



Shri Shivaji Education Society Amravati's
Shri Shivaji Science & Arts College
Chikhli, Dist. Buldana- 443201(MS).



DEPARTMENT OF PHYSICS

National Workshop on Use of the Virtual Laboratory in Teaching and Learning

- 1) **Title of the Activity:** National Workshop on, “Use of the Virtual Laboratory in Teaching and Learning”.
- 2) **Date:** From 09/08/2021 to 10/08/2021
- 3) **Notice:** A leaflet of the program distributed through whatsapp.
- 4) **Organizer:** Dr. Omraj S. Deshmukh (Principal, Shri Shivaji Science and Arts College, Chikhli)
- 5) **Resource Person:** Dr. Pankaj Nagapure, Associate Professor, Shri Shivaji College, Amravati.
- 6) **Chief Guest:** Dr. W.S. Barde (Head, Department of Physics, Shri Shivaji Science College, Amravati)
- 7) **Convener:** Mr. N.B. Thakare
- 8) **Co-convener:** Dr. P.B. Nalle
- 9) **Organizing Secretary:** Dr. V. B. Huse Members: Dr. P.P. Padghan, Dr. D.N. Bhoyar
- 10) **No of Participants:** 598
- 11) **Activity Report:**

In this CORONA pandemic students cannot attend the practicals in the college laboratory. Conducting the practicals in the laboratory is not possible until the colleges are open for the students. In this context Department of physics, Shri Shivaji Science and Arts College, Chikhli in collaboration with Department of Physics Shri Shivaji Science College Amravati organized the National workshop on the “Use of Virtual Laboratory in Teaching and Learning.” The national workshop organized from 09/08/2021 to 10/08/2021.

The workshop was inaugurated by the Principal of the college, Dr. Omraj S. Deshmukh. The welcome address is given Dr. V.U. Pochhi, IQAC Coordinator. The introductory speech of this national workshop given by Prof. N. B. Thakre and in his speech he explained about the important role of virtual laboratory in the CORONA pandemic for the students. In principal address, Dr. O. S. Deshmukh, Principal emphasized the importance of virtual laboratory for the student and role of the universities, colleges and IIT's in the development of virtual laboratory. The introduction of the chief guest is given by the Dr. Dhananjay Bhoyar. The valuable guidance given by the chief guest Dr. W.S. Barde, Head of Department of Physics, Shri Shivaji Science College, Amravati.

The workshop has two sessions per day. The resource person Dr. Pankaj Nagapure, Associate Professor, Shri Shivaji Science College, Amravati, engaged all the sessions. He explained the virtual laboratory and its use for the students. He explained and performed online practicals using of the

virtual laboratory which are very helpful to student. This workshop was responded spontaneously by B.Sc. students. For the success of this workshop, Mr. Anil Bahekar and Mr. Eknath Jadhao worked hard.

Evidence of Success/Supporting Documents:

1) Participants list: Google drive link is given below:

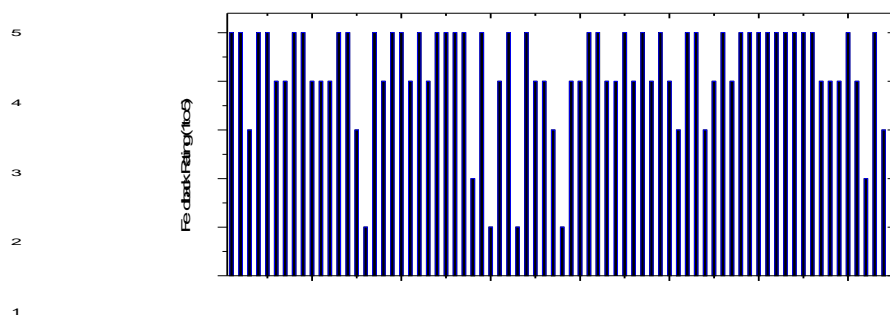
<https://drive.google.com/drive/u/1/folders/1K26vXEe7PHSDTg7y-YFdleNdjSyPjypG>

2) Photographs/screenshots:



3) Feedback & Action Taken:

Feedback: Feedback of each lecture is collected through Google form and analysed.



4) Action Taken

- 1) In the COVID-19 pandemic, it is decided to conduct workshop online mode only
- 2) A workshop Committee was formed for the smooth conduction of workshop
- 3) The work related to workshop is distributed among the committee member.
- 4) In pandemic it is very hard to conduct practical of graduate student in class very difficult. So Virtual Laboratory plays an important role.
- 5) Dr. Pankaj Nagapure , Associate professor ,Shri Shivaji Science College, Amravati was a resource person and he explained all the practical in simple way that student can understand easily.
- 6) This virtual laboratory workshop helps student to enhance the practical skills in pandemic.
- 7) Feedback collected through google form and analysed.


Head of Physics Department
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