Students' Performance Evaluation on SE VLab

This study is attempting to find out the knowledge test on Software Engineering subject of students in engineering programs. The information gathered will be used toward the completion of my PhD thesis only. I want you to know that:

- Your participation is entirely voluntary.

- Your response will remain anonymous and confidentiality will be maintained.

- Neither your class standing nor your grades will be affected.

About you

Name: _____

Institute: _____

Department: _____

Roll No: _____

Email-id: _____

Mob No: _____

Gender: (M/F)_____

Please answer the following questions as truly as possible. (Tick those that you agree with)

Thank you for participating in this survey.

Instructional Design and Delivery

1. **The lab course materials are well organized.**
   □ Strongly Agree □ Moderately Agree □ Neither agree nor disagree □ Moderately Disagree □ Strongly Disagree
2. **The lab course with textual and visual contents improve students' learning.**
   □ Strongly Agree □ Moderately Agree □ Neither agree nor disagree □ Moderately Disagree □ Strongly Disagree
3. **The lab course contents are useful and latest.**
   □ Strongly Agree □ Moderately Agree □ Neither agree nor disagree □ Moderately Disagree □ Strongly Disagree

Student Learning Outcomes

4. **The lab course can be easily understood, comprehended, and remembered.**
   □ Strongly Agree □ Moderately Agree □ Neither agree nor disagree □ Moderately Disagree □ Strongly Disagree
5. **The lab course can be transferred or applied to other similar context to solve problems.**
   □ Strongly Agree □ Moderately Agree □ Neither agree nor disagree □ Moderately Disagree □ Strongly Disagree
6. **The components of this lab course can be properly analyzed and concept can be synthesized.**
   □ Strongly Agree □ Moderately Agree □ Neither agree nor disagree □ Moderately Disagree □ Strongly Disagree

Assessments

7. **How students will be evaluated in the lab session is clearly explained.**
   □ Strongly Agree □ Moderately Agree □ Neither agree nor disagree □ Moderately Disagree □ Strongly Disagree

8. **Lab assignments with proper levels of difficulty are provided.**
   □ Strongly Agree □ Moderately Agree □ Neither agree nor disagree □ Moderately Disagree □ Strongly Disagree

9. **Feedback on lab assignments is provided.**
   □ Strongly Agree □ Moderately Agree □ Neither agree nor disagree □ Moderately Disagree □ Strongly Disagree

Student Empowerment

10. **I can design a new software project.**
    □ Strongly Agree □ Moderately Agree □ Neither agree nor disagree □ Moderately Disagree □ Strongly Disagree

11. **I have opportunities to think how to solve a problem.**
    □ Strongly Agree □ Moderately Agree □ Neither agree nor disagree □ Moderately Disagree □ Strongly Disagree

12. **I can self-evaluate my learning achievements.**
    □ Strongly Agree □ Moderately Agree □ Neither agree nor disagree □ Moderately Disagree □ Strongly Disagree

Social Presence

13. **I am getting encouraged to post questions for my clarifications.**
    □ Strongly Agree □ Moderately Agree □ Neither agree nor disagree □ Moderately Disagree □ Strongly Disagree

14. **I am getting opportunities to interact with other students.**
    □ Strongly Agree □ Moderately Agree □ Neither agree nor disagree □ Moderately Disagree □ Strongly Disagree

15. **I am getting encouraged to post my self-introduction.**
    □ Strongly Agree □ Moderately Agree □ Neither agree nor disagree □ Moderately Disagree □ Strongly Disagree

Critical Thinking Skills

16. **The course content intimate to think in-depth about a subject.**
    □ Strongly Agree □ Moderately Agree □ Neither agree nor disagree □ Moderately Disagree □ Strongly Disagree

17. **The course content helps in solving problems in software designing.**
    □ Strongly Agree □ Moderately Agree □ Neither agree nor disagree □ Moderately Disagree □ Strongly Disagree

18. **The course content help in analyzing, interpreting, and synthesizing information.**
    □ Strongly Agree □ Moderately Agree □ Neither agree nor disagree □ Moderately Disagree □ Strongly Disagree

Alignment

19. **Lab assignments provides students interests and abilities.**
    □ Strongly Agree □ Moderately Agree □ Neither agree nor disagree □ Moderately Disagree □ Strongly Disagree

20. **Lab assignments are based on the lab course content and learning objectives.**
    □ Strongly Agree □ Moderately Agree □ Neither agree nor disagree □ Moderately Disagree □ Strongly Disagree

21. **Lab learning outcomes are based on the requirements of the current syllabus.**
    □ Strongly Agree □ Moderately Agree □ Neither agree nor disagree □ Moderately Disagree □ Strongly Disagree

22. **Which assessment tools would you suggest to evaluate the effectiveness of a virtual lab?**

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23. **In your opinion, what are the critical components of an effective virtual lab?**

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24. **What would you suggest to help / improve on-line learning through virtual labs?**

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25. **What other thoughts, feelings, or questions do you have about a virtual lab?**

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26. **Write your opinion about the SE VLab.**

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Full Signature: _____