



**AARUPADAI VEEDU
INSTITUTE OF TECHNOLOGY**
OMR, PAIYANOR, CHENNAI - 603104



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AVIT

DEPARTMENT OF BIOMEDICAL ENGINEERING

Report– A GUEST LECTURE ON “VENTILATORS AND ECMO”

29th January 2020

No. of. Participants- 33

Resource persons: Mrs. R. JANSI RANI, Application Specialist, Breas Medicals.

The Department of Biomedical engineering conducted a Guest lecture on “VENTILATORS AND ECMO” on 29th January 2020.

The topics covered in seminar

- Briefly explained about the Anatomy of lungs
- Briefly explained about the Respiration capacity
- Awareness on job opportunities for Biomedical engineering was given.
- Explained briefly about ventilators and its types with block diagram.
- Explained briefly about ECMO and its types with block diagram
- Discussed briefly about difference between Ventilators and ECMO.

Seminar Outcome

- Students understood the Anatomy of lungs
- Gained knowledge on the Ventilators and ECMO

Students Suggestion

- To conduct Hands on training on servicing the ventilators and ECMO.
- To arrange inplant training in biomedical Companies.

- This Guest Lecture was conducted by Dr. M. Ravindiran, HOD of Biomedical Department and co - ordinated by Ms. B. Farhana Ansoor Assistant Professor (Gr-I)

