

Teacher Education and Technology Orientation



Education

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ABSTRACT

Teacher education is a process aiming for the formation of positive attitudes towards teaching profession. Since, "Teaching is an art, a trained teacher alone can play a vital role in education as well as the society." For that technology plays a major role in Teacher Education. Technology is an important component of the teaching-learning process. It helps teachers and learners to improve teaching and learning. A good teacher should use technology from time to time. It is, therefore, imperative for teachers to be well versed with the technologies. Various techniques (subjective, objective and projective) are developed and are in use in Teacher Education. Subjective techniques are based on the information supplied by the students or the impressions gathered by the teacher. Technology orientation is necessary for the teacher educators to compete and brings innovation in teaching-learning.

INTRODUCTION

India has a large number of teachers and needs many more. All processes of teacher recruitment, training, motivation, incentives, retention and feedback therefore have to be planned on a large scale. Further the ultimate goal of in-service teacher development should be to ensure that optimal learning takes place in the classrooms. To enhance the institutional capacity available at present for ensuring the adequate supply of trained teachers for all levels of school education. But all the institutions are in demand for an efficient and creative teacher. **"The teacher who uses technologies in the teaching-learning process can be efficient and replace the teachers who don't use."** So it is important for the teacher education system to organize orientation programs for the teachers and to develop the skill of using technology in teaching.

EDUCATION

Education is the acquisition of knowledge and experience as well as the development of skills, habits and attitudes, which help a person to lead a full and worthwhile life in this world. It is a process of training the individual through various experiences of life so as to draw out the best in the person. Education trains the person for certain types of social behaviour, democratic living, worthy citizenship, international understanding and develops the person into a well integrated personality.

TEACHING

Teaching jobs are regarded as the noblest of all the professions in the world. The quality of education in any educational institute hinges on the availability of good teachers. A good teacher not only shows the right path that the students should follow but also prepares the human resource for the further development of the nation. Teaching jobs not only offer an opportunity to earn one's living but also to engage in one of the oldest and noblest professions. The teaching profession has attracted quite a good numbers of young people in the educational institutes are increasing at a very high pace in India and the world.

TEACHER EDUCATION

Teacher education refers to the policies and procedures designed to equip the teachers with the knowledge, attitudes, behaviors and skills they require to perform their tasks effectively in the classroom, school and society. There are several schools and colleges in India which cater to teacher training schools in India and these offer teaching courses for different levels. Teacher education in India is institution based, along with internship programs in real classroom settings. Teacher education curriculum has faced

severe criticism over the years, as its general too technical and obsolete which is not applicable in contemporary Indian school and society. Because of this drastic changes are required to bring a big change to the curriculum. These changes are slow but can be seen as International teaching agencies with a more advanced teaching curriculum is helping to shape better teachers in India.

TECHNOLOGY

The term 'Technology' refers to the use of tools, gadgets and resources that help us control and adapt to our environment. Originating from the Greek work 'technologia', the term also refers to the use of machines and utensils which make our daily lives simpler and more organized. Technology is a broad and constantly changing skill-set required of faculty, and selecting the appropriate techno-pedagogical strategies to effectively engage students in the content is a separate skill-set. Media literacy influences student development, and developing a critical analysis of media consumption is an important skill for students.

IMPORTANCE OF TECHNOLOGY IN TEACHER EDUCATION

As we know that **"Technology is the wave of the future."** Actually it is the wave of the present. Every teacher in academe today knows that the need to use technology in the classroom is imperative. The teachers are expected to engage their students in the class discussions and lectures with the technologies they are familiar with. It is important to occur daily in the school program with the meaningful activities that should enhance the curricular goals. In their recent reconstruction of the definition of literacy in the 21st century, NCTE focused more on the technologies that are becoming imperative to literacy education.

EVALUATING TECHNOLOGY IN TEACHER EDUCATION

Educational technology can be a powerful tool in improving learning outcomes of students. It can help educators widen the horizons of students and allow them to explore the boundaries of their freedom. It can add value to each teacher's lesson and give greater depth to each school's curriculum. However, in order to utilize educational technology to its maximum potential, educators must take steps to evaluate the value of educational technology in their schools. The schools and administrations can evaluate the value of educational technology as used in their institutions of learning.

TECHNOLOGY ORIENTATION PROGRAMMES

Teachers are hungry to use technology in their classrooms. But they don't. While part of this lack of usage stems from problems with education reform that emerges from administrators and education boards not fully understanding the technologies themselves, another part of teachers not using technology in the classroom comes from the simple fact that they don't know how to use the technologies, let alone how to incorporate these technologies into their classrooms. In some cases, the teachers don't know about the technologies at all. If we are going to be the teachers who use the technologies in our classroom, we have to become proactive in learning these technologies. So we must organize orientation programs for the teachers on the basis of all latest technology outputs.

CONCLUSION

We should understand and explore the importance of technology in our daily lives, let us first start by defining Modern technology can be considered a direct consequence of the innovations and studies in the fields of science and engineering. There is no doubt that technology has greatly influenced modern society and lifestyles. While most of these influences have been positive, there are few negative ones. Here we are in need to focus on the positive impact and significance of technology in the fields of education. Teacher educators should focus and sustain the knowledge of technology. Also develop themselves to bring a desired change in this techno world.

REFERENCES

1. Duhaney, Devon C. (2001). Teacher Education: Preparing Teachers to Integrate Technology. *International Journal of Instructional Media*, 28.1(23).
2. DM Brooks, TW Kopp. (1989). Technology in Teacher Education. *Journal of Teacher Education*, Vol. 40, No. 4 (2 – 8).
3. J. S. Rajput. (2001). Reforms in Teacher Education in India. *Journal of Educational Change*, Vol 2 (3), pp. 239-256.
4. Kearsley, Greg; Shneiderman, Ben (1998), Engagement Theory: A Framework for Technology-Based Teaching and Learning. *Educational Technology*, Vol. 38(5), pp. 20 -23.
5. W. R. Houston (Ed.). *Handbook of Research on Teacher Education*, New York.