



SINHGAD TECHNICAL EDUCATION SOCIETY'S

# SINHGAD INSTITUTE OF TECHNOLOGY

(Affiliated to SavitribaiPhule Pune University, Pune & Approved by AICTE)

Gat No. 309/310, off Mumbai Pune Expressway Kusgaon (Bk), Lonavala Pune – 410401

website: sit.sinhgad.edu

## Career Counseling Centre

### Hands on Workshop on Virtual Student Labs for Online Teaching Learning Activity Report AY 2020-21

#### Vision and Mission Statement: Institute

उत्तमपुरुषान् उत्तमाभियंतृन् निर्मातुं कटिबद्धाः वयम् ।

We are committed to produce not only good engineers but good human beings, also.

#### Mission

Holistic development of students and teachers is what we believe in and work for. We strive to achieve this by imbibing a unique value system, transparent work culture, excellent academic and physical environment conducive to learning, creativity & technology transfer. Our mandate is to generate, preserve and share knowledge for developing a vibrant Society.

#### Vision and Mission of the Department

##### Objectives of Cell:

The objective is to achieve the excellence in Technical Education, by acquiring autonomous status to the institutes with recognition at national and International level. For this, we are committed to:

- Promote awareness and participation in competitive exams
- Promoting foreign language program, Entrepreneurship amongst students
- Encouraging Alumni interaction cell.
- Create environment for Research and getting industry-sponsored projects for students.

##### Long Term Goals

- To produce competent professional engineers
- To create excellent teaching learning facilities
- To foster research in the field of mechanical engineering for the benefit of society

##### Short term Goals:

- To successfully implement the activity plan evolved through faculty and students deliberations
- To upgrade laboratories with excellent facilities for implementation of curriculum and consultancy
- To arrange specific skill development programs, National conferences, Technical festivals and other activities for overall development of students
- To improve the qualifications of staff consistently to match the professional and technical requirements of society.



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## Career Counseling Centre

<b>Title of Activity (AY 2020-21)</b>	
<b>Day:</b>	1 day
<b>Date:</b>	28 May 2021
<b>Venue:</b>	SIT, Lonavala (Online mode)
<b>Time:</b>	from 10:30 am to 12:30 pm
<b>Staff Co-coordinator:</b>	Prof. Swapnil Shinde
<b>Student Coordinator:</b>	Shrinivas
<b>Resource Person:</b>	Prof Yogini Raut
<b>Event Conducted Under:</b>	Department of Mechanical Engineering
<b>Activity Type:</b>	Virtual labs awareness
<b>Target Group:</b>	Students and faculties of S.I.T Lonavala and other colleges
<b>Program Objectives :</b>	To create awareness in students and faculties as well as faculties regarding virtual labs.

### Brief Summary of the Event / Program

Youtube link of event:

[https://youtu.be/7qcma\\_g5gFg](https://youtu.be/7qcma_g5gFg)

➤ Program was well organized by Prof. Yogini .M.Raut and Prof. Mayur S. Raut, Carrier Counselling Head, STES LONAVALA.

The online Virtual labs hands on training workshop was conducted by Prof. Yogini.M.Raut, Eminent Professor from Mechanical department on effective learning skills on virtual labs. Virtual Labs will be made more effective and realistic by providing additional inputs to the students like accompanying audio and video streaming of an actual lab experiment and equipment. For the 'touch and feel' part, the students can possibly visit an actual laboratory for a short duration.

Boucher:





**Sinhgad Institute of Technology, Lonavala**  
**Department of Mechanical Engineering in association with**  
**ISHRAE Students Club**

**Presents**

**“Hands on Workshop on Virtual Labs for Online Teaching Learning”**

E-Certificates will be  
Provided to all Participants

ON  
**28th May, 2021**  
**Time: 10.30 am to 12.30 pm**  
**Registration Link: <https://forms.gle/GzCa8hQCL9e48NBz6>**

