

Role of ICT in Teacher Empowerment

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Abstract:

Education plays an important role in all countries and India is no exception. It always remains a challenge and there are huge gaps to fill. As for India, poor teacher training attitudes, poor infrastructure, shortage Insufficient resources, low literacy rates and existing socio-economic conditions Indicates that a state full interface is required to access knowledge. Aiming to provide quality education for social success development. Literacy rate of socially disadvantaged and vulnerable groups are declining. Developing viable models for developing countries is essential. Recently, digital resources and ICT tools have been made available to support this learning and teaching. Using technology to improve key questions

Introduction

India is a developing country focused on improving social infrastructure. Government initiatives in the form of programs like 'Sarv Shiksha Abhiyan' and it emphasizes the role of education in any agenda for achieving functional literacy. Education plays an important role in all countries and India is no exception. It always remains a challenge and there are huge gaps to fill. As for India, poor teacher training attitudes, poor infrastructure, shortage Insufficient resources, low literacy rates and existing socio-economic conditions Indicates that a state full interface is required to access knowledge. Aiming to provide quality education for social success development. Literacy rate of socially disadvantaged and vulnerable groups are declining. Developing viable models for developing countries is essential. Recently, digital resources and ICT tools have been made available to support this learning and teaching. Using technology to improve key questions The training is:

Technical, administrative and infrastructure requirements for training delivery.

Effective learning environment.

What pedagogical models are possible when using ICT in education and learn?

How to ensure accessibility and use protocols and standards?

ICT and Teacher Empowerment-

Teachers are at the heart of improving education. Empowering teacher's schools become a component of the study restructuring paradigm. It is necessary to focus on increasing the competence of teachers. The feature consists of two things:

- 1-Add practices provided by incentive organizations Autonomy, choice, control and responsibility.
2. Allow individuals to demonstrate existing skills and learn. New capabilities to support and improve operations. The role of the teacher is not limited to the first role or the second role, Teachers also serve as instructors and facilitators for instruction and coaching in addition to teaching. The traditional role of teachers in school education. empowering teachers It is a complex structure related to participation in decision-making, It can be seen as an extension of teachers' status, autonomy and most importantly, rights.

Successful opportunities for self-professional development and self-efficacy for delivery of content. Schools can integrate the use of ICT in teaching and learning throughout the school curriculum. Schools can adopt this strategy for transforming educational practices by using ICT to affect change. ICT is "access, collection, handling, presenting or reporting information through technology. It may include equipment (eg computers and other devices); software application; and connectivity (eg Internet access, local area network infrastructure, video adding Communication to Information Technology (IT). We emphasize that we attach great importance to the communicative aspect for new technology. ICT includes identifiable blended learning solutions. "A combination of print, radio, video and face-to-face text material, Hands-on experience using computers and the internet for effective teaching. A range of new and emerging cyber technologies This is a powerful opportunity to transform both access and quality of education. It plays a revolutionary role in the dissemination and improvement of knowledge according to the directions. Skills can reinforce and reinforce existing knowledge, objectives, curriculum content, teaching and learning methods. Teacher empowerment is related to teacher's professional development which Includes training to improve the quality of teachers and professional teacher. The development aims to guide students in a comprehensive way using ICT. Problem solving and dynamic management of the learning environment. ICT can compensate for the traditional curriculum and standardized testing systems, digital literacy and use of ICT for professional development. It can lead to professional development empowering the teacher. Teachers should not only have basic ICT. However, the move towards technology integration should be encouraged. Teach topics and practices. Teacher empowerment is not just about how Information about using technology and why and when to use technology for transformation educational experience. The integration of ICT represents a change in educational practice. make ICT less peripheral in classroom teaching.

The role of the teacher in ICT-

A delegation involves two sets of activities or roles.

1. Educating teachers about ICT and the use of ICT as computers in education introduced in school
2. As a means of providing teacher training as a basic or core course Act as part or in an additional role in the program The role of ICT can be seen as a core and complementary technology, vocational training and education. A key technology role means: "A principled way to structure the learning experience". Using ICT as content in the classroom Focus on teacher training. Use ICT as your core technology participation. On the other hand, complementary technical roles do not necessarily provide value function for use of ICT in the classroom. The aspect of participation ICT has been included in the formal curriculum in most educations, early practices, mainly due to the absence of computers technical expertise and insufficient resources. ICT Integration is Individual or interdisciplinary phenomena which affect the Integrating and implementing technology in the school curriculum. Description of information and communication technology. It can be integrated into the curriculum through an online virtual community, Labs, resource web portal and e-learning.

Pedagogical changes in ICT and Education-

As teachers learn how to use ICT as a teaching tool, enhancing student learning experience and positively impacting learning. Student outcomes, teachers become master learners and knowledge producers. Talent that pursues endless learning experiments and innovations knowledge formation and learning experience about learning is like being a teacher. As you become proficient in using ICT, you can use these tools in

the classroom. Traditional courses can be supplemented with ICT in the form of e-learning. "E-Learning is process automation. Teaching and learning using IT. You can call it E-Learning.

A process that enables education or learning over a network, i.e. Internet, intranet or extranet.

E-Learning is learning by electronic means networks through which content is transmitted over the Internet, intranets, extranets; Audio/video cassette, satellite TV, video conferencing and CD-ROM. So, E-Learning facilitates the virtual transfer of knowledge and skills over the web. Virtual classrooms and clubs with similar discourse with E-learning is a combination learning services and technologies that deliver high-value integrated learning; anytime anywhere. It is also becoming the next evolution in education. The next step in education and the digital revolution. There are four phases of the e-learning program, including skills, tools, standards and content. Teaching is complementary to traditional classroom instruction. It uses ICT tools such as computers to help improve the quality of content.

Conclusion

Teacher empowerment focuses on the adoption of ICT in teaching and learning. primary and secondary education. Teachers must be well equipped in ICT. Therefore, teachers must first have experience using the technology. It can be used in the classroom. There was a need to introduce technology in education. Integrating content, technology, and teacher's pedagogical knowledge. Using technology and using computers to teach instead of traditional methods which is so much in dominant culture of the school system and lack of access to equipment; Technological infrastructure often hinders use of technology in education. If schools continue past practices that do not improve education. To put this to good use, existing curriculum and pedagogy must be reformed technological progress. For teachers to improve education by integrating technology into the curriculum, Teachers need access to technical support while learning. This can be provided in the form of regular educational seminars, methodology, teacher training modules, online portal and ongoing support. organizing the ICT integration process, technology and pedagogical approach. Teachers are trained to use ICT. As an educational tool, teachers learn the range of assessment paradigms to use. How well it predicts the vision of ICT innovation as a catalyst for ICT and education. If ICT is valued as an important learning tool and we want for teachers to use ICT in the classroom, ICT must be an integral part of this process, A training program for teachers. Therefore, if teachers

are expected to use ICT to teach, we have to educate them with the help of ICT. Integration and use of ICT in teacher training and developments that reflect, to some extent, contemporary socio-economic problems and prevailing educational conditions.

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