



DEPARTMENT OF BIOMEDICAL ENGINEERING

**In Association with
FORCE BIOMEDICAL**

WEBINAR REPORT

On

**“ROLES AND RESPONSIBILITIES OF BIOMEDICAL
ENGINEERS IN COVID 19 PANDEMIC ”**

18.05.2021

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BROUCHER



AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



**VINAYAKA MISSION'S
RESEARCH FOUNDATION**
(Deemed to be University under section 3 of the UGC Act 1956)



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RECOGNIZED BY DSIR

Department of Biomedical Engineering in association
with Force Biomedical jointly organizes

WEBINAR ON ROLES AND RESPONSIBILITIES OF BIOMEDICAL ENGINEERS IN COVID 19 PANDEMIC

Registration form URL : <https://forms.gle/1h75S4N2W/QAWkme47>

Date : 18.05.2021, Tuesday | Time: 11.00 am to 12:30 pm

Name of the Resource person:

Dr.R.Vasuki

Professor and Head,
Department of Biomedical engineering
Bharath Institute of Higher Education and research



Dr. K. L. Shunmuganathan,
Principal., AVIT

Convener : Dr. L.K. Hema,
Prof. & HOD / BME & ECE



Event Coordinators:

Ms. B. Lakshmi Shree, Asst. Prof/BME
Ms. Santhoshini Arulvallal , Asst. Prof/BME

Zoom Meeting ID : 889 8769 2140 | Password : VMRF

For Admission Contact @ +91 87545 52018, +91 97894 81724, +91 87545 41024

WEBINAR DETAILS

The Department of Biomedical Engineering conducted a Webinar to our faculties and students on the topic **“ROLES AND RESPONSIBILITIES OF BIOMEDICAL ENGINEERS IN COVID 19 PANDEMIC ”** on 18.05.2021.

At the outset , Dr.L.K.Hema, Professor and Head , Department of ECE/BME, delivered the welcome address , followed by the speaker introduction by Ms.Santhoshini , Assistant Professor, BME and coordinated by Ms.Lakshmi Shree B , Assistant Professor , BME. Later , The chief Guest , Dr.R.Vasuki , Professor and Head , Department of Biomedical Engineering , Bharath Institute of Higher Education and Research with lot of insights about Biomedical devices and Artificial intelligence delivered the webinar which involved the current technology and devices in biomedical field in relation with covid pandemic situation . Dr.Vasuki shared many valuable insights of role of biomedical engineer's and their contribution in this pandemic , to our budding engineers .

Many new topics like Face shield , John Hopkins medicine , New helmet and tent for Covid warriors , thermal imaging developments and even the new Black virus concepts were briefed . The roles and responsibilities of a biomedical engineer in developing and utilizing this product along with the professional involvement and demand for Biomedical engineers were explained to the students.

This Webinar also involved a interactive session in which , the students asked doubts regarding their career , various biomedical opportunities available and internships that they can undergo for the benefit of their future . Overall it was a wonderful opportunity to know the current situation and the role of a Biomedical engineer which is a major contribution to the medical field.

PARTICIPANTS LIST

| S.NO | NAME OF THE PARTICIPANT | PARTICIPANT TYPE |
|-------------|--------------------------------|-------------------------|
| 1 | AISHWARYA RAJ | STUDENT |
| 2 | ARUNI P | STUDENT |
| 3 | DIVYA S | STUDENT |
| 4 | JAYAPRIYA L | STUDENT |
| 5 | JEFFRY J | STUDENT |
| 6 | KOUSALYA P | STUDENT |
| 7 | LAKSHMI B | STUDENT |
| 8 | MANISHKUMAR S | STUDENT |
| 9 | MONISHA M | STUDENT |
| 10 | SHARIFKHAN S | STUDENT |
| 11 | SHEIKABDULBASITH M S | STUDENT |
| 12 | SOWMIYA D | STUDENT |
| 13 | SRILEKHA M | STUDENT |
| 14 | SRIRANJANI T | STUDENT |
| 15 | VASANTHI B | STUDENT |
| 16 | PRIYANGA S | STUDENT |
| 17 | PADMAPRIYA A | STUDENT |
| 18 | LINGADHARINI P | STUDENT |
| 19 | NAZEER HASSAN | STUDENT |
| 20 | SHABEENA AMIN | STUDENT |
| 21 | RAMZANI | STUDENT |
| 22 | SAJAN KUMAR | STUDENT |
| 23 | SARATH KUMAR | STUDENT |
| 24 | MOHANA PRIYA | FACULTY |
| 25 | SITA DEVI BHARATULA | FACULTY |
| 26 | SANDHIYA R | FACULTY |