**Who Can Attend?**  
**Engineering, Polytechnic,**  
**11th and 12th Science**  
**Students & Staff**

**Campus Director**



**Dr. M. S. Gaikwad**

**Vice-Principal, SIT**



**Dr. D. D. Chaudhari**

**HOD- Mechanical, SIT**



**Prof. S.M. Gaikwad**

**Convener**



**Prof. S.V. Karankoti**

**Coordinator**



**Prof. S S Shinde**



**Resource Person**  
**Prof. Yogini Mayur Raut**  
**Assistant Professor**  
**SIT, Lonavala**



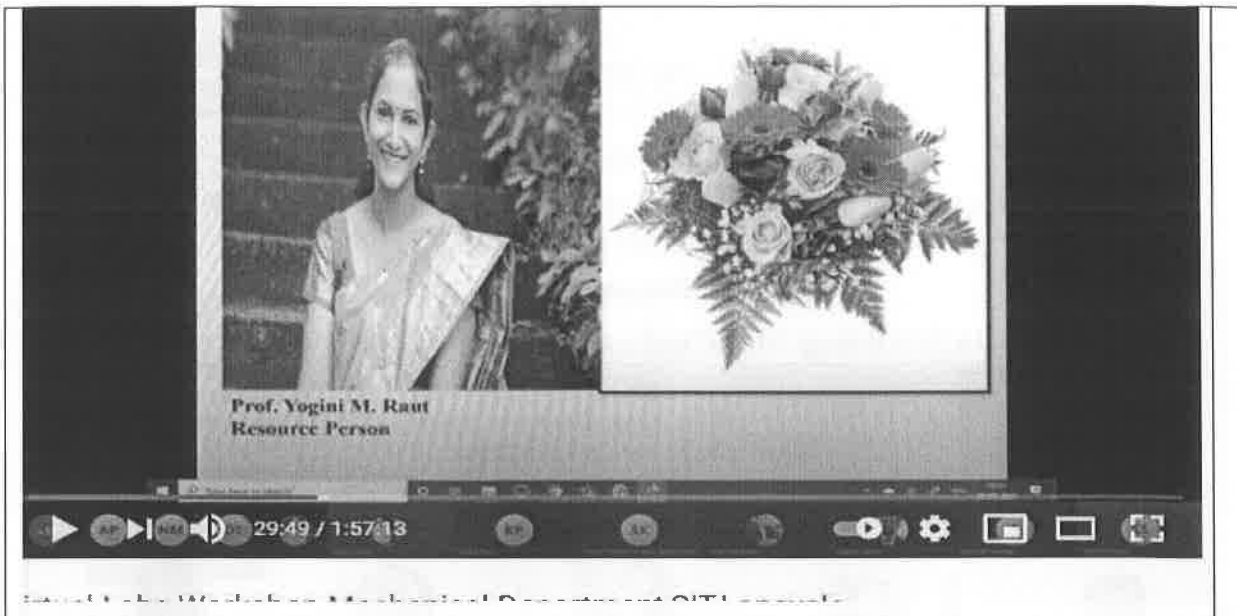
**Mr. V.D Raskar**  
**Technical**  
**Coordinator**

**Contact Details:**  
**Mobile: 8446588182, 9665395377**  
**Email: [svkarankoti.sit@sinhgad.edu](mailto:svkarankoti.sit@sinhgad.edu)**  
**[swapnil.shinde.sit@sinhgad.edu](mailto:swapnil.shinde.sit@sinhgad.edu)**

