FAC Seminar on Effective Learning for CSE Btech2 students
22 August 2014

Summary of On-line Student Feedback
obtained in October 2014

• **Q.1** : Name and Roll no (optional)

• **Q.2** : Is the distinction between different levels of Bloom’s taxonomy of levels of comprehension clear to you? (Level are: Remembering, Understanding, Applying, Analyzing, Evaluation, Creating)

  Total 16 responses

  a) Completely clear : 44% (7)
  b) Partially clear : 44% (7)
  c) Not clear : 13% (2)

• **Q.3** : Mention how this distinction will help you relate better to various topics in a course

  Total 3 responses
  (i) Concept maps will be highly useful in summing up the concepts learned.
  (ii) It is in a neatly designed order. So, we won’t be confused in understanding any topics (theory) to apply it later.
  (iii) I’m a bit unclear to what this question asks, but the idea is basically since now i have a bit of understanding of what the different levels are, I can check my current level, and have a set target level for every course. Then if I’m below that target, I need to improve.

• **Q.4** : Do you know what causes cognitive load in learning? (Note: Cognitive load is the amount of mental effort involved in learning.)

  Total 16 responses

  a) Yes : 50% (8)
  b) I have only a vague idea about it : 31% (5)
  c) No idea : 19% (3)
• **Q.5**: Do you appreciate the importance of activating prior knowledge in reducing cognitive load?

Total 16 responses

a) Yes : 81% (13)
b) No : 19% (3)

• **Q.6**: Do you understand the linkage between limited capacity of short-term memory and the cognitive load in learning?

Total 16 responses

a) Yes : 38% (6)
b) I have only a vague idea about the linkage : 44% (7)
c) I have not understood the linkage : 19% (3)

• **Q.7**: Do you appreciate the role of structuring of knowledge in accessing prior knowledge? (Note: Knowledge is stored in the form of schemas in long-term memory. Structuring implies forming higher-level schemas.)

Total 16 responses

a) Yes : 88% (14)
b) No : 12% (2)

• **Q.8**: Is the notion of a concept map for a visual representation of knowledge structure clear to you?

Total 14 responses

a) Yes : 69% (11)
b) No : 19% (3)

• **Q.9**: The Vee diagram is a tool for organizing one’s thinking while investigating a question / answering a query. Do you think it can help a learner to systematically find the answer for a specific question?

Total 16 responses

a) Yes, it can help : 75% (12)
b) No idea : 25% (4)
• **Q.10**: If you are asked to write a short note on a given topic, how would you use the Vee Diagram to organize your short note. Please explain in the following box.

Total 1 response

(i) I remember it very vaguely.

• **Q.11**: Will you be able to use Peer Learning techniques (like think-pair-share) to improve your understanding of a topic?

Total 11 responses

a) Yes : 82% (9)
b) No : 18% (2)

• **Q.12**: Can drawing a Concept Map be a useful peer learning activity?

Total 9 responses

c) Yes, it can help in clarifying fundamental concepts and their relationships : 100% (9)

• **Q.13**: Please share with us your take-aways from the seminar on effective learning

Total 3 responses

(i) I understood that instead of cluttered learning, organized learning would help a lot. Nothing the things during a study in the form of map make us memorize more during final revision.

(ii) I liked the stuff about cognitive load and different levels of understanding and finally to creation.

(iii) I tried implementing few concepts/ideas explained in the seminar and they have been immensely helpful to me.