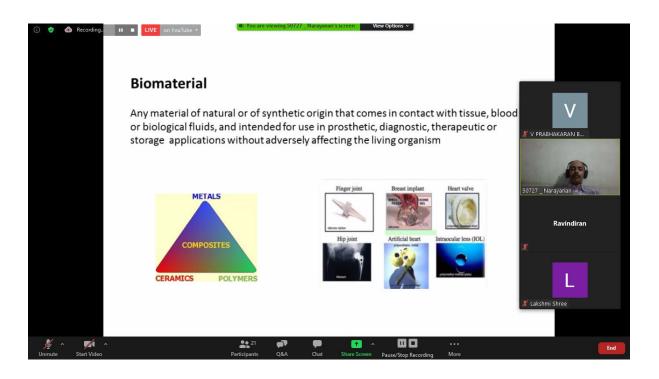


DEPARTMENT OF BIOMEDICAL ENGINEERING

REPORT

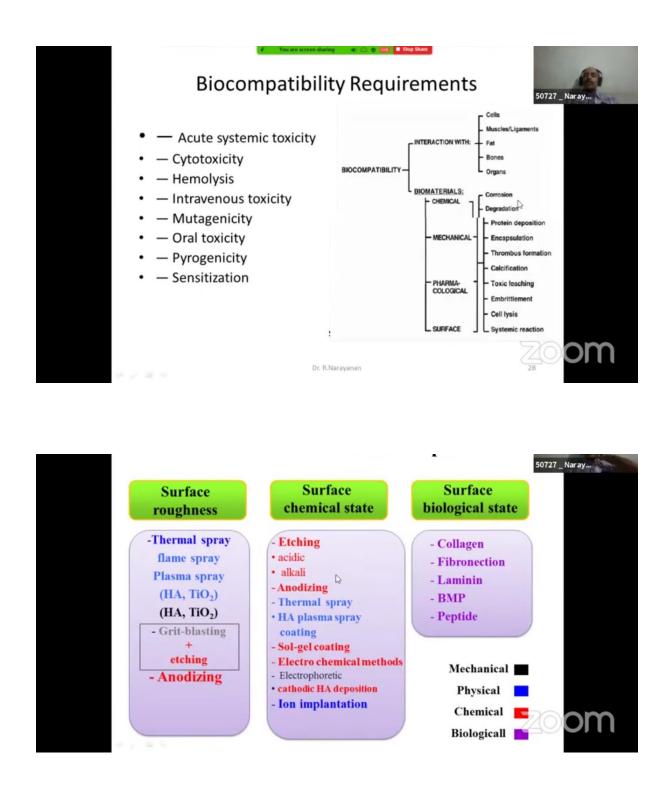
Webinar on the topic "Advancement in Bionanomaterials" held on 29.10.2020.

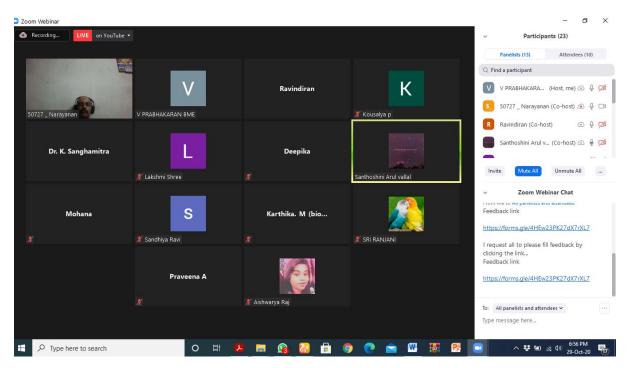


The Department of Biomedical Engineering conducted a Webinar to faculty member and students on the topic "ADVANCEMENT IN BIONANOMATERIALS" on 29.10.2020.

The guest speaker **Dr.R.Narayanan**, Associate Professor (Sr), Vellore Institute of Technology (VIT), Chennai have bought lot of insights and research on the recent trends involved in Bionanomaterial and also novel materials for synthesis of implants. He also discussed about various types of ferrous alloys used for bionanomaterials. He also inforced the advancement and necessity for Titanium alloys and an alternative material of implant replacements. Many composite materials with respect to strength and stiffness including Fibers, Resins and other typical materials are also discussed.

This webinar also covered the various aspects for Surface roughness, Surface Chemical state, Surface biological state for many bio compatible materials including mechanical, physical, chemical and biological characteristics.





Finally, the webinar is ended with a formal vote of thanks and feedback also received from various participants for quality improvements.