

Date: / /20

MON TUE WED THU FRI SAT SUN



Savitribai Phule Shikshan Prasarak Mandal's  
**SKN SINHGAD COLLEGE OF ENGINEERING**

(Approved by AICTE, Recognized by DTE (MS) & Affiliated to Solapur University, Solapur)

Accredited 'A' Grade by NAAC

DTE Code: EN-6643

**Prof. M. N. Navale**  
M. E. (Elect.), MIE (I), MBA  
PRESIDENT

**Mr. Rohit M. Navale**  
M. E. (Mech.)  
GENERAL SECRETARY

**Dr. K. J. Karande**  
M. Tech., Ph. D. (E & TC)  
PRINCIPAL

**Virtual Lab Committee**  
(COEP and Amrita University)

Sr. No.	Name of Faculty Member	Department	Role
1.	Dr.S.G.Kulkarni	Mech	Head
2.	Prof.P.R.Gadekar	CSE	Central Coordinator
3.	Prof.R.K.Shinde	Mech	Departmental Coordinator
4.	Prof.G.B.Birajdar	ENTC	Departmental Coordinator
5.	Prof.AV.Karande	Civil	Departmental Coordinator
6.	Prof.P.B.Vyavaiare	Electrical	Departmental Coordinator

**Dr. K. J. Karande**  
(Principal)

# SKN SINHGAD COLLEGE OF ENGINEERING

(Approved by AICTE, Recognized by DTE (MS) &  
Affiliated to Panyashlok Ahilyadevi Holkar, Solapur University, Solapur)

Accredited 'A+' Grade by NAAC

At Post- Korti, Taluka-Pandharpur, District-Solapur, Pin-413304



## Virtual Laboratory

### Objectives

1. Objectives o provide remote-access to simulation-based Labs in various disciplines of Science and Engineering.
2. To enthuse students to conduct experiments by arousing their curiosity. This would help them in learning basic and advanced concepts through remote experimentation.
3. To provide a complete Learning Management System around the Virtual Labs where the students/ teachers can avail the various tools for learning, including additional web-resources, video-lectures, animated demonstrations and self-evaluation.

### Broad Areas of Virtual Labs

- Electronics & Communications
- Computer Science & Engineering
- Electrical Engineering
- Mechanical Engineering
- Chemical Engineering
- Biotechnology and Biomedical Engineering
- Civil Engineering
- Physical Sciences
- Chemical Sciences

### Outcomes

1. Virtual labs enable students to perform many experiments that are difficult to perform in real laboratories because of the risks.
2. Virtual labs help teachers and students save time and effort because they don't need to adhere to certain times to enter the lab, or to move from one place to another.
3. Virtual labs enable students and teachers to use the latest technologies.
4. Virtual Labs help users keep up with the technological development of the digital age.
5. Virtual labs provide the convenience of changing the inputs and transactions used in the experiment without worrying about any dangerous effects of these changes.
6. Virtual labs allow students to stay in touch with the Internet, which helps them search and gather information during the experiment.
7. Virtual labs provide a complete Learning Management System (LMS) around the virtual labs where students can avail the various tools for learning including addition web-resources, videos, animated demonstrations and self-evaluation.

Date: / /20

MON TUE WED THU FRI SAT SUN  
☐ ☐ ☐ ☐ ☐ ☐ ☐



**SPSPM**  
Savitribai Phule Shikshan Prasarak Mandal

Savitribai Phule Shikshan Prasarak Mandal's  
**SKN SINHGAD COLLEGE OF ENGINEERING**

(Approved by AICTE, Recognized by DTE (MS) & Affiliated to Solapur University, Solapur)

Accredited 'A' Grade by NAAC

**Prof. M. N. Navale**  
M. E. (Elect.), MIE (I), MBA  
PRESIDENT

**Mr. Rohit M. Navale**  
M. E. (Mech.)  
GENERAL SECRETARY

DTE Code: EN-6643

**Dr. K. J. Karande**  
M. Tech., Ph. D. (E & TC)  
PRINCIPAL

## Virtual Lab

(COEP and Amrita University)

Date: 11 Feb.2022

## Notice

Following Faculty members are requested to attend meeting.

Sr. No.	Name of Faculty Member	Department	Role	Sign
1.	Dr.S.G.Kulkarni	Mech	Head	
2.	Prof.P.R.Gadekar	CSE	Central Coordinator	
3.	Prof.R.K.Shinde	Mech	Departmental Coordinator	
4.	Prof.G.B.Birajdar	ENTC	Departmental Coordinator	
5.	Prof.AV.Karande	Civil	Departmental Coordinator	
6.	Prof.P.B.Vyavahare	Electrical	Departmental Coordinator	

**Agenda:** Discussion of Virtual Lab Planning

**Venue:** Board Room

**Time:** 10.30 am

**Date:** 15 Feb.2022



**Dr. K. J. Karande**  
(Principal)


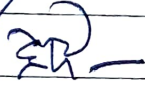
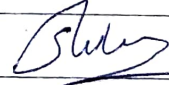

## Virtual Lab

15 Feb. 2022

Following points were discussed during meeting held at Board Room.

## Virtual Lab : Minutes of meeting.

1. All the departments decided to conduct Virtual Lab sessions.
2. We are focusing on experiments and related simulations at Virtual Labs of COE, Pune and Amrita University, Virta.
3. Staff members will decide list of experiment

1. Dr. S. G. Kulkarni 
2. Prof. P. R. Gadikar 
3. Prof. Ajit Karande
4. Prof. R. K. Shinde - 
5. Birajadar G. B. 
6. Prof. P. B. Vyavahare