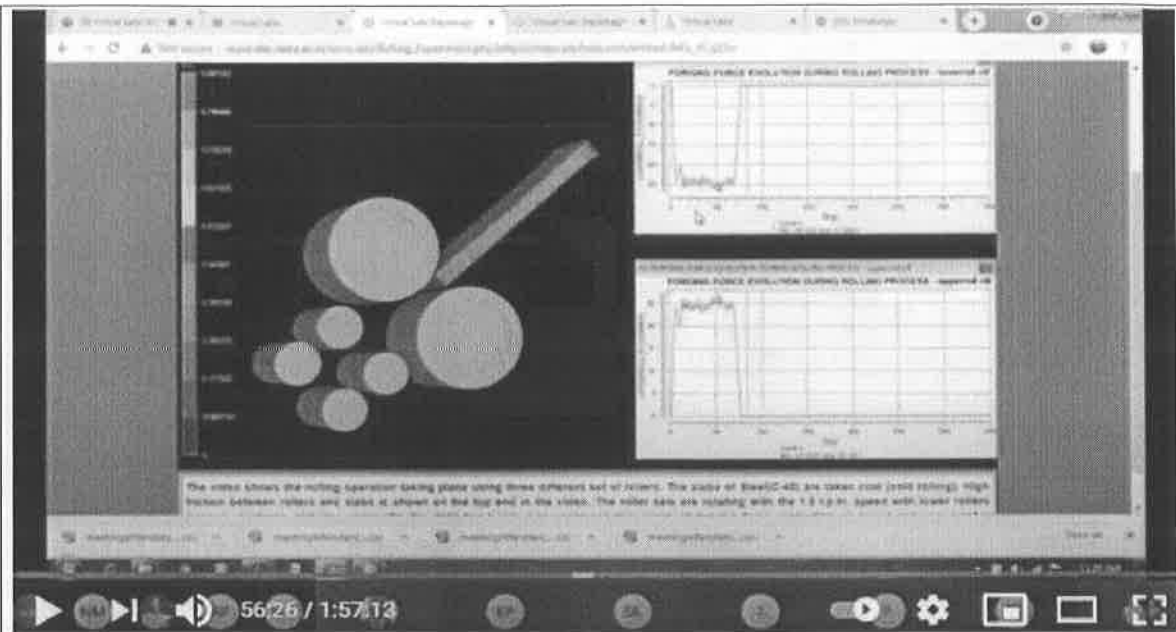
Schedule if any:

Date	Time	Activity carried out
28 May 2021	10:30 am	Inaugural function
	10:45 am	Saraswati poojan and virtual lamp lightning
	10:50 am	Campus director and Principal Dr. M.S.Gaikwad speech
	10:55am	Vice Principal Dr. D.D. Chaudhary sirs speech
	11:00 am	Prof Yogini Raut, Assistant Professor speech and demo on vlabs stars.
	12:30pm	Vote of thanks by Prof Swapnil Shinde

**Photographs of the activity:**



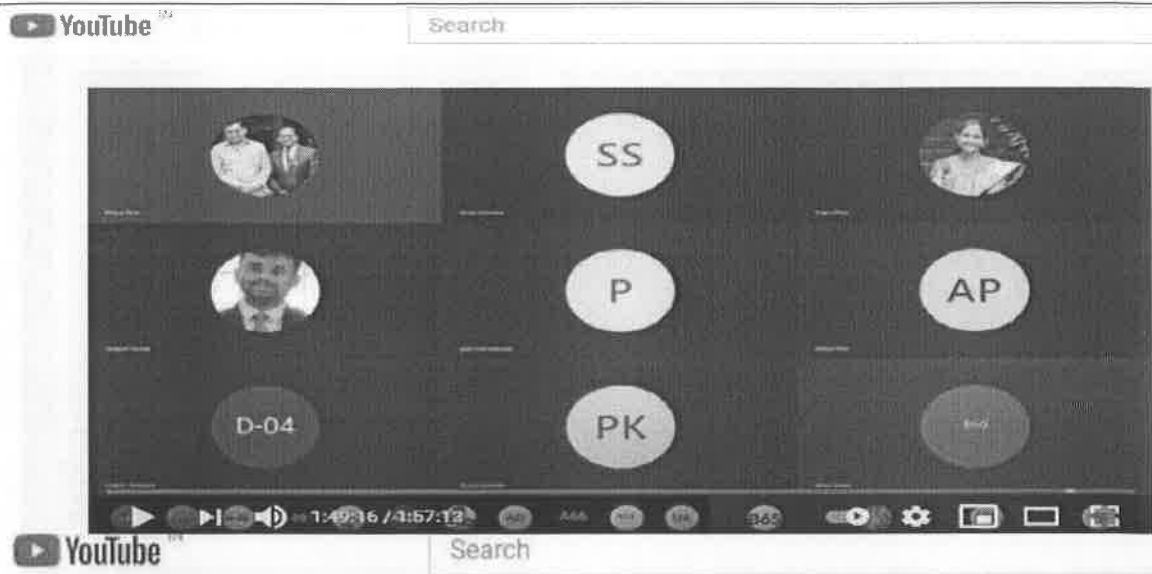
**Certificate for those who completed the course successfully with 60 % attendance**



