

INNOVATIVE EDUCATION AND SCHOOLS

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Abstract

Education is an early sample or model for the development of society. It becomes more effective and fruitful when new and brilliant innovations are used in it. Innovation in education means what is best for the inspiration and development of students. Innovative education in schools and class rooms shapes the future of our society more sharply. Innovative education cultivates and nurtures talent and creativity along with learning in students. Innovative education always tries to acquire learning through new and unique instructions, ideas and techniques that will develop learners more effectively. Hence to develop more the learning experience and knowledge many schools and colleges in India embrace teachers to be more creative than ever by enhancing and installing new methods and new educational technologies. Present study will be a humble effort to look how innovations help to develop flexible teaching, lessons and curriculum. How it helps to awake the curiosity of students and find new ways to keep them engage. How innovation helps to explore and cultivate creativity and talents in students. How it cultivates healthy environment in schools as well as classrooms. How it keeps students engage and excited to learn more and more. Study will explain glimpse of some innovations and techniques that different schools and teachers are using to make education more effective, interesting and fruitful.

Key words: Education; Innovation; Society; Technology; Learning; Students.

Introduction

Education is a model for the development of every human society. Education is ray of light for mankind to show way for progress. It is formal training of knowledge for people. Our Islam also assigns great importance to education as the word, "Iqra" in Quran means to read, shows the importance of education. It modifies the ways and means to improve the attributes of human. By utilizing the innovations in education, it helps man to enhance the human capabilities in different directions. Innovation can be

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a tool transformation of learning. It can strength relation between students and teachers, reinvent approaches of learning and collaboration. It is going to shrink the accessibility gaps to meet the needs of aspirants. Innovation in education uncovers the dimension to diversify the sources and means of knowledge to sharpen the intellect of humanity, therefore makes better development of every society.

“Education is like seed sown in land and innovations are like fertilizers for better production” It traces ladder of scientific innovations to work out a plan for easy learning and inducement of ideas. Education is starting board of every development, but distinction lies in approach towards it. It is crystal clear fact that education and innovation in union can produce more than that of education in isolation. The unique adoption of Digital boards, WIFI, video conferencing etc are making things practical for students acquiring knowledge. The innovative ways of internet boom and its applicability through online mode pan out for younger generations. It improvises the vital communication link of student and teacher. Technological innovations are changing the way of teaching and learning in schools. Innovation is becoming back and front of education and student explores their concepts and imaginations in classrooms through these technologies. This dovetailing of innovative ways to impart education also empowers them to galvanize the support for human development of society. The plan of digitization through innovative ways has capability to improvise governance through languages between student and teacher. Many technological innovations like 3d printing, digital board, sign language make learning easy, fun and interactive. Innovation understands of perfection already in education. These innovations act as engines for the progress and development of students. In present technological era, technological innovations as well as technological ideas in school education are very important for growth and enhancement. Rather taking education simply our schools must use new innovations as this imparts new skills and talents in students, good for social upliftment. It also serves as engine of advancement for information and knowledge.

Many institutions and schools in India are moving towards this innovative education like multimedia largely, it is a means of better problem solver and encourage more and more learning. Teachers use multimedia to represent the material in more meaningful way and students are enabling to get knowledge in better way. Innovative class room we get advantage of creating group work projects, students do work in group environment and work is done in better way by using group skills and different ideas.

The idea of problem based learning is used in various schools, which is considered as innovation. This includes learning through surveys and interviews. This enables students to learn through problems of real life. Students in ruler areas can learn any problem through tablets and computers by reading scientists blogs and conversation via e-mails to any educational academy or scientists. . Class room walls

remain no more walls of separation and isolation for student's learning and knowledge. Students can also share the problems, ideas and questions through video chat with the students going through the same lessons and problems in other schools.

This innovative education is becoming more beneficial as students in such class rooms are more responsive towards teacher and rise more queries and questions, thus teacher has to be more informative and well prepared. In innovative education we must not be afraid about trying new things. It is duty of a teacher to train students in innovations and learning, response to their queries through innovations increase interest for innovative learning. Hence to make learning experience better in schools, India is using new innovations and technologies in class rooms, as class room are true cultivator of students. Such class rooms inspire students and shape their future sharply. Innovative education cultivates and nurtures new talents, new skill and habits and creativity among students.

