MULTIMEDIA COURSE SURVEY

Course Name :

Put a tick mark / fill in the blanks as appropriate

1. In the class
    (a) The font size selected is
        i)   Comfortable
        ii)   visible – could have been better
        iii)   Barely visible

    (b) The font colour is
        i)   Pleasing and comfortable
        ii)   Mostly OK. In some places replace the font colour from…………to

    _____

    _____

    . _____

        iii)   The choices of colours are not satisfactory – a lot needs to be done.

2. On the Monitor
    (a) The font size selected is
        i)   Comfortable
        ii)   Bigger than required – not too bad.
        iii)   Too large for comfortable reading.

    (b) The font colours are
        i)   Pleasing and comfortable
        ii)   Mostly OK. In some places replace the font colour from ……....to

    _____

    _____

    _____

        iii)   The choices of colours are not satisfactory – a lot needs to be done.

3. On Animations
        i)   Animations are well organized and appear at right places.
        ii)   The animations greatly helped me to understand the course better.
        iii)   The animations are too many and sometimes distract understanding key concepts.
        iv)   The animations are fine but I don't know how to take notes – as the diagrams are over realistic.
        v)   The animations are not too complicated. I could understand the concept and yet take essence of the concept as notes.
        vi)   Animations have made my learning effortless.

4. Imagination is very important for learning. The animations

    i)   helped me in the process
    ii)   it killed my imagination

5. Improve animations for the following concepts.

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6. Add new animations for the following concepts.

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7. Multimedia has made the learning

    i)   More of spoon feeding.
    ii)   No. The learning was more thorough rather than being superficial.

8. Comparison to other Books

    i)   The class presentation is so clear and at right pace, I hardly require to read any other book.
    ii)   No. I found the following book on fracture mechanics is clearer and helped me to understand the concepts better.

           _____.

    iii)   In view of the animations, the e-book is unique and motivated me to understand the subject matter more easily.
    iv)   The background information provided including that of mathematics made the learning simple and effortless.
    v)   No. The information on background information provided is only elementary – I could have understood the course even without that.

9. Experimental fringe patterns in the course material

    i)   Has helped me in understanding the concepts
    ii)   I had no background in the experiments – yet the information in the course material was sufficient to follow.
    iii) Was a distraction and it only confused my learning.

10. Mathematical derivations are

    i)   Well presented. The pause option helped in class participation.
    ii)   Too elementary – boring at times.
    iii) The pause option could be used as follows :

    _____

    _____

    _____

    _____

11. On teaching

    i)   The teaching has synchronized well with the multimedia presentation.
    ii)   At times you have gone fast but mostly the requirements of the class in taking notes are taken note off.
    iii) You were not allowing us to take notes comfortably at all.
    iv)   At times I felt that you had not come prepared for the class but somehow managed the class with the course material.
    v)   No. I have always felt that you had complete grip of the subject and the e-book content has helped you to deliver the course material more interestingly.

12. On Class Notes and Assignments

    i)   I have never missed a class and hence my class notes are complete.
    ii)   Whenever I missed a class I have made it a point to copy the notes from my friends or by looking at the e-book available in the computer room.
    iii) The assignments are exhaustive – helped me to understand the concepts better.
    iv)   The assignment problems are carefully chosen and by solving them I developed confidence in the subject.
    v)   I could perform well in the exams even without solving the assignments.

13. The quality of multimedia presentation has motivated me to prepare my term paper more systematically.

14. On the whole
      i)   I enjoyed the multimedia presentation very well
      ii)   Good effort – can be improved in the following aspects:

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      iii)   It is just waste of money and effort – Nothing equal to black board teaching.

15. Though on the whole, I enjoyed a multimedia presentation, for the following concepts, I would have liked the conventional black board teaching.

<u>Any other comments:</u>

<u>Comment from the Author</u>

     This survey was used to get student reaction on various aspects of the course. This is given to indicate what sort of thought process has gone in developing the course.

     The teachers who use this course material may modify this to suit their need. Any constructive criticism by the student community, identification of any errors in the course material or animations may please be passed on for necessary improvement to the course.

     Thanking you.

     Prof. K. Ramesh

Some Key Comments expressed by the Students

1. All students have expressed that the font size and colour are pleasing and comfortable in the class as well as on the monitor.

2. The students in general appreciated the animations and found that they are not too complicated to make a sketch of that.

3. The students also felt that the animations have helped in their process of imagination.

4. 99% of the students felt that multimedia based education is more thorough rather than being superficial.

Additional comments made by the students

1. "This course material is a gold mine for engineering students. It has very sharp details about the fundamentals of fracture mechanics and the course has enormous material about fracture mechanics. This is really an excellent course and nicely documented with clear graphs, tables and pictures with animations".

   - Student 1

2. "Overall excellent! I have never seen anything so effective and enjoyable before. I am usually against teachers using slide shows in the class. But this course has made me to change my strong view totally !"

   - Student 2

3. "By making deliberate errors in the mathematical derivation and asking students to find the same would totally replace the black board advantages".

   - Student 3