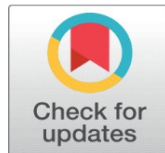


INTERVENTION OF NOVEL TEACHING TECHNIQUES AND PRACTICES

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ABSTRACT

The prime target of this article is to shed light on the various innovative and novel teaching practices that targets to enhance the teaching-learning process. Pedagogy which in a layman's language connotes to the art and science of teaching has various other implicit as well as explicit expressions to it. Of late, teaching and learning procedures have undergone sea changes. Education system has become more technology based. Good amount of stress is now being vested in creative thinking and education has a more interdisciplinary as well as multidisciplinary approach. Enormous resources are being now put into upgrade and revamp the education system. This is a worldwide phenomenon. This article mainly focuses on certain innovative practices that are now being implemented to improve the teaching standards and help students reach their proper learning outcome through proper understanding. Techniques such as – Experiential learning; Inquiry based learning; Embodied education system; Stealth Valuation technique, Argumentation technique; Behavioural Management practices and various other pedagogical processes constitutes this article. Nevertheless, the pros and cons of such techniques is also discussed.

Keywords: Pedagogy, Education, Teaching-Learning, Pedagogical Practices

1. INTRODUCTION

Importance of Pedagogy is unfathomable. Its importance has outlasted generations. Every time with changing needs and demands of the society structure of formal education has also undergone changes. The importance of pedagogy has been felt not only by teachers but extensive and intensive researches have been quite exponential. Pedagogy determines the proper learning and inculcation of course content essence by the learners. Teaching is such a task that demands creativity and innovation. New methods and techniques implied in this teaching profession aids the teachers and the students to grow interest and develop a heuristic attitude. New methods of teaching and learning helps in breaking the monotony that often develops due to application and implementation of a particular methods over a long period of time. Diverse pedagogies have been used to help students achieve their objectives as learners with clear sense of what they learnt.

Elucidating from the point of view of NEP 2020, the teachers must be provided with good facilities and opportunities for receiving training to develop teaching skills. According to the latest educational policy training on pedagogy must focus on the following:

- Addressing the different learning needs of students within a classroom and institutions-needs of differently-abled students.
- The difference in the learning styles (visual, auditory and kinaesthetic learning styles) of students.

- Diversity of the background of students in terms of the discipline of study, the social, economic, cultural and educational background.
- The difference in the pace of learning.

Pedagogy can be also better understood from perspectives of students and teachers.

The process of pedagogy is never complete until and unless the teaching approaches employed on the students are well accepted and the learners are able to get good hold on the subject content. Curriculum is always in such a way that caters to the learners' needs. If the course content is not well presented then assimilation of knowledge remains in vain. Therefore, pedagogy helps to combine the various ways and methods that can help in good and impactful teaching and effective learning.

This article primarily targets to discuss few innovative and novel teaching methods that are now trending across the globe. The relentless and perpetual effort is being put into curriculum construction. Education being an important sector upon which the future of every nation relies, therefore extreme care and attention is undertaken to frame a good curriculum. Formulation and implementation of innovative methods in teaching and learning affair.

Innovative teaching practices are not only rewarding for the students but for the teachers to a great extent (Khairnar, 2015). Even though the traditional methods of teaching do have effective result outcomes, new methods trigger interest and motivation among students to know and learn more.

2. INTERVENTION OF INNOVATIVE METHODS IN TEACHING AND LEARNING

1) Multimedia

The extensive use of multimedia has genuinely helped in teaching learning affair. Multimedia usage in teaching learning involves the combination of media formats as it texts audio visual effects and images that sometimes create engaging environment for the students. This also helps the teacher in demonstrating what he or she intends to put forward. India has proved to be a very effective tool for making students understand and reaching their goals of understanding the content of their syllabus without much hassle and boredom. This kind of learning mix the entire process of pedagogy more meaningful (Jayashree, 2017). The author also found out that students paid more attention to their course content. Some of the multimedia technologies mentioned by the author are: - Power point presentation, educational videos on You tube, Gyan Darshan broadcast, SWAYAM courses, National Programme on Technology Enhanced Learning video lectures, MOOC etc.

2) Experiential learning

This kind of learning is another very intriguing pedagogical approach. This kind of teaching Method comes from experiential learning theory which has its foundation in the theories proposed by John Dewey. And Kolb and Rogers. You know this concept of expansion learning is learning by doing and it is all about the application of knowledge appropriately at most pertinent situation. According to Rogers, I "Experiential learning addresses the needs and wants of individual and is related to personal change and growth". Kolb (1984) Proposed 4 stages under this kind of learning as in:- (a) Concrete Experience (b) Reflection (c) Abstract Conceptualization and (d) Active Experimentation. Concrete experience essentially meant doing or acting upon, whereas reflection connotes observing or the process of observation. Abstract conceptualization triggers thinking and instigates the student to think develop ideas and finally active experiment means execution of the plan.

