Integration of ICT in Teacher Education

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ABSTRACT

With the developing new innovations, the teaching profession is advancing from an emphasis on educator focused, address based guidance to understudy focused, and intelligent learning situations. Information of ICT and abilities to utilize ICT in educating/learning has increased tremendous significance for the present instructors. Trainers are required to know to effectively incorporate ICT into their branches of knowledge to make adapting progressively important. This information advancement during educator training projects has increased much significance with the idea that introduction to ICT during this time is useful in expanding understudy instructors' ability to incorporate innovation with study hall educating. This paper centers on issues identifying with ICT reconciliation as a center segment in teaching training.

Keywords: ICT, integration, information, teaching training.

INTRODUCTION

Teaching occupies an honorable position in the society. A competent teacher has several skills and techniques for providing successful teaching. So, development and increase of skills and competencies of teacher required knowledge of ICT and science and technology. In modern Science and technological societies, education demands more knowledge of teacher regarding ICT and skill to use ICT in teaching-learning process [1].

To know the world of technology in a better way by which it can be applied in future for the betterment of the student's transformation of school and colleges or the Education system is possible with the Integration of ICT in Teacher Education. ICT is universally acknowledged as an important catalyst has social transformation and national progress. The professional preparation of teachers has been recognized to be crucial for the qualitative improvement of education since the 1960 (Kothari Commission 1964-66). The Commission recommended the introduction of integrated courses general and professional education in Universities with greater scope for self study and discussion and a comprehensive program of internship. There is a immediate need of training & Orientation of Teacher. The information Technology sector in India is a study in contrast. India has one of the lowest IT penetrations among comparable countries in its domestic market where as India's IT services exports showcase a unique model of global competitiveness [2].

Not very long ago, about fifteen years or so ago, just talking about the use of computers and information and communication technology (ICT) in education would make many teachers feel uncomfortable. I am one of

them. Today, the situation is somewhat different. The current problem is not the introduction of ICT in Education (Schools and Colleges) but how and for what purpose. We all know that a great number of schools and colleges still don't use information and communication technology. There is no need to mention some causes because we all can think of some [3].

The main problem is not to find answers to be 'hows' but to find reasons to justify the use of ICT. The Reasons are that provide a good purpose for our efforts to learn as well as to use them in our daily personal and professional lives [4].

We know there are so many problems in using these technologies as Infrastructure problem, Illetracy, Rural background, Internet connectivity, Lack of Trust and many more but a coin has two sides, we all know for a country like India, to grow rapidly, to become developed rather than developing it is must to use these ICT in Education System, especially in Teacher Education [5].

Rather, I will say it should be mandatory only then it will be more effective.

Young generation feel comfortable with this ICT then why not all. As ICT which is now broadly used in educational world. Teacher, student, administrator and every people related to education are popularly used ICT. But it should be for all because, it makes teaching learning process, easy, effective and interesting. And we can say that Integration of ICT acts as the GATEWAY to the world of information and helps teachers to be updated. It creates awareness of innovative trends in instructional methodologies, evaluation mechanism etc. for professional development [7].

Laptops, LCD, Projector, Desktop, EDUCOM, Smart Classes, Memory sticks are becoming the common media for teacher education.

So we should use ICT in Teacher Education in 21st Century as because now teachers only can create a bright future for students. Now -a-days, new trends in teacher education are Inter-disciplinary Approach, Correspondence Courses, Orientation Courses etc [8].

Simulated Teaching, Micro Teaching, Programmed Instruction, Team teaching are also used in teacher education.

Action Research also implemented in Teacher Education. And through all these techniques integration we can understand the seal world problems and integration of ICT also help teachers, Students and parents to come together. CCE (Continuous and comprehensive Evaluation) helps students as well as teachers to use more technology for making teaching learning more attractive for the betterment of our future generation [9].

CONCLUSION

At last, I conclude that teacher must know the use of ICT in their subject areas to help the learners for learning more effectively.

So, the integration of ICT in Teachers Education is very much essential.

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