I moved onto join TRANE in their overseas operations as Team Leader and Senior Trainer in their Trane Academy (for Europe, Middle East, Africa and India Region) in the areas of Application Engineering, providing training on HVAC & R, Energy Simulation, LEED, Sustainability and Building Automation Systems.

Having worked in key areas as described above for almost 25 years, this drive and passion led me to start my own company - 3S Green & SSS Consultants (Sustainability Strategies and Solutions) to primarily focus on providing design consultancy services in the fields of HVAC, BMS and facilitation in the field of Green Buildings and be a technical leader in advocating energy efficient and sustainable solutions.

Throughout this journey, I had the opportunity to steer various owners projects to achieve sustainability goals as well as establish a very good working Building Automation System.

### When did you join ISHRAE and how?

There was a seminar by ISHRAE Bangalore Chapter on Operation, Maintenance and Service in the year 1988 and I attended that and was amazed with the energy with which the professionals from the industry and ISHRAE conducted the program. From then on, I was hooked to ISHRAE and that has been in the forefront of my mind.

I came back from overseas in the year 2005 and my friend and colleague took me to an ISHRAE Technical Seminar. Right from that date, my journey in ISHRAE continued again seamlessly and there was never a stop from there on. I had the opportunity to work closely at the ISHRAE Bangalore Chapter since 2005 in the educational wing of ISHRAE - ISHRAE Institute of Excellence as a committee member, faculty and then moved onto become the Chairman of IIE, Bangalore and also at the Chapter Working Committee. Through guidance of various seniors in the industry and at ISHRAE, I worked at all levels at the Chapter, Regional and National levels in various positions. With the support of all ISHRAE members, I was elected to be the National President of ISHRAE in the year 2018-19 and this was the proudest moment in my life. I had the full support of my family and all friends at ISHRAE to successfully complete this tenure. But as you all know, journey in ISHRAE continues and never stops. Currently I am National Chair for ISHRAE Technical Committee. My only yearning is to work more and more for ISHRAE and I will definitely work hard to achieve that in spite of the challenges we face in our personal and professional front. This is the only thing that gives me satisfaction and happiness.

### How has ISHRAE benefitted you?

This statement is similar to the statement - "Every force has an equal and opposite reaction".

If we put in time for ISHRAE in whatever area that we love, ISHRAE gives back to you multifold. The way I can perceive that the interaction has benefitted me are so many. To name a few - enhancement of technical expertise, network with high quality professionals, acadmiacians, current update of whatever happens in the industry in all the areas, answers for my queries that I have had in the professional field. This happens through the high quality seminars and workshops that are constantly conducted by ISHRAE. I have personally developed leadership skills, human resource interaction skills, management of various events - technically and logistically. Through interaction with professionals from domestic and overseas Societies like ASHRAE, REHVA, UNEP, UNIDO, BEE, BIS, MoEFCC, IPA, TERI, DST - just to name a few, we get the kind of inputs from high level professionals, which otherwise, you may not have a chance to meet in your daily life. ISHRAE provides these networking and interactions and technical learning thereby.

To say in a simple statement - benefit that I have got from ISHRAE is so much that it is very difficult to say it in a paragraph. It has only to be experienced.

### Describe ISHRAE in one line according to you?

ISHRAE is a great Society that opens windows of opportunities for every aspiring engineering professional in the field of HVAC & R.

### Your message to the new and young ISHRAE members:

ISHRAE is a very strong technical society in the field of HVAC & R. It has multi-dimensional aura and is beset with such a lot of treasure house of knowledge. It provides technical input for professionals at every stage in their career - right from a Graduate Engineer Trainee, Service professional, Design engineer, Managers at every level and right upto the MD & CEO of an organization.

The kind of strength that it has is because of the solid foundation laid by all the dedicated volunteers who have contributed selflessly to ISHRAE over the past 40+ years.

To experience and benefit from this great Society, all you have to do is to JOIN ISHRAE, be active part of it, contribute and every member will definitely get returns multifold.

**Be Proud of ISHRAE and Make ISHRAE Proud of You!**

For more information,  
write to us at [youth@ishraehq.in](mailto:youth@ishraehq.in)

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