

21. Ideas to Improve Teaching Practices in India

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As we know the traditional teaching mainly based on the fact that a teacher explaining a topic and students taking notes. It's quite or may be useful on some occasions but today it revolves more around interest encouraging & tuning the topic to the student to awaken their curiosity, interest as well as desire to learn.

Now-a-days Engineering studies are dream for a many student and with next expectation of to get immediate job. But they should be aware of their own intrest, talents, strength & weakness. At the same time there are some challenges in engineering colleges eg. Quality of students admitted, benchmark for Asst. Professors, existing academic syllabi. Etc. By considering all this scenario following techniques will definitely find a way to deal with it.

Proposed ideas to improve teaching in Engineering.

(1). Improving learning method of students-

As we know there are 3 types of student in class slow, average and fast learning. By taking consideration to their ability we may arrange/categories separate and understandable

lectures.

(2). Set the Benchmark or Timely educating the teachers-

It is fundamental requirement to train the college teachers with skilled and practical or industry related technology, knowledge. So that they can share or give importance to practical knowledge and their credibility as well. More importantly to understand how their education is going to apply in industry practices.

(3). Teaching- Learning Process-

This is the actual most important part of this discussion. It comes to "How you deliver the knowledge.?" with a skill, everybody has knowledge but teaching requires skill. Knowledge cannot be forced, it can be tuned or made interested.

- i). Visualization of topic or concept
- ii). 10 min. preview of what taught in last lecture by asking some questions randomly to few students from class.
- iii). Keep the subject/topic interesting by means by using some funny facts related with cricket, films, any sports. etc
- iv). Group study with Co-operative learning, Group wise assignment & seminars.
- v). Frequently Industrial visit should be arranged to directly transfer practical knowledge.

There are many other methods to improve the teaching-

learning experience, but not limited. Thus we will have to set benchmark, techniques and criteria on the basis of students learning style, environment, available resources.. etc. for productive, encouraging learning and outcome-based education.