

JANUARY 2016



# NEWSLETTER

BUILDING SERVICES DESIGN & ENERGY INSTITUTE



BUILDING SERVICES DESIGN & ENERGY INSTITUTE

SANELAC CONSULTANTS PVT. LTD.

C-64/2 OKHLA INDUSTRIAL AREA PHASE-II, NEW DELHI-110020





# SANELAC CONSULTANTS PVT. LTD.

## MEP SERVICES DESIGN CONSULTANTS

**SANELAC** is Building Services Consultancy organization formed in 1984 by a group of qualified and experienced Engineers in the field of **MEP Services Design**. SANELAC has successfully designed & commissioned various projects in India and Abroad. Sanelac believes in using latest technology by using latest software including **Transition to BIM (REVIT)**.

Sanelac provides clients with comprehensive range of **Engineering Building Services** including **Air-Conditioning, Process Cooling, Humidification, Ventilation, Compressed Air, Steam, Electrical, Plumbing/Sanitary, Fire Protection, Water Treatment Plants, Effluent/Waste Water Treatment, Solar Energy, Rain Water Harvesting, Energy Management, Design Peer Review, Energy Audit** etc.

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# BUILDING SERVICES DESIGN & ENERGY INSTITUTE

## Inauguration of the Institute & First Design Workshop held on 17th and 18th December 2015

Building Services Design & Energy Institute organized its Inauguration & the first Design Workshop "Design Workshop on Applied Psychrometry", on 17th and 18th December 2015 at C-64/2, First Floor, Okhla Industrial Area, Phase-II, New Delhi-110020.

The aim of the institute is to provide a platform for executives & graduate engineers to develop in depth knowledge on the MEP fundamentals, systems & equipments and applications. The event helped in bringing together experts from industry to meet, discuss, share their views and experiences on various challenges of today's world in the MEP industry.

The participants for the first Design Workshop were from different organization viz, Bluestar, Daikin, Hitachi, Voltas, Sterling & Wilson, Advance Ventilation, Paharpur Cooling Tower, Bell Cooling Tower, Samsung, Zamil Air-conditioning, Edgetech, Ireo, Current Infra project (Jaipur), DynaAircon, Desiccant Rotor, LG, etc.

The inauguration session began with welcome to all the dignitaries on the dais including the Chief Guest, Dr. P C Jain, Chairman Emeritus, Aecom India, Chairman IGBC and Guest of honour Mr. Kanwaljeet Jawa, Managing Director of Daikin Air Conditioning.



**Welcome to the Dignitaries to the Dais**





**The Dignitaries on Dais including Chief Guest Dr. P.C Jain and Guest of Honour Mr. Kanwaljeet Jawa**

As an auspicious beginning, “The Manglacharan” was recited by Mr. I. D. Jain and then the lighting of lamp by the Dignitaries.



**Lighting of the lamp by Dr. P.C Jain**



**Lighting of the lamp by Mr. S.P Jain**



**Lighting of the lamp by Mr. Kanwaljeet Jawa**



**Lighting of the lamp by Dr. A.K. Saluja**





**Lighting of the lamp by Mr. Sanjay Batra**



**Lighting of the lamp by Mr. Jagdeep Singh**

The floral welcome to Dr. P C Jain, Mr. Kanwaljeet Jawa, Mr. Sanjay Batra and Mr. Suresh Virmani.



**Floral welcome to Dr. P. C. Jain**



**Floral welcome to Mr. Kanwaljeet Jawa**



**Floral welcome to Mr. Sanjay Batra**



**Floral welcome to Mr. Suresh Virmani**





The dignitaries off the dais included Mr. Sanjay Batra (Medanta), Mr. Kuldeep Virmani (Daikin), Mr. Kapil Mehrotra (Bluestar), Mr. Suresh Virmani (Suvidha), Mr. Pradeep Choudhary (Enviro Roots), Mr. Rajesh Sikka (Metaflex), Mr. Mahesh Kumar (Paharpur), Mr. Vipin Agrawal (Samsung), Mr. Ashwani Sharma (Voltas), Mr. Rajesh Ranjan (Zamil), Mr. Suresh K. Choudhary (Advance Ventilation), Mr. Narendra Gandhi (Trane), Mr. Amrish Chopra (Anergy) and Mr. Shiv Batra (Carrier). We were fortunate enough to have Mr. Jagdeep Singh (President, Delhi Chapter of ISHRAE) and Dr. Rajinder Singh (President, ASHRAE INDIA).

