

### A. The work must be made available on Institute Website

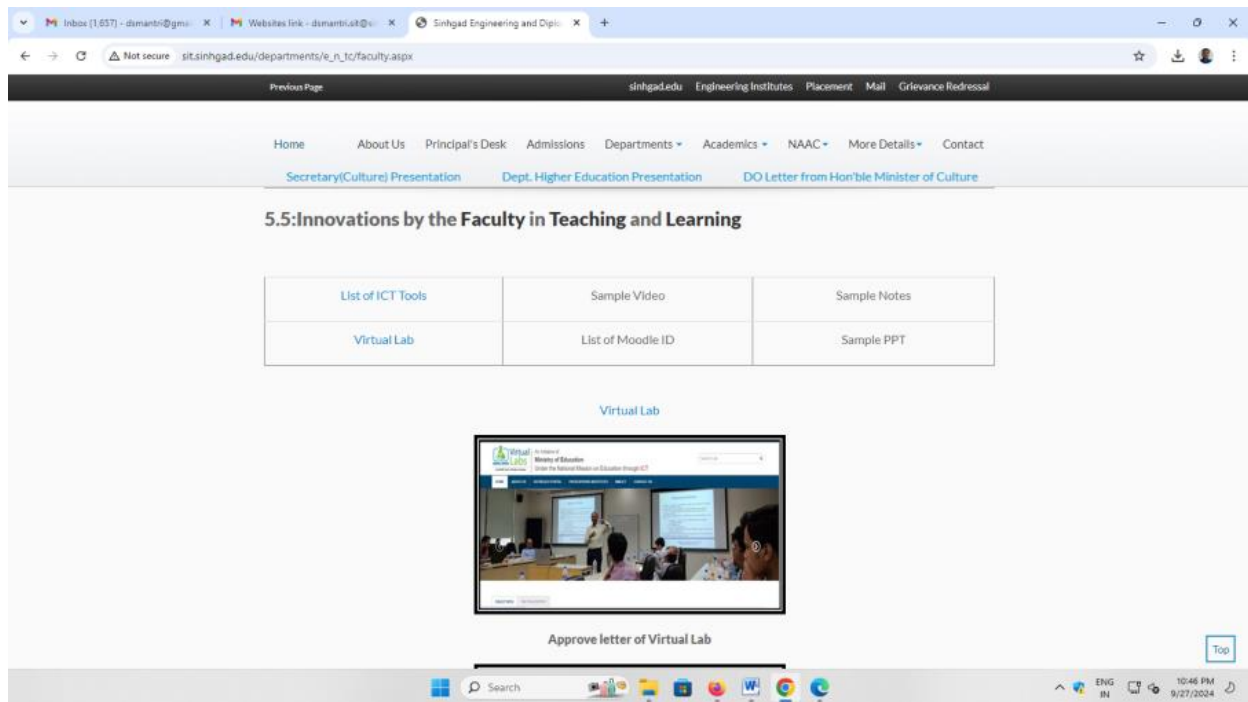


Figure. 5.5.1: Website showing innovation by faculty in Teaching-Learning

### D. Statement of clear goals, use of appropriate methods, significance of results, effective presentation and reflective critique

