

Wadhvani Virtual Labs Feedback Form

Name of the user: Aniruddha D. Patil

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? (1) Convolution expt. (Sci Lab)
(2) Multiply two floating point number
(3) Comparison of two number

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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d) The online manuals/ documentation were found to be helpful. | <input checked="" type="checkbox"/> | <input 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 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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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

It will definitely helps student to verify their offline o/p with simulated o/p - student can learn at any time if they having internet.

4. Did you experience any problem?

Two day period is insufficient

Please answer the following questions

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|---|--------|-----|
| 1. Did you find experiment motivating? | — YES | Y/N |
| 2. Did you get the feel of an "actual lab" while performing the experiments? | — YES | Y/N |
| 3. Did you feel the absence of an instructor? | — NO | Y/N |
| 4. Did you follow the step by step method before running the live experiment? | — YES | Y/N |
| 5. Do you think that the Virtual Labs you experienced in this workshop will help in teaching? | — YES. | Y/N |

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

— No problem

5. What did you like about the virtual labs

without using actual hardware, one can observe the result. Scilab session was most interesting, which saves money since it is free of cost.

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

YES.