

## 45. Innovative Techniques in Teaching- Learning Process

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In recent times, it is observed that the traditional way of teaching has been changed and new innovative methodology has been emerged. In olden days only chalk and board are available. But recent days smart board replaces the olden traditional board. The knowledge has been shared only from books. So to gain more knowledge, experts from the area are called to give a guest lecture. To gain depth knowledge a platform is needed to share the views of different experts. For that Faculty Development Program was initiated and it gives a wide scope for gaining the knowledge.

The importance of faculty development programme in emerging technology, to adapt for the growing responsibilities of faculty members are to be carried out more rigorously. FDPs needed to expand their focus, consider different training methods and formats, and encourage new partnerships and collaborations. Innovative teaching methodology like, Poster design, Lab based learning, Project based design, web designing, Quiz, Activity based learning, Question paper setting by the

students, webinars, role play, Seminars, Mini projects, etc. will help the students to innovate their ideas.

The faculties must support the learning of those students with diverse learning needs, and develop curricula and teaching strategies appropriate for a wide range of learning environments

The opportunities and challenges of technology: Technologies offer many opportunities to enhance learning processes with information, simulations, and engaging learning activities. The faculty members must have the knowledge and skills to take advantage of these advances in their teaching and curriculum planning.

Focuses on improving the degree to which, teachers promote a culture of rich interactivity and facilitate thoughtful, purposeful student engagement. To improve the depth of engagement, teachers must make content and activities purposeful and making the session more interactive by giving real time applications.

Highly effective teachers are part archaeologist, part homebuilder, and part astronaut. As archaeologists, teachers unearth the hidden greatness in all of their students; as homebuilders, they develop self-confidence and perseverance in their students and create a foundation that encourages students to tackle what previously seemed insurmountable; and as astronauts, they guide journeys to places otherwise thought impossible.

## **The main qualities of an effective teacher are,**

1. To be permanently and critically reflective on the teacher's own teaching
2. Ability to plan and deliver teaching informed by educational research
3. Creativity, teach to know her/his students, taking in consideration all limitations enforced by administrative, institutional or other reasons.

## **The main threats to become a valuable teacher are:**

1. Being unreflective, blindly believing and applying educational methods/tips
2. Believing and applying the academic traditions in teaching
3. Not exploring approaches to teaching further to one's previous experience.

Best lecture includes all detailed needed information, oppositely it should include the main frame. Successful lecturer should insist on humour and emotions and include jokes or interesting related stories in his lecture which will never be forgotten by the students and will help them to remember the information given.

Additionally, the students will stay "alert" all through such lecture and reflective and this is what the lecturer needs to

receive during his lecture and build on. Good teachers are effective classroom managers and communicators who can adapt to a variety of learning styles and effectively instruct a large percentage of the class. Improvement of teaching in the classroom can be obtained by putting together a plan of action and following it through. Teachers who make the extra effort to improve their teaching can make a significant impact on the lives of students.

Obtain student feedback frequently. Make the students to participate in all of the activity. Understand the student's level and categorize them. Make the action plan for the week, execute it and assess them whether it is going in a right sense, or fine tune it according to the students.