#### D1: Experiential & Participative Learning

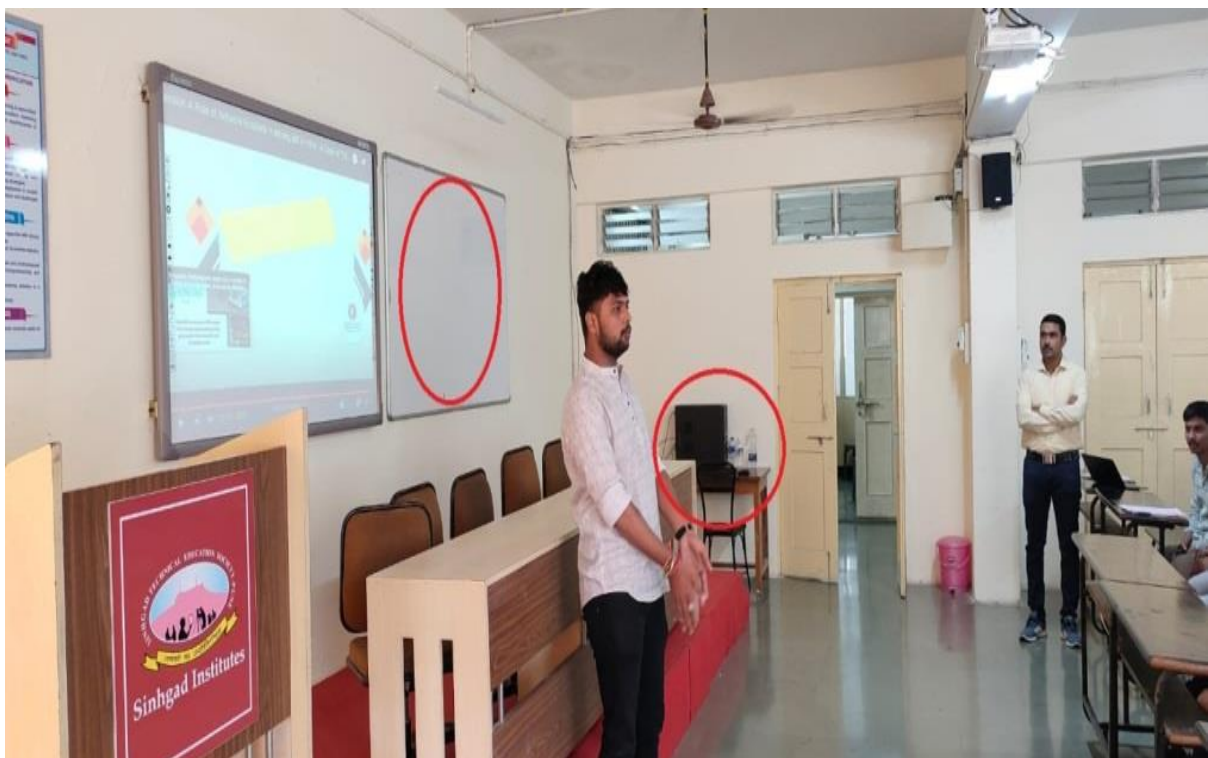
##### Experiential Learning



## Participative Learning:



D2. Use of ICT Tools : : [http://sit.sinhgad.edu/criteria\\_2/232-ict-tools.aspx](http://sit.sinhgad.edu/criteria_2/232-ict-tools.aspx)



### D3. Massive Open Online Courses (MOOC) – Spoken Tutorial, Virtual Lab, Moodle

**Spoken Tutorial**

Filters: All Courses, All Languages

Online Test Dashboard

#	State	Academic Code	Institution	Organiser	FOSS	Date	Participants
1	Maharashtra	MAH-00160	Sinhgad Institute of Technology	Vikas	Java	05 Apr 2024 8 a.m.	26
2	Maharashtra	MAH-00160	Sinhgad Institute of Technology	Vikas	Python 3.4.3	04 Apr 2024 8 a.m.	16
3	Maharashtra	MAH-00160	Sinhgad Institute of Technology	Vikas	C	15 Mar 2024 8:30 a.m.	50
4	Maharashtra	MAH-00160	Sinhgad Institute of Technology	Vikas	Python 3.4.3	29 Mar 2023 8:30 a.m.	147
5	Maharashtra	MAH-00160	Sinhgad Institute of Technology	Vikas	C	26 Apr 2022 8:30 a.m.	35
6	Maharashtra	MAH-00160	Sinhgad Institute of Technology	Vikas	C	25 Apr 2022 8:30 a.m.	17
7	Maharashtra	MAH-00160	Sinhgad Institute of Technology	Vikas	C	25 Apr 2022 8:30 a.m.	14