| | | |
|----|------------------------|---------------------|
| 27 | PRABHAKARAN V | FACULTY |
| 28 | SANTHOSHINI ARULVALLAL | FACULTY |
| 29 | KISHORE KANNA | OUTSIDE PARTICIPANT |
| 30 | SPOORTHI NK | OUTSIDE PARTICIPANT |
| 31 | M VARSATH | OUTSIDE PARTICIPANT |
| 32 | AMBATI ANITHA | OUTSIDE PARTICIPANT |

No of Students : 23

No of Faculty : 05

No of Outside Participants : 04

EVENT GALLERY

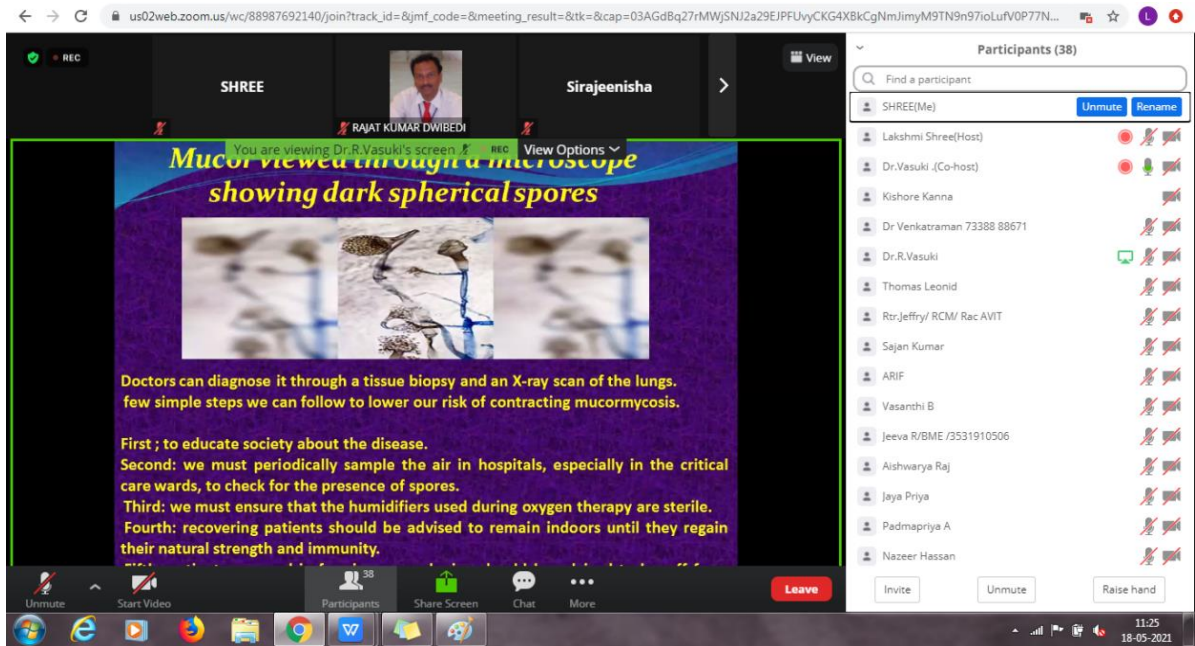


Fig 1 : Representation of Black Virus

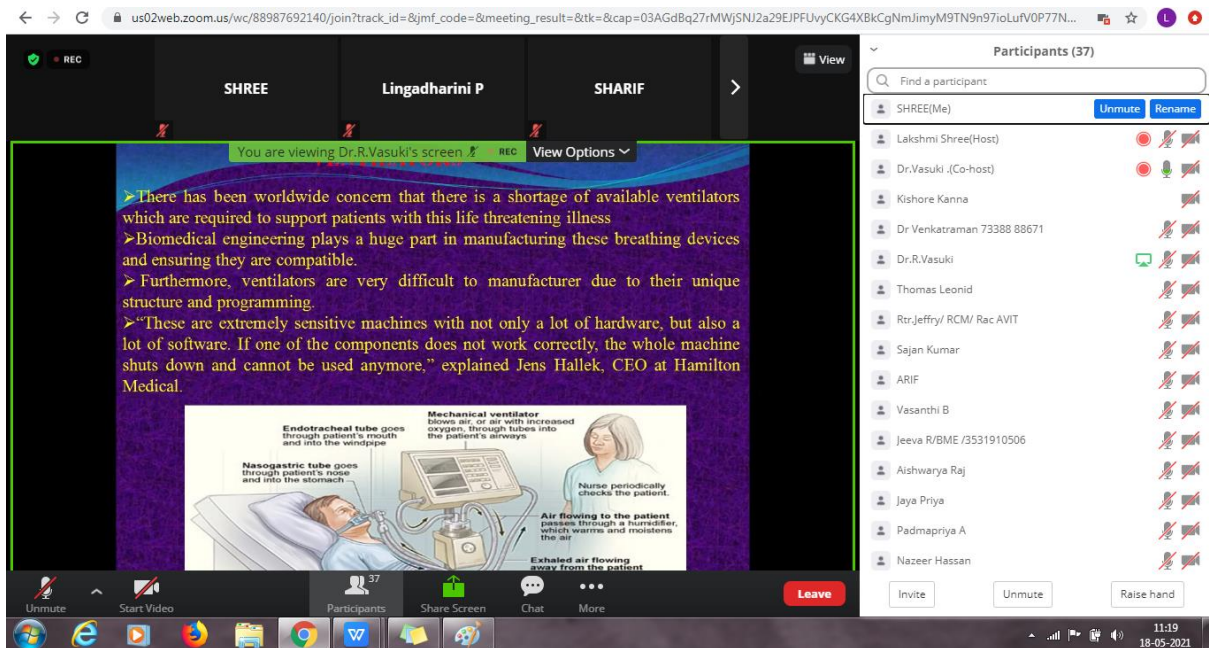