3) Embodied Education

This is another pedagogical technique that involves an excellent engagement of body and mind. Learning involves the interplay and interaction of body and mind. As it has always been believed that that a healthy mind resides in a healthy body, embodied learning is a n excellent method of keeping a student healthy both ways. Embodied education emphasizes on enormous physical engagement along with appropriate sensory experiences since it involved sensory experiences along with motor activities Any kind of learning becomes more impressive on the part of the student this kind of learning recognizes our mind and body as both essentially functional tools in the teaching learning process. Since higher education becomes too bookish, this kind of learning is being now implemented in higher education, so that the students can engage themselves in psychomotor activities. Quintessentially, embodiment means exploring our sensory abilities and are capacity of performing rather than only thinking about our discrepancies and deficiencies and disabilities (Stolz, 2015). Therefore, as per researchers Oylu, Holbert, and Wilensky (2017) the basic concept of

embodied learning emphasizes the "...learning process that connects psychological processes with the body and the environment to get the right concept and understanding".

4) Inquiry based learning

A very interesting research outcome came up with the fact that learning that took place through inquiry and inquisitiveness displayed higher self-efficacy attribute among students at the higher education level. This teaching process is student centred approach the students' inquisitiveness and questions arising from curiosity sets the teachers to mould, shape and create course content (Tsourlidaki et al., 2015). There are four types of inquiry-based-learning. The Structured Inquiry Approach focuses on how to form questions and find out real-world problems. This approach is mostly used in science classes / subjects where, the students are let to solve problems scientifically and logically. The students here investigate solution to a given problem, The next type of approach is Open-Ended Inquiry Approach. Here the student is provided with a free learning environment and they are allowed to ask questions of any kind pertaining to their course/topic of study. This method is mostly applicable in teaching humanities subjects. Debate and in-depth discussions are two attributes of this kind of learning. The problem-Based Inquiry Approach is another kind of teaching approach where the students are told to use their sense of application. They are given practical problems that mostly pertain to subjects like mathematics and engineering. The students strive to find out solution mainly with the skill of applying the knowledge which they learnt. The last kind of approach under Inquiry Based model is the Guided Inquiry Approach. This method again puts the students face to face with problems that are solved with proper practical guidance. The students are encouraged to ask questions and form views on things they are eager to learn. This process is used mostly at the middle school stage of education. This kind of teaching method invigorates practical and critical thinking, improves group activity communication and application skill. Besides, this approach encourages creativity.

5) Stealth Valuation Technique

In this era of high technology use, formal education by and far encourages it use. Various assessment tool for students' academic progression uses technology. One such method now used to evaluate the stealthiness of students is the Stealth Valuation Technique. This method assesses the level of creativity, patience and persistence of a student through various game plays. It is a very innovative method as it tends to keep up the body and mind fitness. It stresses on the activities of both body and mind. It emphasises on the engagement of both body and mind. This kind of pedagogical method is not only implemented at the secondary level but at tertiary level of academics (Rahimi and Shute, 2023).

6) Argumentation technique

Teaching-learning is such a process especially at higher education level structured debates socratic questioning and evidence-based discussions are extremely essential. This is because it helps students to think to wonder deeply to create ideas to be creative and to Validate their queries with good findings and answers. This kind of technique used in pedagogy helps in developing critical thinking among students it promotes reasoning and rational thought productions it helps in deeper understanding of any course content. When we talk of arguments and argumentative learning four kinds of arguments generally surfaces deductive inductive abductive and analogical. This method promotes the ability of argumentation which is considered as an intellectual and communicative activity. (Gurav, 2020).

3. BEHAVIOURAL MANAGEMENT PRACTICES

Teaching and learning involve human beings. Especially the ones who are learners are the on the receiving end. The teachers are the providers of knowledge. Teachers help in building skills. Skills development Skill development takes place on two grounds a) Skill development on a particular subject or field and b) Personality development. This technique is mostly used to foster positive attitude and good learning environment. At the formative years in school certain practices to infuse good behavioural aspects in students, certain practices like: - Maintaining a routine, set good rules, create lessons that can inspire students and help them aspire for better work, build a positive attitude among students, develop a good healthy relation with students are some of them. Good behavioural classroom practices help treat disruptive behaviour (Akin-Little, 2011).

4. CONCLUSION

There are various other significant practices that are now being implemented at various stages of education. Good pedagogical tools help the students to grow on the course content ultimately leading to better understanding and

assimilation of knowledge. The primary aim of any teacher is to make their students get good hold on the subject and master it. A complete understanding of the curriculum is extremely vital. Once a content is well understood, the students' engagement in that field amplifies.

CONFLICT OF INTERESTS

None.

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