**Vlabs Outreach**  
Virtual Labs Outreachportal IIT Bombay  
An initiative by Ministry of Education

**NCID | Nodal Centre:**  
**203 | SINHGAD INSTITUTE OF TECHNOLOGY, LONAVALA**

**Total Student: 1654**  
**Total Faculty: 105**  
**Total Student using Vlabs: 294**  
**Targeted Usage: 19017**

[how to use?](#)

**Department Coordinator Add Yearly Planner**

Select Discipline:

Select Lab:

Figure 5.5.d1 shows the screen shots of the Vlabs and Spoken Tutorial

#### A. Online e courses –NPTEL

**NPTEL - Digital Circuits**

Announcements About the Course Q&A Progress Mentor **Mentee List** Review Assignment Course Recommendations

**Mentee Details**

Course outline	Serial Number	Name	Email	Roll Number	Mobile Number	Week 0 : Assignment 0	Week 1 : Assign
How does an NPTEL online course work?	1	Ashwina Vijay Patil	ap237388@gmail.com	35	+919819821110		
Week 1 :	2	Bhargavi Anil Chaphekar	chaphekarbhargavi@gmail.com	SE1144	+91989880918		
Week 2 :	3	Mansi anilumar shasane	mansishasane3@gmail.com	36	+917623887519		
Week 3 :	4	Mehul Gajbhiya	mehul28072005@gmail.com	53	+919898410728		
Week 4 :	5	PRATHAMESH KADAMB	rushikamba26@gmail.com	A06	+919830861942		
Week 5 :	6	Pratik Ramesh Khut	pratikkhut20@gmail.com	SE24	+919932498370		87.0
Week 6 :	7	Ritesh burghate	riteshburchate@gmail.com	41	+918767486446		
Week 7 :	8	Rinoshika Kiran Gurud	rinoshikagurud2005@gmail.com	42	+910073594286		
Week 8 :	9	Rukja Parthab Kute	rukjaparthab05@gmail.com	A38	+918767407150		
Week 9 :	10	Sagar Nandini Dakhile	sagarndakhile@gmail.com		+919997590752		93.0
Week 10 :	11	Sajal Anand Patil	sajalpatil22@gmail.com	SE1157	+919997590635		
Week 11 :	12	Shantanu Arush Jampangre	shantanujampangre199@gmail.com	A59	+918767250689		
Week 12 :	13	Snahai Rameshbabu Tipse	snahaitipse2003@gmail.com	32	+91776892773		
Week 13 :	14	Vishal Dhanendra Bagde	bagdevishal62@gmail.com	40	+919898801513		
Week 14 :	15	Vishal Bhanu Thakur	v543214@gmail.com	33	+919607701804		
Week 15 :	16	Vishal Kedar	vishalkedar@gmail.com	A39	+917768088771		

**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to **DIPALI KEDAR SHENDE** for passing the course **Real Time Operating System** with Score\* **70 %**

**A. Goswami**  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Feb-Mar 2020 (4 week course)

Indian Institute of Technology Kharagpur

\*Continuous online assessment score To validate and check scores: <https://npTEL.ac.in/noc>

Figure 5.5.d2: NPTEL Mentor-Mentee Scheme under Certification by Faculty & Students

## B. Project Based Learning



## C. Use of Microsoft Teams :

[https://drive.google.com/file/d/1110FtiEBys\\_HV5EkdbHSpKurf9DrBzYw/viewhttp://sit.sinhgad.edu/media/505194/2.3.2%20%20teachers%20using%20ict%20facility.pdf](https://drive.google.com/file/d/1110FtiEBys_HV5EkdbHSpKurf9DrBzYw/viewhttp://sit.sinhgad.edu/media/505194/2.3.2%20%20teachers%20using%20ict%20facility.pdf)