

**Savitribai Phule Pune University**



विज्ञान एवं प्रौद्योगिकी विभाग  
DEPARTMENT OF  
**SCIENCE & TECHNOLOGY**



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Vice Chancellor, SPPU  
**Chief Patron**

**Technology Enabling  
Center (TEC)**

**DST - SPPU**

**NEWSLETTER**

**Year 3 Volume 2**



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PI – DST-TEC-SPPU  
**Chief Editor**

**DST – Assigned Mentor**



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Professor, Mechanical Engineering  
**IIT Madras (IITM)**

**JULY 2021 – DEC 2021**

**By:  
DSTs  
Technology Enabling Center (TEC)  
SAVITRIBAI PHULE PUNE UNIVERSITY**



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**DST – Mentors – Authorities - Advisors**

## Introduction: TECHWINGS FROM DST-TEC – Details of the incubatees

DST-TEC at SPPU supported following incubates during July to December 2021.

Sr No	Name of the company/start up	Description of support provided at DST-TEC at SPPU
1	Medimenter : IoT based Medical reporting/monitoring	Connects and access with hospitals (during covid-19 pandemic time), Connects with health universities for data and dissemination
2	Taksha: Animation, 3D, VFX	Access to student community, Participation in capacity building programs, HPC connect
3	Four Forces Aero Products: Aerial and Aviation related products and technology	Access to student community, Participation in capacity building programs, HPC connect

## Activities carried under DST-TEC at SPPU during July 2021 – December 2021:

Following table presents a summary of the activities carried out under DST-TEC at SPPU during July 2021 – December 2021:

Date	Activity	Outcomes
6 <sup>th</sup> July 2021	<b>Online workshop on Mechanical Ventilation: Introduction to Respiratory System</b>	18+ participants from various <b>medical</b> institutes participated, feedback was good.
August 2021	<b>10 IPR awareness online sessions</b>	101+ stakeholders participated, Introduction to Intellectual Property Rights and its relevance in current scenario, Introduction to Designs In IPR, Introduction to Trademark and Copyright law
13 <sup>th</sup> September 2021	<b>On-line IoT workshop for POCs</b>	68+ participants, hands on skills were imparted for designing and developing IoT (Internet of Things) skillsets for quick creation of POCs. Participants gave positive feedback as these skill sets will help them convert their ideation into prototype systems.
11 <sup>th</sup> October 2021	<b>Pre-incubation 3.1</b>	39+ stakeholders, pre-incubation activity, ideation, quizzes, cash prizes. 1 group selected for furtherance.
November 2021	<b>4 On-line IPR workshops</b>	17+ incubated participants, Trademark and Copyright filing procedure – Do's and Don'ts, Patent application procedure, Introduction to Designs In IPR, Trademark infringements and how to deal with them
6 <sup>th</sup> December 2021	<b>On-line session on IT Healthcare</b>	29+ participants, AI applications in Healthcare, Digital technology & Medical mentoring, Improving patient safety using software, Digital platforms for Quality Improvement

**Glimpses of various activities conducted:**



**Various Activities conducted from January to June**



**Various activities conducted from July to Dec 2021. All the activities were conducted in hybrid online + offline mode as per norms. This gave clear idea on Technology Infra-footprint of SPPU TEC, current associations, start-up space and corporate quadrants to the potential stakeholders.**

## Success story 3.1 incubated at TEC: Medimenter

### Paid Pilots

**USA**

One of the Top 2 Medical schools in the US

**Africa**



UNIVERSITY TEACHING HOSPITAL  
MINISTRY OF HEALTH  
Government of the Republic of Zambia

**India**



Deenanath Mangeshkar Hospital & Research Center



TAPASYI  
An educational initiative by T.C.R.C.



Arogya Foundation of India



Savitribai Phule Pune University



FREC

# MEDIMENTOR





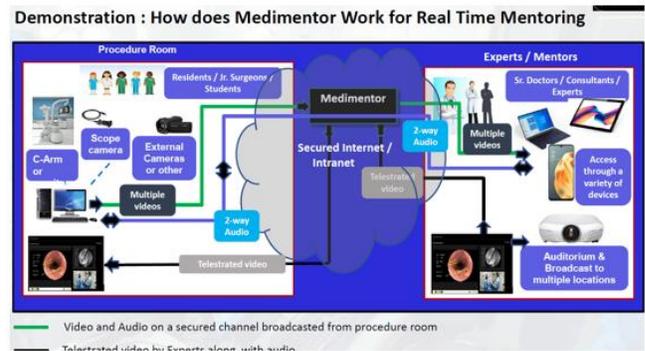
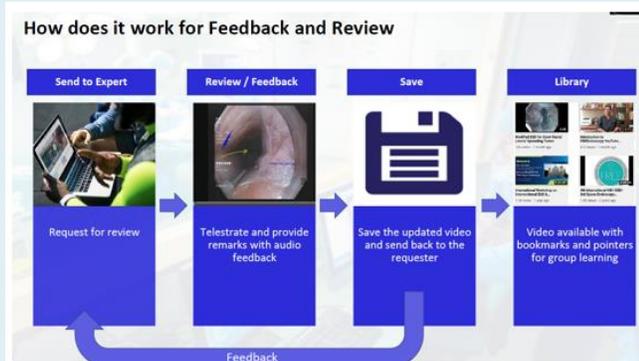
**Accelerate Learning**      **Improve Access**      **Enhance**

For Medical Procedures

**Collaboration package**

- Video feeds from single user
- Multi-way telestration / annotation
- Audio
- Recording to local or cloud storage

**End Privacy**



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