

HVAC systems in health care facilities are for patients, healthcare workers & visitors & all should remain safe in the environment. The HVAC systems are in support of patients who are uniquely vulnerable to elevated risks of health, fire and safety hazard. Healthcare facilities vary widely in the nature & complexity of services provided for injury or degree of illness of patients

This workshop covers the design aspects for HVAC systems for all the critical areas of healthcare facilities together with the associated areas viz. laboratories, outpatient areas, patient rooms etc.

Contamination control methods, validation of the built systems and maintenance criteria are also a part of the workshop.

This workshop is of two sessions of 3 hours each and is conducted by Mr. B Gautham Baliga & Mr. Prashant Desai.

Mr. Prashant Desai



Prashant is a 1981 graduate in Mechanical Engineering from Indian Institute of Technology, Kharagpur. He has 34 years' experience in companies such as Voltas Ltd., Blue Star, Johnson Controls and Suvidha Engineers.

He has been involved with design and setting up of various pharmaceutical and clean room projects since 1992 and along the way has gained immense experience in HVAC and control systems associated with these projects including expertise in maintenance and trouble shooting. He is founder Director with ELM Enterprises Pvt. Ltd, a specialist HVAC company.

Prashant is on the panel of ISHRAE DL and lectures on topics related to Clean-rooms ,Healthcare, Commissioning and Validation.

Mr. B Gautham Baliga



Gautham is a graduate mechanical engineer from IIT Kharagpur, 1979 batch and has worked with Voltas Ltd for 8 years.

He is director at OPAL HVAC Engineers Pvt Ltd, Mumbai, a company which specializes in HVAC systems for Healthcare, pharmaceutical and industrial HVAC systems.

He is also a Partner with RS Kulkarni HVACR Engineers, Pune

He is an active member of ISHRAE in which he has been on the Editorial Board of the ISHRAE Air-conditioning and Refrigeration Journal.

He is the Chair for the Healthcare TG [Technical Group] which is tasked to bring out Healthcare Guide for HVAC for Healthcare Spaces later this year.

Gautham is on the panel of ISHRAE DL and lectures on topics related to Clean-rooms and Healthcare.