Here I will explain some innovations which India is using in schools and trying to implement these in best ways to improve education and shape the future of students:

- **Audio visual (AV) supplement:** many schools and educational institutions are using class rooms with audio visual supplement, which create interest of students to learn more and more. Teachers teach difficult concepts of physics, math's and chemistry through graphics. These graphics play important role in improving education. In such class rooms students go through the plays, speeches and auto biographies of great personalities, clear doubts and inspire students very much.
- **Mind maps:** discovered by Tony Bazon in late 60's. This method is easily understood. These maps are used by teacher to show the, meaning of images and use of things shown through images. Teachers use these maps in better way by explaining the concepts of key words and images on mind maps and it becomes easy make link between different words and images for students:
- **Role play:** this method is much loved by students of standards and brings entertainment among students into class. This technique provides proper understanding of role of person or character to the students that they play. Schools are adopting this method from primary to secondary school as it is biggest sources to make children understand roles, ideas, values and great personalities, as students play the role of historical persons like Mahatma Ghandi, Nehru ji etc or legends like Charle Chapin etc. In such kind of classes students got a chance to learn how to perform on stage.
- **Peer-teaching:** this teaching is most positive way of strategies to make learning very sharp for students. Students who are on the base of learning in any subject area sometimes reading subject as subject teacher. It makes

students comfortable and offers them a stage to share information with each other and make arguments about subject matter. It also creates good environment for cooperation. Students also try to challenge each other and class becomes more interactive and constructive. Students grasp knowledge more quickly and class starts to be more disciplined. It also helps in developing good habits and communication skills. Thus develops our society through the education.

- **Games:** This is mostly liked by students of all generations and is successful to keep them active and engage. This method helps in smart learning of subject knowledge Maths, G.K, Geography and communication etc. In this method teachers are performing with various kinds of word making, meaning of different words and names of various places and brain games like puzzle and quiz.
- **Collaboration:** It is most needed skill in modern educational environment. This can best have done in a class room by giving group projects to students. Such methods develop seeds of collaboration in children and prepare them to organize group functions in future. Students also learn to manage institutions and how to encourage people. Such methods also develop patience and build team spirit among students. Many schools have made collaboration work as a part of curriculum and allow time and resources for such activities.

Many schools especially in west have chosen education with internet. Which allows students to take advantage of pc's and tablets with internet access as an important tool of learning. It also gives them to access to various educational applications. This prepares students for future as nowadays more and more exams are going through online mode. Projectors in class room can help to see everything on whiteboards, what is seen on computers. As studying visually is more effective than studying verbally, this make students more engage. Such methods are less time consuming for works like data collection, surveys etc. ideas generated in such classes are often most innovative. Using technological innovations in groups are more effective than of individual use, young children to be more responsible, competitive etc. teacher must use these innovations regularly, it can boost students more and more. Use of such things after long time can be less effective and less powerful. Teachers need full training of such innovation to support children so that children would learn more in depth and their work would be more productive. Computer science and technological innovations are at the heart of this educational age. This strengthens the knowledge of urban as well as rural children.

Conclusion

Every field of life has got impact by innovative techniques and education is not exception. Technology has overall pushed education to next level, students of one cultural area and language can discuss the topic of their area, culture and language

with the students of other cultural area through live chat. It develops the new ideas and minimizes cultural differences. Our education system is still preparing students grades but it is better to develop new talent and good skills in the students. The innovation adaptability has prospect of driving machine for future teaching methods. This treasure trove would overhaul the ways and means to impart and acquire knowledge. It is going to find consistent solutions for future. The contemporary era is looking for better prospect due to adoption of innovative ways. These innovations create chance for communication and collaboration. However, to realise the fruits of innovation, the educators need to use innovative ways effectively and provide authentic way of learning them. The implementation and adaptation of innovations would define its prospect. The teachers, students, scholars, leaders, academicians ought to commit technological solutions at ground.

“Rising the role of technology in education show us the depth of education”

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