

Wadhvani Virtual Labs Feedback Form

Name of the user: Mangesh S. Deshpande

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? Addition, multiplication of floating point numbers, Tone generation.

2. Please give your feedback on the following points.

Excellent V. good Good Average Poor

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|--|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| a) How do you rate the online performance of the experiment? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b) To what extent did you have control over the instruments? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c) To what degree was an actual lab environment simulated? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input 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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| f) The results of experiment were easily interpretable. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| g) A clear understanding of the experiment and related topics was gained. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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

Virtual labs will be very much effective for the students. Once students will come to know about it, definitely their level of understanding will be improved.

4. Did you experience any problem?

No.

Please answer the following questions

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

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

NO -

5. What did you like about the virtual labs

It is like availability of the lab & resources beyond working hours. Many times students find that 2 hr/week is not sufficient time to explore many more things about a practical. \therefore It is going to help a lot.

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

It is very fine for students community. But its very difficult to say anything about research work.