Mr. Jagdeep Singh, welcomed all the dignitaries. He briefed the very purpose of the need of the training institute in MEP industry to enhance the skill of the professionals. He gave the analogy that training of the graduate engineers is similar to the cutting of the stone in the right size and direction and then finally polishing them to produce a diamond.



**Welcome address by Mr. Jagdeep Singh**



**Descriptive words by Mr. S.P. Jain**

Mr. S.P. Jain, Managing Director of Sanelac Consultants Pvt. Ltd. and Chairman of the Building Services Design and Energy Institute, briefed about the purpose of the institute and vision behind it. He elaborated that the young professionals are tools of the MEP industry and hope that this Institute will fulfill the need of the industry.

He also explained that the institute will not only train the graduate engineers but also the executives who are already in the practical field.





**Inspiring talk by Dr. P.C Jain**

Chief Guest, Dr. P. C. Jain, Chairman Emeritus, Aecom India, Chairman IGBC, emphasized on the importance of institute in MEP Industry.

He elaborated that we need to learn from the developed countries but India need not to copy them. He emphasized the importance of green buildings, so that the buildings which are coming up shall be in harmony with nature. The training needs to be geared for Builders, Architects, Engineers, Contractors and trade people who need a more in depth understanding of how to build green.

Mr. Kanwaljeet Jawa, Managing Director of Daikin Air-conditioning, highlighted that the big barrier in the growth are the skilled people, he said "you do not get people you need". He mentioned that the biggest challenge, the MEP industry is facing is the trained workforce. There is a clear mismatch in supply and demand of skilled workforce not only at executive level but also at the level of installation of the air-conditioning system. He emphasized that the training institute today should cater to the tailor made programme for the industry.



**Words of wisdom by Mr. Kanwaljeet Jawa**



**Speech by Dr. A.K Saluja**

Dr. A.K Saluja, Managing Director of Building Services Design & Energy Institute, elaborated that today's students are tomorrow's leaders. There is a growth in the industry but where are the people. Hence by training them they become the better professionals for the industry.



Mr. Sanjay Batra, Director Engineering of Medanta Hospital, emphasized that the institute should consult people from the industry. This institute has to be a differentiator. He also advised to tie-up with some owners, clients, so that the trainees can go and practically see the installation / operation of the buildings. This will help mechanical engineer not to, become just the AC engineer but also the all-rounder as industry needs all-rounders.



**Critical Analysis by Mr. Sanjay Batra**



**Presentation by Ms. Priyanka Jain**

Ms. Priyanka Jain, Director Training & Development of Building Services Design & Energy Institute, explained in detail on all the programmes planned to be conducted in the Building Services Design & Energy Institute now and in the near future. The programme shall be structured as well as the customized as per the need of the industry.

Vote of thanks for the inaugural function was proposed by Dr. Varun Jain, Director- Technical of M/s Sanelac Consultants Pvt. Ltd.



**Vote of thanks by Dr. Varun Jain**



**Class Room Inauguration**



## Registration

Participants registering for First Design Workshop on Psychrometry.



### Registration Desk

50 participants registered for the workshop.

