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# Role of ICT in Teacher Education

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**ABSTRACT**

Education has a fundamental role to play in personal and social development. It is not a magic formula or miracle that helps in attaining all the ideals. But it is one of the principle means available to foster or deeper and more harmonious forms of human development through information and communication technology. ICT can stimulate motivate and spark students appetites for learning and helps to create a culture of success. Education has to play a vital role in making man aware of this fact. The aim of educations to achieve over all development and enlightenment of mind, broader the vision and character building which can be beneficial to the individual himself and to the society and nation at large.

## Introduction

Global education stimulates curiosity motivates learning and contributes to the raising of standard education through the advancement of technology. The world is undergoing a revolution. Technology is revolutionizing our field in education by altering its structures and developing new ways to access information. The information age comprising of the internet, instant communication, globalization of our economy, our languages and culture has transformed every aspect of our life. The role teachers in the teacher education programmes fully utilizing the technology progression. The world is becoming more interrelated and interdependent given the increase of digital communication networks that will soon cover the entire globe.

## Impact of ICT

Due to the development of information technology the world has shrunken to a global village. The impact of information technology is felt in all spheres of human life and resulted in growth of either technology. The growth of information technology facilitated the interaction of different minds situated across the globe, where mind meets mind resulting in information sharing or knowledge sharing which is a filling up to the growing knowledge.

## Meaning of ICT

Information technology is nothing but

- Sharing and interchanging information such as knowledge mental skills, motor skills and attitudes through the use of mass mediated especially electronics
- Achieving success in this sharing and interchanging by having communication.

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**Communication Technology is Nothing but**

- The interchange of thoughts.
- To overcome the barriers of communication.

So, the teachers will always be an essential mediator of knowledge and learning skills, there is currently a bottleneck caused by the lack of teacher education training which inhibits the adoption of ICT. It will not be overcome unless resources are allocated to the teaching profession to equip them to adapt to educational ICT as an integral part of their teaching strategy.

**ICT Training to Teacher Educators:**

- Awareness phase
- Learning theories and technology integration.
- Understanding system software
- Using multimedia
- Using internet
- ICT for professional and personal productivity

A changing role for the teacher, moving away from being an instructor or information to an advisor, manager and facilitator.

**Conclusion**

As I conclude in this paper ICT in teacher education has the capacity to accelerate major changes in teaching profession. As teachers aspects bring are to realize the fact that today's world is very much concerned with the greatest challenges to education. The greatest challenge to education is to the gap between the developed and developing nations and also to start thinking in terms of the world understanding, culture and awareness. So, the role of ICT in teacher education programmes enhancing teacher-learner contact through e-mail, chat sessions etc.

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