Performance of Metal forming virtual labs experiments



Performance of VIRTUAL Experiments



Saraswati poojan




Students present in online mode for program

### Outcome

- The program created enthusiasm in students to conduct experiments by the arousing their curiosity. This would help them in learning basic and advanced concepts through remote experimentation.
- To provide a complete Learning Management System around the Virtual Labs where the students can avail the various tools for learning, including additional web-resources, video-lectures, animated demonstrations and self evaluation.
- To share costly equipment and resources, which are otherwise available to limited number of users due to constraints on time and geographical distances .

## Attendance- 89 students present

Full Name	User Action	Timestamp	
Yogini Raut	Joined	28/05/2021	11:47:36
Meet Patel	Joined before	28/05/2021	11:47:36
Gaurav Patil	Joined before	28/05/2021	11:47:36
shrinivas bodhale	Joined before	28/05/2021	11:47:36
Sanket Gohokar	Joined before	28/05/2021	11:47:36
Sheikh Saqlain	Joined before	28/05/2021	11:47:36
Yash Vaze	Joined before	28/05/2021	11:47:36
Vijaykumar Chaudhari	Joined before	28/05/2021	11:47:36
Shivam Pancholi	Joined before	28/05/2021	11:47:36
Arman Ansari	Joined before	28/05/2021	11:47:36
Pratik Kakade	Joined before	28/05/2021	11:47:36
Ved Marale	Joined before	28/05/2021	11:47:36
SHAMKULE SAMIR ASHOK	Joined before	28/05/2021	11:47:36
Shreyash Chavan	Joined before	28/05/2021	11:47:36
WARADKAR ARCHIT BHASKAR	Joined before	28/05/2021	11:47:36
AKHILESH AWACHAT	Joined before	28/05/2021	11:47:36
Omkar Bolave	Joined before	28/05/2021	11:47:36
Omkar Bolave	Left	28/05/2021	11:47:36
Praneet Sasane	Joined before	28/05/2021	11:47:36
Pratik A Jadhav	Joined before	28/05/2021	11:47:36
Viraj Mhaiskar	Joined before	28/05/2021	11:47:36
Viraj Mhaiskar	Left	28/05/2021	11:47:36
Viraj Mhaiskar	Joined	28/05/2021	11:47:36
Adarsh Saroj	Joined before	28/05/2021	11:47:36
Anupam	Joined before	28/05/2021	11:47:36
ANTARIKSH FATKAR	Joined before	28/05/2021	11:47:36
Akshay Dhatrak	Joined before	28/05/2021	11:47:36
Amit Bondage	Joined	28/05/2021	11:47:36
Ashutosh baviskar	Joined	28/05/2021	11:51:07
Krishna biradar	Joined	28/05/2021	11:51:07
Manan Paneri	Joined	28/05/2021	11:51:07
Manan Paneri	Left	28/05/2021	12:03:17
Pratik Karkhile	Joined	28/05/2021	, 12:03:03
Yogesh Mahajan	Joined	28/05/2021	, 12:03:03
Mohan Phate	Joined	28/05/2021	, 12:03:03

  
**Prof Yogini Raut**  
Coordinator

  
**Prof Mayur Raut**  
CCC Head

  
**Dr.M.S.Gaikwad**



**Principal, Sinhgad Institute of Technology**  
**(Dr. M. S. Gaikwad)**  
LonaVala  
**PRINCIPAL**  
**SINHGAD INSTITUTE OF TECHNOLOGY**  
Kusgaon (Bk.), LonaVala-410401