## Design workshop on Applied Psychrometry



### Dr. A.K. Saluja delivering the lecture on Psychrometry

In this Institute we organize several types and different levels of Training in the Field of MEP Services. Programs are well defined and Designed for various categories, such as:

- Heating Ventilation & Air Conditioning (HVAC) Services & System  
(**Design Workshop on Applied Psychrometry on 17th - 18th December 2015**)
- Building Electrical Services & System
- Public Health Engineering
  - Drainage and water supply systems
  - Steam and hot water system
  - STP & Rainwater Harvesting
- Fire Protection system
- BMS, Fire alarm and Voice evacuation, CCTV and Access control for buildings.
- BIM/ Revit MEP
- Green Building  
(**Design Workshop on Green Buildings on 22nd - 23rd February 2016**)
- Renewable Energy and its utilization

### **Past Activities:**

1. ISHRAE conducted Five days ISHRAE CERTIFICATION Program during 6th to 10th January 2016
2. Design Workshop on Applied Psychrometry on 17th - 18th December 2015

### **Forthcoming Programs:**

1. Design Workshop on Green Buildings on 22nd - 23rd February 2016
2. Industrial Training program in the field of Refrigeration & Air-conditioning
3. Setting up the Air-conditioning Labs with Latest Configuration.





2015

**Event Date**

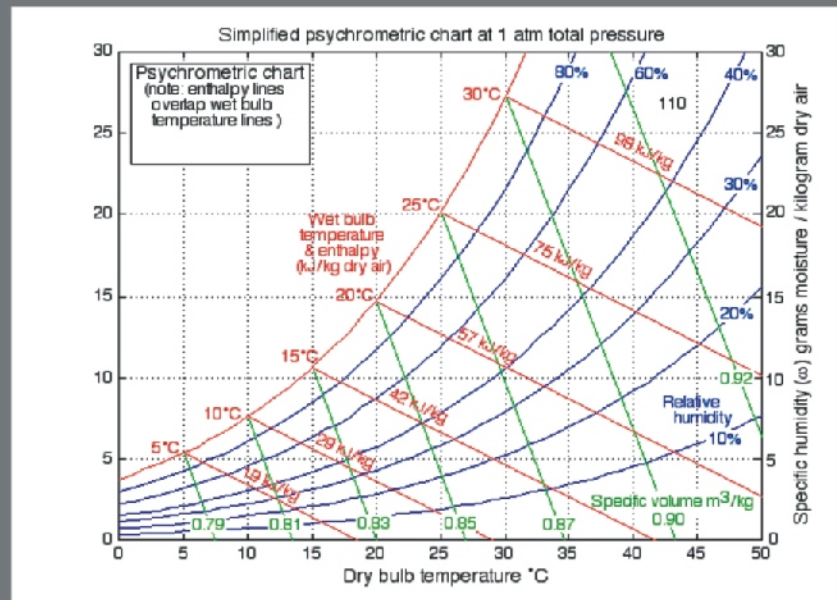
17<sup>th</sup> – 18<sup>th</sup> Dec 2015  
9:30AM to 5:30PM

**Event by:****MEP a2z**

# DESIGN WORKSHOP ON APPLIED PSYCHROMETRY

Detailed Explanations by Dr. A. K. Saluja

A complete understanding of Properties, Chart, Processes and Advanced Psychrometry



Mr. S P Jain  
Chairman

Dr. A K Saluja  
Managing Director

Mrs. Priyanka Jain  
Director – Training & Development

Mob: 09540831300  
Ph: 011-40503959,  
011-26385310

**Participation Fee: Rs. 5000/-**

**Venue:**

**BUILDING SERVICES DESIGN & ENERGY INSTITUTE**

C-64/2, First Floor, Okhla Industrial Area,

Phase-II, New Delhi-110020

[www.mepa2z.com](http://www.mepa2z.com)



2016



**Event Date**  
22<sup>nd</sup> – 23<sup>rd</sup> Feb 2016  
9:30AM to 5:30PM

**Event by:**

**MEP a2z**

## DESIGN WORKSHOP ON GREEN BUILDINGS

**Detailed Explanations:**

- Dr. P C Jain, AECOM - An exposure to Green Buildings.
- Mr. Ashish Rakheja, AEON - Design approach to Net Zero Energy Buildings and Green Building rating system.
- Mr. Ashish Jain, AEON - Analytics of Computer Simulation led Building Designs.



Mr. S P Jain  
Chairman

Dr. A K Saluja  
Managing Director

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