



**KPR INSTITUTE OF ENGINEERING
AND TECHNOLOGY**

(Autonomous)
Arasur, Avinashi Road, Coimbatore



DEPARTMENT OF BIOMEDICAL ENGINEERING

Report on – A One Day International Virtual Seminar on

“Indoor Air Quality Maintenance and Improvement for Cleanrooms in Hospital and Laboratories”

The Department of Biomedical Engineering in association with Biomedical Engineering Society of India (BMESI) conducted a One Day International Virtual Seminar on “Indoor Air Quality Maintenance and Improvement for Cleanrooms in Hospital and Laboratories” on 11th July, 2020 (Tuesday). The event was sponsored for RS.5000/- by BMESI.

The current pandemic situation is the opportune time to discuss about the importance of air quality. This motivated us to conduct a virtual seminar on the importance of managing air quality.

The resource person for the virtual seminar was Mr. M.Maniventhan, Program Chair – ISHRAE Chennai Chapter, Director – Thermoflux Systems Pvt Ltd. His experience and excellence in the field of HVAC and Filtration units enlightened the participants minds on improving the air quality and maintaining it.

The poster features the KPR Institute of Engineering and Technology logo at the top left, the BMESI logo in the center, and a list of the organizing committee on the right. It includes details about the date (11 July 2020), time (10.00am - 11.30am), and the resource person, Mr. M. Maniventhan. It also mentions that certificates will be provided for registered participants and lists the registration fee as RS.100/- for industry persons, free for students and academicians. The registration link is <https://forms.gle/XWTdQ2bYZ4kiyd67> and the contact number for queries is 9003074736.

There were approximately 650 participants registered for the event. Those included participants from Internations like United Arab Emirates, United Kingdom, Bangladesh, Nigeria and Belgium. There were participants from different states of India namely – Tamil Nadu, Telungana, Andhra Pradesh, Meghalaya, Bihar, Gujarat, Haryana, Karnataka, Rajasthan, Sikkim, Uttarkand, Uthar Pradesh, Tripura, West Bengal, Assam and Madhya Pradesh. Participants also joined from Jammu & Kashmir and Puducherry. Out of these 4 people were from Industry.

The session started with a welcome address and introduction of the guest by the head of the Department of Biomedical Engineering, Dr. P.Sreelatha.

A special mention has to be given for the presence of Dr. G Muralidhar Bairy, B.E(E&C), M.Tech(BME), Ph. D(BME), Member of IEEE, IE, BMESI, ISTE Associate Professor senior scale) and Head, Department of Biomedical Engineering, MIT, Manipal Academy of Higher Education and the Director of BMESI with us in the session.



Nearly 270 participants attended the session. The session was completely focussed on discussion the following 3 points.

1. Basics on HVAC
2. Overview on Indoor Air Quality
3. Certifications and standards related to Healthcare Facilities and Laboratories.

The session had a query session for 30 minutes in which so many interesting questions are posted by the participants.

