

Best Practices for Quality Enhancement Among B.Ed. Teacher Trainees

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ABSTRACT

This research paper discusses concept of best practices and their importance. Teaching as a dynamic field, one must have knowledge of various practices to carry in classrooms. Best practices have their own contribution in quality enhancement of an individual and an institute too. Teacher trainees are the futures of nation. They contribute to future generations. Hence to enhance their quality in pre-service education best practices will play vital role. Best practices presented in the paper are recent trends in education.

Keywords- *Best practices, constructivism, artificial intelligence, brain science.*

INTRODUCTION

In the society the expectations from education focus on having teachers- to be future leaders to ensure sustainable development. The role of teaching learning process has changed from teacher dominated classroom practices to collaboration among the teacher, the learners and their peers. The key role of educational institutes reflects in a variety of initiatives which are hold to transform the nature and function of education formally or informally. The necessity in the teacher education was felt to prepare quality teachers. On the other side teacher-learners are inseparable. The teacher can effectively meet the demands of the learners. To do these things, teachers need to identify and adopt best practices. In the present scenario the fast- paced educational innovations become necessary for continuous review and improvement of the overall functions of the teachers. At times there is a little hesitation on the part of some teachers and institutions to share their best practices. In the present age of information explosion the teacher play not just an important learning-support role, but the teacher himself is growing as a resource of learning.

B.Ed. teacher trainees are the future teachers for upper primary, secondary and higher secondary level. These levels of the learners are self molding stages. If they are acquainted with such practices they can easily use their skills towards innovations. Hence the teacher trainees of B.Ed. must know best practices & must use them in classrooms.

WHAT ARE BEST PRACTICES

According to Investopedia, “Best practices are a set of guidelines, ethics or ideas that represent the most efficient or prudent course of action. Best practices are often set forth by an authority like

government or management body depending on the circumstances. While best practices generally dictate the recommended course of action, some situations require that industry best practices be followed.” To search best practices is taking the time to research for planning and best ways to get it done.

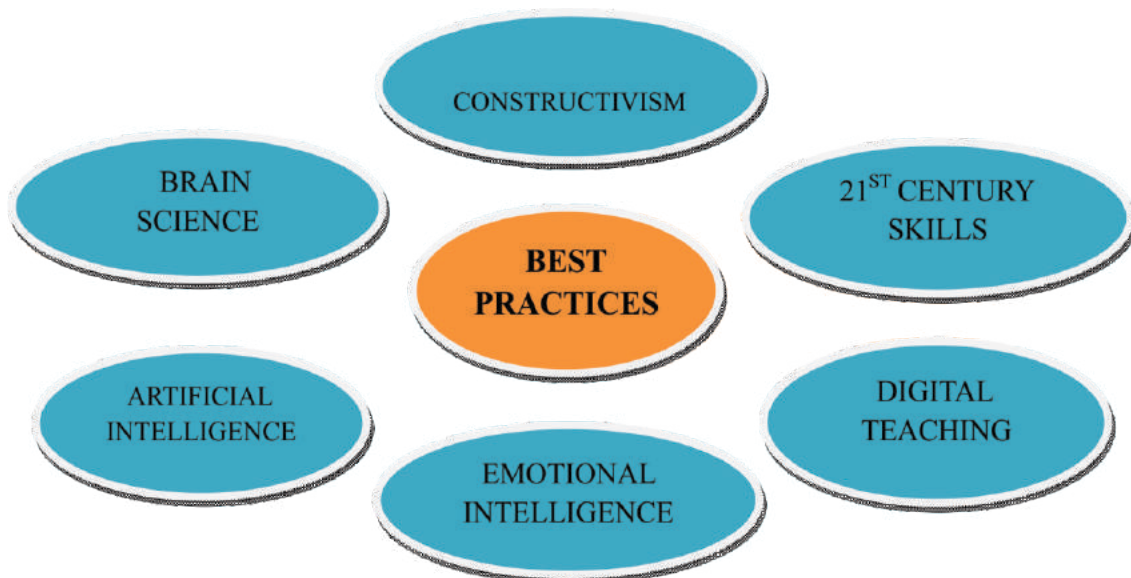
IMPORTANCE OF BEST PRACTICES

Best practices are important for processes which one thinks of doing correctly. They are the best ways to do things through trial and error that are found to be the most sensible way to proceed.

- 1) Best practices are applicable to all grade levels and provide support for instruction.
- 2) Best practices motivate, engage and prompt learners to learn and achieve.
- 3) Learners who acquire the knowledge, skills and abilities to connect ideas and concepts across disciplines will be successful as measured by tools of assessment.
- 4) Best practices interlink the curricular activities by developing skills like thinking and Problem solving through integration and active learning.
- 5) Relationships are built through opportunities for communication and teamwork.

