

65. Strategies to improve Teaching and Learning through Innovative Practices

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An interest towards the course content and a readiness to convey that eagerness to students is a very important factor to effective teaching and learning, but you also need to make sure the techniques used to convey that knowledge are up to the task. What we teach and how we teach it are mixed up.

Much of the evidence concerning effective teaching practices comes from research which involved direct observation in classrooms. Moment-by-moment actions and reactions of teachers and students were observed and recorded. Measures of teacher behaviour were then correlated with students' learning outcomes as measured by calculating attainment.

The effective teachers:

- ❖ Creates learning environments where students are active participants as individuals and as well as groups
- ❖ show enthusiasm
- ❖ sustain an academic focus
- ❖ make use of modern pedagogy tools and techniques for

effective teaching

- ❖ have high outlook of what students can be helped to achieve
- ❖ use strategies to keep students on task and dynamic
- ❖ provides essential supports for students who are struggling with the content.
- ❖ enforce structure on the content to be covered
- ❖ present new material in a step-by-step manner
- ❖ make use of direct teaching procedures
- ❖ creates an environment where student work is valued, appreciated and used as a learning tool
- ❖ use clear instructions and explanations
- ❖ use a variety of teaching styles and resources
- ❖ habitually demonstrate appropriate task-approach strategies
- ❖ monitor closely what students are doing
- ❖ adjust instruction to individual needs and re-teach where necessary
- ❖ provide frequent feedback to students
- ❖ use high rates of questioning, to motivate students and to check for understanding

Presenting information and providing explanations are two of the main activities in which teachers connect. The value of

student-to-student (peer) explanation strongly supports the concept that two-way and cooperative work in the classroom is an essential part of effective teaching and learning. Group work certainly increases the opportunity for fruitful discussion among students, which is something known to ease learning of concept. Searching for the best way to teach assumes a kind of simplicity about teaching and learning.

- ❖ There are well-defined instructional techniques before starting the course that make teaching more effective.
- ❖ Conducting hands-on training and working with real-time applications will make the students to understand the concepts clearly and it helps them to involve more in the subject.
- ❖ The techniques can be introduced slowly and methodically as per the well defined structure, without compromising coverage of the syllabus. They do not require large expenditures of money, time and effort.
- ❖ Most importantly, the techniques have been validated by careful, documented and repeatable.

The students can easily understand by

- ❖ Visualizing the concepts like arranging field trip or real time working videos.
- ❖ Working together (brainstorming) as promoting small group or whole class activities.
- ❖ Posting questions which inspire your students to think for

themselves and become more independent learners.

- ❖ Maintaining worksheets for different group of students based on their capability.
- ❖ Interactive learning when technology is used to engage during lessons like mobile devices, iPads or tablets.
- ❖ Implementing an effective behavior management strategy is crucial to have an equal chance of reaching their full potential.

Rather than simply using Black Board and ICT we have to use the Teaching aids like Pedagogy Techniques (Think Pair share, Flipped Class Room, One Minute Paper), Role Play, Group Discussion, Seminar, Case Study, Quiz, Problem Solving, Puzzles, etc., will progress the students interest towards the subject.

Being an effective teacher is a challenge because every student is unique; however, by using a combination of teaching strategies you can address students' through varying learning styles and academic capabilities as well as make your classroom a dynamic and motivational environment for students.

We as an effective teacher attempt to motivate and engage all our students in learning rather than simply accepting that some students cannot be engaged and are intended to do perform poor. We believe every student is capable of achieving success and they do all they can to find ways of making each successful according to their passion. Effective teachers have high expectations of students in terms of both their standard of

learning and their behavior, and they help students to meet those expectations.