Fig 2 : Importance and Demand for Ventilators

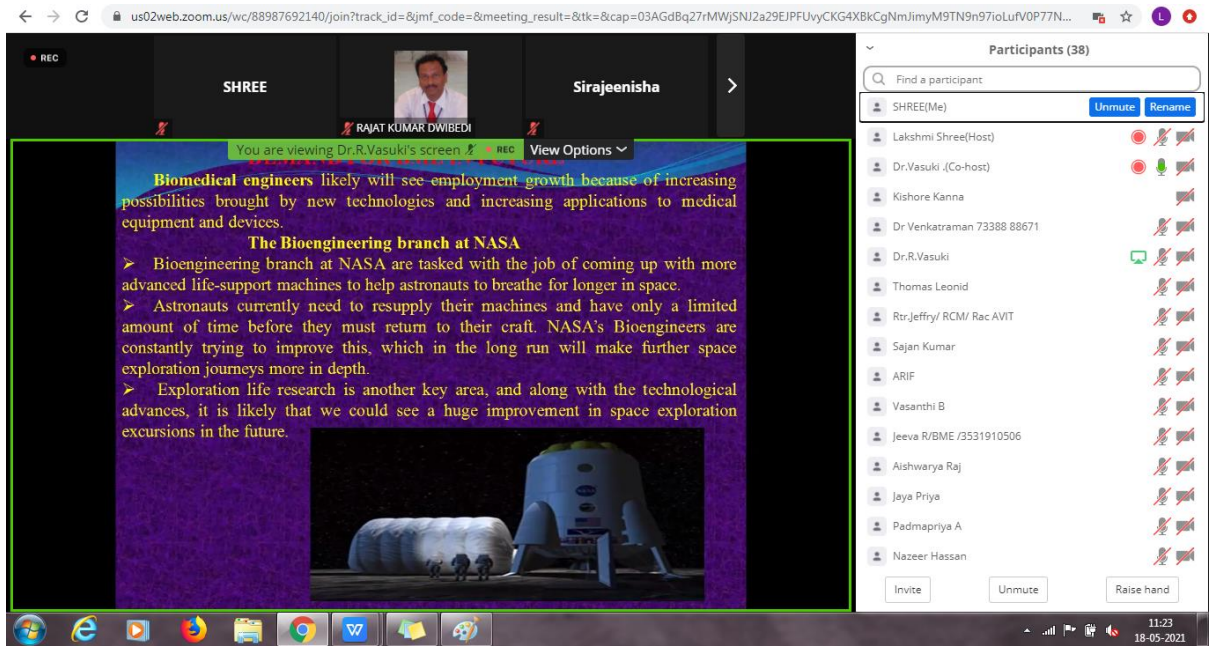


Fig 3 : Biomedical opportunities and developments in NASA

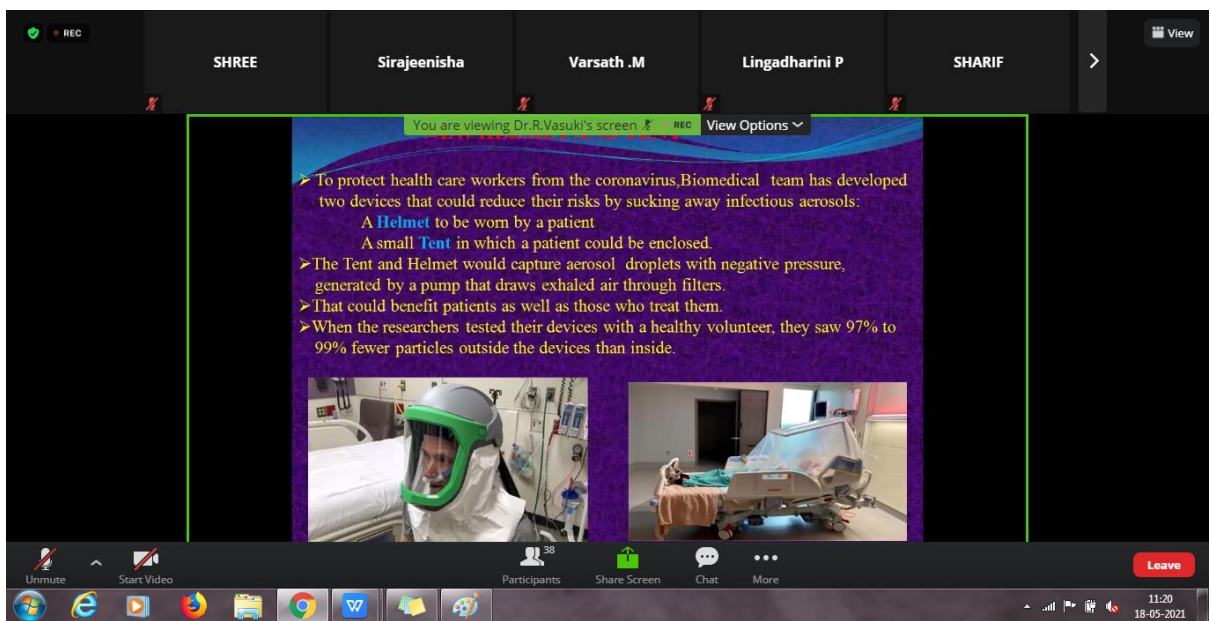


Fig 4: New helmet and Tent for Covid Warriors