SOME BEST PRACTICES FOR B.ED.TEACHER TRAINEES

Strategies and practices can vary depending on the age group and ability of students but some general best practices that are used by teachers today include-



1) Constructivism

Constructivism is creation of knowledge. Every student creates his own knowledge. Teacher helps learner in the process of creating knowledge. Learning is based upon experiences. Learners learn through the learning process (learning to learn). Learning takes place with references. Learning is personal action as well as its social also. Language is at the centre in learning process. Teacher has to put new challenges in front of the students. Learning takes place by helping each others. Learning needs efficient time & emotional balance. These principles of constructivism are not only at theoretical level but tell scientific information about learning process. These principles are very practical and applicable.

This principle gives the teacher a broad vision of the learners learning. This is the first step of educational transformation. Today educational transformation needs that the teacher must move from behaviorism to constructivism. Every teacher has to create new roads in educational field and should acquire the skills supported to constructivism and attitude behind it.

Use: - child centre system, experience based education, self learning/self study

2) 21st Century Skills

The only sustainable thing in this world is change. Human beings are facing the revolutionary uncertainty and phenomenal changes. Is education system ready for this challenge? How should we prepare our children to face these challenges? How to go through critical situations? For all these things which skills should our children need?

Few years ago smart and quick information was not available. But now a day's our children can get it on one click. Sometimes they have more information than their teachers.

We as teachers should take care that the information should be very clear to our students.

They should analyze the information; they should consolidate the information and should make the huge picture of the world. This ability should be obtained by every child. The learner should gain the comprehensive perspective of the universe. As stated above, change is the only sustainable thing; teacher should understand and accept the changes in teaching learning process. How will we face the phenomenal changes? What should we teach in schools? Experts say to turn over four Cs- Critical thinking, Communication, Collaboration, and Creativity.

Use: - To make learners turn towards life skills, to equip with advanced skills

3) Digital Teaching

Digital teaching is “teaching facilitated by technology that gives teachers some element of control over time, place, path and/or pace. Since digital teaching is far more interactive and memorable than voluminous textbooks or one-sided lectures, they provide better context, a greater sense of perspective, and more engaging activities than traditional education methods. This also allows students to better connect with the learning material.

Use: - Google classroom, Prezi, Self CAD, Quizlet, Class dojo

4) Emotional Intelligence

It is the ability to identify your emotions, to know what others are telling you, and realize how your emotions affect people around you. With high emotional intelligence you can recognize emotional states of yourself and others, and engage with people in a way that draws you to them. “Emotional intelligence is the ability to perceive emotions, to access and generate emotions so as to assist thought, to understand emotions and emotional knowledge, and to reflectively regulate emotions so as to promote emotional and intellectual growth.”(Daniel Goleman). A teacher himself/herself develops emotional intelligence in him/her before doing it for learners.

Use: - Validating students' feeling, expressing emotions, respect for each individual's feelings, supporting feelings.

5) Artificial Intelligence

Artificial Intelligence (AI) is the computer sciences branch which emphasizes the development of intelligence of machines, thinking and working like humans. Few examples are- problem-solving,

speech recognition, learning and planning. AI is also called heuristic programming, machine intelligence, or the simulation of cognitive behavior. The objective of AI is to enable computers to perform intellectual tasks like decision making, problem solving, perception, understanding human communication (in any language, and translate among them) Artificial Intelligence helps allow focusing on the personal needs of the student. There are many platforms that provide more personalized courses through AI. It's possible to create individual instructions, testing, and feedback these days.

Use- Smart Content, Intelligent Tutoring Systems, Virtual Facilitators and Learning environments.

6) Brain Science

Every body part of human has its responsibility. E.g. ears function hearing, eyes function seeing. Likewise human brain is an organ of learning. Leslie Hart explained brain based learning concept in his book Human brain and human learning (1983), "Today's teachers have to know the things optimum to brain science and opposite to brain science." You should know the relation of brain with learning. As Geoffrey Caine and Renate Nummela Caine say in their book "Teaching and the human brain" that teachers should know the principles of brain science & brain based learning. They also insisted to change attitude of schools. There is a lot of information and literature available on brain based learning and brain science. If it is proved that brain is an organ of learning, teacher must know about the learning process of human brain.

CONCLUSION

Best practices in simple term known as the practice which paves the way for enhancing the existing function and help in effective implementation or use of process. Teacher trainees should be motivated to be innovative and creative during the pre service programme. They must be equipped with best pedagogical practices to overcome challenges and problems. New knowledge and skills should be learnt by the B.Ed. teacher trainees with self motivation too.

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