

## SSN Centre for Innovation and Best Practices in Education (SCIPE)

SSN Centre for Innovation and Best Practices in Education chaired by the President, SSN Institutions, is constituted to look after the streamlining of the best practises and innovations in the teaching learning process.

It offers a framework and technology for online learning, flipped classrooms, online assessments, open book tests, contactless attendance system, value added courses/ online sessions with international experts in the field, virtual labs, and related infrastructural requirements.

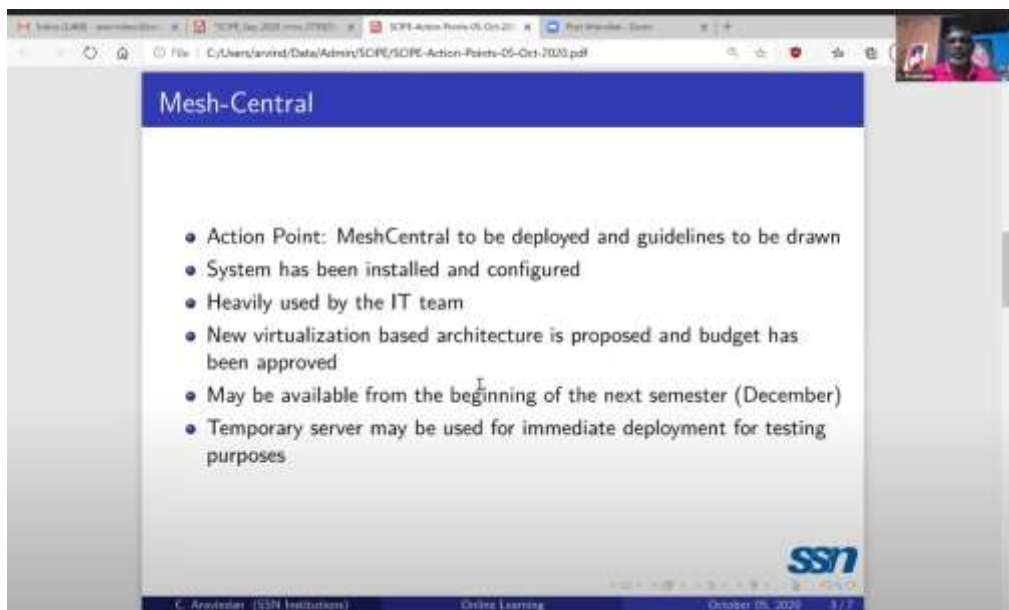
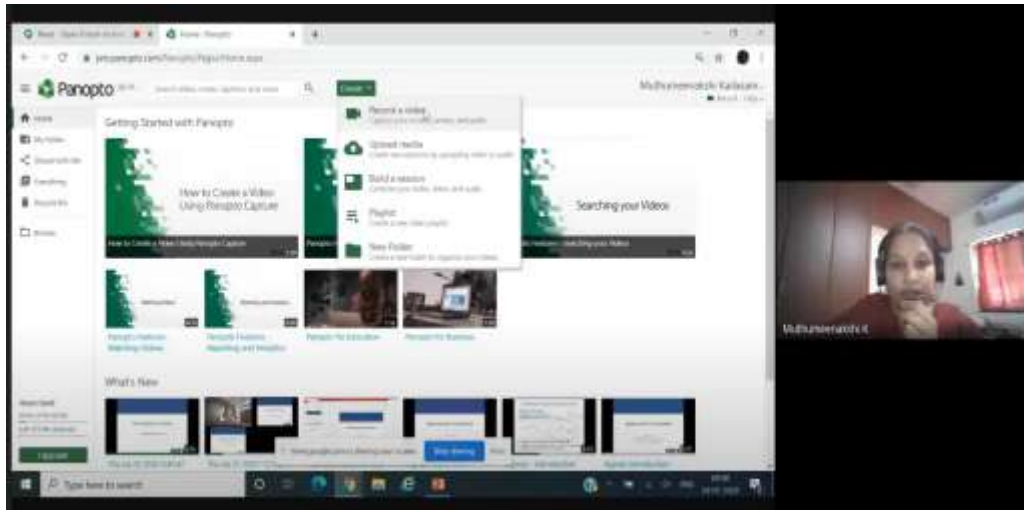
Thanks to the initiative of the SCIPE, all faculty at SSN are provided with multimedia teaching aids (Webcam, Headset, and digital writing pad).

SSN has campus wide licence for Panopto (video creation, editing and hosting platform), MS Teams to conduct online sessions, Microsoft Office 360 and various other digital products.

SSN also has campus wide licence of MATLAB and Mesh Central to conduct the remote lab sessions.

**Virtual Laboratory Classes**

- Non Computer Based labs**
  - Explaining concept using ppt
  - Video demonstration recorded in our lab
  - Virtual analysis
  - Calculation and submission in LMS
- Computer Based Lab**
  - Screen Recording from the college system in which the software is installed
  - Sharing to students in LMS
  - Task discussion in the zoom Class
  - Complete the respective exercise and submit in LMS



Achieving  
excellence in online  
education.

Ganesh Samudra

### Initial Suggestions

- ✦ Finalize platform for online video communication (such as Zoom, Teams, Meet)
- ✦ Finalize platform for creating pre-recorded videos (such as Panopto)
- ✦ Adopt pedagogies suitable for online education (such as Flipped classroom)
- ✦ Identify platform for conducting virtual labs
- ✦ Identify techniques and platform for online assessment
- ✦ Conduct training programs for faculty members