

REBOOTING TEACHER EDUCATION FOR NEW GENERATION FOR LEARNERS

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ABSTRACT-

The Teacher of day to day is not very clear about the role that he has to play in the school, through he is called the architect of social change and the agent of bringing about the desired changes in the society itself to meet the various demands of students. The school of today generally lay emphasis on a integrated and balanced personality of the teacher as a whole. The teacher of today, must be the teacher of a whole man, we teach more by our action than by our preaching. Teachers are a section of community sharply segregated from the rest of the community preparing themselves for their life works in institutions where there fellow students will be preparing themselves for developing human attributes. Digitization is the first step in modernizing education and society for development of whole individual. For example educational platforms which offer online guidance and video tutorials for classes from kindergarten to colleges are existing attempts at digitization. With digitization the possibility of implementing and promoting blended learning becomes real for today's generation of learner. Rebooting education is a process to a whole new system of e-learning is an answer to how we as a community and people should prepare ourselves to embrace and adopt an innovative approach to the conventional methods of learning in present situation. So for today generation education must be digitalized and teacher education process should be rebooting with science and technology. The 21st century learners are very much upgraded so it teacher is the one who show their path effectively and positively so that learner use their time properly. So in this paper it mention that if teacher education rebooting then it will develop skills both theoretical and practically.

Keywords- Digitalization, Teacher education, 21st century learner, Science and Technology, Rebooting, Student learning

I. INTRODUCTION

The teacher of tomorrow should be one who can design a teaching situation and teaching method which is conducive for the growth of pupils and society in a better way. Now days a teacher is in the urgent need of certain skills and competencies' to develop their knowledge. Today's students are not able to relate to the chalk and talk method which is given earlier. Technology needs to be used extensively and appropriately if we want to get their attention and interest of learner. Students must be allowed to work in groups properly and taught to collaborate each

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other in their learning environment and learning process. It might mean rearranging the infrastructure in the class and making the whole school technology enabled. It is sound eden but we owe this to our students. Either we keep pace with technology or become irrelevant in the field of education. If we don't update the content and method of teaching delivery, we will be adding to the millions of educated unemployables in the country and country becomes poor. So we must rebooting education system and teacher learning skill.

Today generation is born with technology and their necessity of life are mobiles, laptops, computer etc. without which they feel handicapped. For instance, Klimova states that a mobile application designed and based on students' needs and continuously facilitated by a teacher is effective in the enhancement of students' performance and contributes to positive learning outcomes.

They love the web with its assortments of hyperlinks rather than to sit in class-room session and spending their crucial years in labs and libraries being run in an old and outdated fashion. The old school curriculum model of passive learning facts and reciting them out of context is no longer sufficient and suitable to prepare students to survive in today's world. Here, emerges the role of a Teacher- 'New Generation Teacher', not only for providing first aid knowledge to students experiencing depressive pressures and fears but also assisting them and monitoring until the crisis are resolved. He fully understands how to impart a lesson in a class having individual differences and children with different ability moods, energy levels, and attention span and learning abilities. Teachers have the ability to shape and guide leaders of the future citizenship in the best way for society to build positive and inspired future generations and therefore design society, both on a local and global scale. In reality, teachers have the most important job in the world to mould the student's behaviour. Those who have an impact on the children of society have the power to change lives. Not just for those children themselves, but for the lives of all. Teachers are the ultimate role models for students. The fact that students come into contact with many different types of teachers in their academic career means that more likely than not, there will be a teacher that speaks to them. The teacher-student connection is invaluable for some students, who may otherwise not have that stability. Teachers will stay positive for their students even when things can seem grim. In order to effectively use the technology, we need to develop new instructional strategies, methods and techniques that are learner-centered (**Gillani, 2003**). Using technology in educational settings is becoming a standard for 21st century's learners. The Internet changed the instruction and learning model. Learner can use internet for learning activity any time and teacher also use it for distance instruction (**Özkan Yılmaz, 2017**)

II. PRESENT TEACHER

A great teacher always has compassion for their students, understanding of their students' personal lives, always try harder and appreciation for their academic goals and achievements. Teachers are role models for children to be positive, and reach for the stars. Nation depends on the activities of the teachers. Identically, they are working to grow the basement of the students. No matter it is school, college or university, a qualified teacher is the builder of a student. Even a teacher on the special skills or technical courses is keeping role responsibilities on the societies.

For this reason, the leader of tomorrow is created by a teacher. At the same time, if a teacher fails to discover the eternal power of a student, the student fails in his whole life. That means a teacher is the best mentor for a life of the student. If 21st century learners are to be educated in the process of developing critical thinking, problem solving, and communication skills, use of meta-level cognitive activities for lifelong learning is of paramount importance
Lopez Brown, P. (2017)

III. NEED OF REBOOTING TEACHER EDUCATION FOR NEW GENERATION

Every generation of students has its own characteristics affected by the time period they grew up in. It is advisable to use mobile phones in language learning for a short period of time with follow-up activities built around information generated by the mobile use. (**Open university**) 21st century teaching and learning methodologies are reflective of practices aimed at engaging students in cognitive learning, and the development of higher order thinking skills (**Christensen, 2008; National Academies of Science, 2007**)

The world has changed dramatically during the last few decades. The traditional model to technology based prepares students worked well for the industrialization and jobs of the 21st century. It is a whole different world now. Now is the time to implement the active “learning – skill based – individual assessment – cooperation” model of the 21st century. 21st century students need 21st century teaching methodologies. The students of today are all millennial’s or generation Y which means they are born after the year 2000 (the digital age), while the teaching methods in most schools and colleges of today are those of the assembly line production age. Students of today are digital natives while school leaders and teachers are often digital immigrants unable to comprehend the mind of the students. So it’s the Teacher who make education student centric. Teacher adopting the following points for rebooting education according to the students.

