

Wadhvani Virtual Labs Feedback Form

Name of the user: Mr. S. N. Kore.

Name of the Virtual Lab: ☒ DSP ☒ Signals and System (Sci Lab based)

Type of Virtual Lab: ☐ Simulation ☐ Remote Triggered

1. Which experiments did you perform? Assembly Prog. on VC-33.
Scilab - Prog. Convolution
Harmonic Addition

2. Please give your feedback on the following points.

Excellent V. good Good Average Poor

- | | | | | | |
|--|--------------------------|-------------------------------------|-------------------------------------|--------------------------|-----------------------------|
| a) How do you rate the online performance of the experiment? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b) To what extent did you have control over the instruments? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> NA |
| c) To what degree was an actual lab environment simulated? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d) The online manuals/ documentation were found to be helpful. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| e) The links provided were consistent with the objectives of the experiment. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| f) The results of experiment were easily interpretable. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| g) A clear understanding of the experiment and related topics was gained. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

3. Comment on the effectiveness of these Virtual Labs for teaching.

17 Installation procedure should have been taken care. This would have helped us to create Environment at our Institute.

27 This ideal will have large impact on building Strong interaction among institutions with I-I T. Mumbai.

4. Did you experience any problem?

→ More time should be allocated to create Environment at our institutions.

Please answer the following questions

1. Did you find experiment motivating?
2. Did you get the feel of an "actual lab" while performing the experiments? (Partial)
3. Did you feel the absence of an instructor?
4. Did you follow the step by step method before running the live experiment?
5. Do you think that the Virtual Labs you experienced in this workshop will help in teaching?

✓
Y/N
Y/N
Y/N ✓
Y/N
✓
Y/N

Specify any problems/difficulties you faced while performing the experiments?

5. What did you like about the virtual labs

- Concept is good.
- Coordination among faculties of other institution will help in exchange of knowledge & ideas.
- Cost effectiveness.

6. Do you think doing experiments through virtual lab gives scope for more innovative and creative research work? Y/N

- I doubt whether it will help in research work. But this will help for facilitating advanced tools/technology to institutions those who does not have such facility/Environment.
- Virtual lab concept itself is innovative needs more efforts to make it ~~was~~ successful.

Thanks

Sure