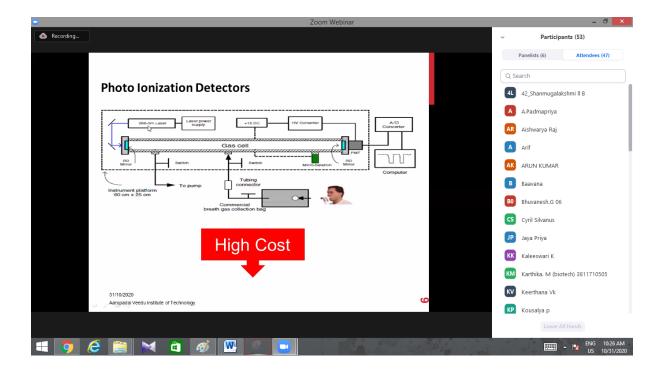


DEPARTMENT OF BIOMEDICAL ENGINEERING

REPORT

Webinar to our faculties and students on the topic "NON INVASIVE DISEASE DIAGNOSIS BREATH ANALYSIS" on 31.10.2020.



The Department of biomedical engineering conducted a Webinar to our faculties and students on the topic "Non Invasive Disease Diagnosis Breath Analysis" on 31.10.2020. The guest speaker Dr.Ramji Kalidoss, Associate Profesor, Department of BME, Bharath Institute of Higher Education and Research, Chennai. There were about $50_{\scriptscriptstyle +}$ students and faculties attended this webinar.



This webinar insists the Various breath analysis techniques which could be utilized in the diagnosis of several diseases. This webinar also address the volatile organic compounds, Instrumentation involved in each device used for disease diagnosis like CKD, cancers-research projects. This explains the different volatile compounds those are responsible for the respective disease diagnosis. It also explains in detail about the sensors and instrumentation used in monitoring. It explains about types of gas sensors and delivers the various projects based on Nano sensors. It also enumerated about the any other issues related to breath analysis.