A. **PROBLEM BASED LEARNING-** problem-based learning has taken on a greater prominence in tertiary education directed at independent and team learning. It incorporates a variety of methods: peer teaching, collaborative learning, metacognitive skills, self-regulation, and use of cognitive apprenticeship (**Creedy and Hand, 1995**)

B. **FLIPPED CLASSROOM-** **Brame (2013)** identified four key elements of the flipped classroom based on students’ developing and understanding of factual knowledge in the context of a conceptual framework:

- Provide an opportunity for students to gain first exposure prior to class.
- Provide an incentive for students to prepare for class.
- Provide a mechanism to assess student understanding.
- Provide in-class activities that focus on higher level cognitive activities.

C. **SKILL BASED TRAINING**

D. SCIENCE AND TECHNOLOGY SHOULD BE PROPERLY IMPLEMENTED- There has also been advancement in science and technology, communications, space technology, research processes/knowledge generation in patterns of human beliefs and in the social values of individuals and groups (**Okogbaa Veronica, 2017**).

E. STUDENT INTENSIVE EDUCATION

F. BRAIN TRAINING AND LEARNING THROUGH GAMES

G. REORGANIZATION OF ELEMENTARY TEACHER EDUCATION

Shaw (2014) identified three compasses to be followed to develop education that can be categorized as 21st century. The first direction is that the educational programmes must have the critical attributes of being: -

- Integrated and interdisciplinary
- Student-centred
- Project based and Research-driven
- Relevant, Rigorous and Real world
- Technologies and Multimedia
- Global classrooms and Globalization
- Adapting to and creating constant personal and social change and lifelong learning.

Six Skills of the active Citizen of the 21st century which should be develop properly for rebooting teacher education-

- Learning skills
- Environmental skills
- Global Skills
- Technological skills
- Social Skills
- Entrepreneurial skills

Wagner (2011). The seven survival skills are:

- Critical thinking and problem solving
- Collaboration across networks and leading by influence
- Agility and adaptability
- Initiative and entrepreneurialism
- Effective oral and written communication
- Accessing and analyzing information
- Curiosity and imagination

IV. HOW TEACHER EDUCATION SHOULD REBOOTING

The teacher education programme of present generation is based on the objectives of Teacher. So NCERT put forward the following point through which teacher education should be rebooting according to new generation learners, 21st century learning, outside of school, continues to change in dramatic and yet unimagined ways with transnational movements of people across the globe and daily technological advances **Faulkner, J., & Latham, G. (2016)**

I. CREATIVE SELF EXPRESSION- Through creative self expression teacher develop the essential skills for guiding students.

II. ROLE OF PARENTS AND COMMUNITY- Parents also play a active role in developing students in present generation.

III. QUALITY ASSURANCE OF TEACHER- Quality Assurance means maintaining the quality for improvement. Quality assurance acts as a backbone in the total education process.

IV. PATTERN OF TEACHER EDUCATION CURRICULUM- a teacher must use variety of techniques for transaction of curriculum. Teachers from time to time analyze and evaluate the curriculum pattern, so that he or she can improve the learning process according to the young generation learner.

V. MODIFICATION OF TEACHER EDUCATION PROGGRAMME- The teacher education programmed must be modified to equip the teachers for the different roles and functions imposed by new technology. Teacher must be given training in the use of audio-visual aids and new techniques of evaluation along with the new subject matter.

VI. CONTINUING IN SERVICE EDUCATION OF TEACHER- Education is a dynamic discipline, innovative keep on taking place in its methods and techniques. In the words of Thomas Arnold, "*students should drink from arunning stream, rather than a stagnant pool*"

VII. REFORM IN EVALUATION SYSTEM- The evaluation system should be valid, scientific, and reliable. It must be continuous evaluated so that it can develop the futuristic view.

VIII. MUST BE STUDENT ORIENTED- For rebooting teacher education it must be student oriented.

V. CONCLUSION

The teacher of tomorrow should be one who can design a teaching situation which is conducive for the growth of pupils' mental health and develops in them a commitment to a set of values that is creativity and enquiry skills(**R.A Sharma 2014**). The school of today generally gives emphasis on integrated and balanced personality of the teacher as a whole man. The entire teacher should be trained. Compared to earlier generations, the attention span

of Generation Z is more limited, caused by the continuous interaction with the multimedia environment, which predisposes the brain with a shortened attention span (**Petra Poláková, 2019**)The Coronavirus pandemic has unleashed the power of technology in our lives, like never before. While the education of 300 million students was impacted worldwide, today many are back to learning thanks to online teaching. Understanding the complexity of the learning environment and applying these learning theories created to explain ICT-mediated learning are useful for language teachers in designing and delivering the curriculum adapted to the digital age. In this sense, we can identify ICT integration trends and pedagogical models to enhance learning experience in language classes.

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