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## A STUDY OF INNOVATIVE TEACHING-LEARNING PROCESS IN THE B.ED COLLEGES OF AURANGABAD CITY

SHAIKH IMRAN RAMZAN AND SHAHEEN PERVEEN

Associate Professor, Marathwada College of Education,  
Maulana Azad College Campus, Rauza Bagh, Aurangabad  
Principal, DSR College of Education,  
Aurangabad

### Abstract:

*The need for continuous change in the emerging areas of higher education is propelled by the enormous development and evolution in the global society. These compelling factors have been facilitating as prime moves for the big strides of higher education in recent times all over the world resulting in innovation of various aspects of higher education including remarkable changes in teaching-learning process. Teaching-learning process includes teachers, students learning process and learning situation. The education commission 1964-66 which examined all the facts of education at all levels very aptly began its report with these words "the destiny of India is now being shaped in our class room."*

### KEY-WORDS:

Innovative , Teaching-learning , Global Society , Teaching , Education Innovation.

### INTRODUCTION

This, we believe, is more rhetoric. In a world based on science and technology, it is education that determines the level of prosperity, welfare and security of the people. On the quality and number of persons coming out of our schools and colleges, will depend our success in the great enterprise of national reconstructions."

### CONCEPT OF TEACHING-LEARNING

Teaching is a two way communication between two or more persons who influence each other by their ideas and learn something in the process of interaction. Teaching is an intricate, exciting, challenging and interactive skill. The modern teaching process emphasizes on the learner, guides the learner and promotes learner development. Teaching if, highly developed, is an art and truly teacher is an artist. The art of teaching calls a high degree of flexibility, adoptability and nimbleness of mind, teaching is one word but it includes multifarious activities. The main function of teaching is to create learning situation, impart knowledge, develop understanding and skill, motivation to learn, diagnosis of learning problems, making curriculum material, recording and reporting the learner's development etc.

Learning is a process which produces desired changes in the behaviour of the learners. Learning situations are the basic to understand the concept taught. Learning takes place when insight is gained, when the processes are learned. There are some conditions which can ensure good learning. These conditions are motivation, psychological security, experimentation, comprehension; understanding and feed back of the learner. In a learning situation student's active participation is the most essential aspect for effective learning. In short, learning is active exploring, conceptualizing, experimenting and interacting process. On

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the other hand, the quality teaching-learning process requires strong emotional involvement on the part of a teacher in addition to deep understanding of their subject and sound professional competence.

#### **EDUCATION INNOVATION-**

The Oxford Dictionary has mentioned the word innovation as the introduction of novelties, the alteration of what is the established methods. Education is a powerful instrument of social change and transformation.

The problem of the society are essentially the problems of the educational institution and such institution are required to teach new skills, develop new insight and approaches to the solution of the social problems which a nation faces, in order to develop better adjustment ability in the future citizens so that they may satisfactorily meet the challenges of global context.

There are three conditions which impel us to introduced changes and innovation in our education system. The first condition which necessitates introduction of change and innovation is the continuous scientific study of behaviour of the learner. The second condition which necessitated the introduction of innovative ideas is the application of research findings in the area of structural and organizational activities in the actual class room settings. The third reason is that now all over the world educationalists and psychologists are engaged in creating materials for instruction that are original and superior as compared to what we have had in the past. The use of technology and on-line learning is becoming an emerging area of education. Technology is going to transform our current understanding.

#### **NEED OF THE STUDY-**

The aim of teacher education is to develop skill and appropriate knowledge among teacher trainees for using and integrating the correct technology in an appropriate manner. Every teacher trainee should know how to use technology, pedagogy and subject area content effectively in their daily classroom teaching. It is clear that merely introducing technology to the educational process is not enough. One must ensure technological integration since technology by itself will not lead to change. Rather, it is the way in which teacher trainees integrate technology that has the potential to bring change in the education process. Teacher trainees have to make continual decisions about how to best utilize these tools in teaching, learning and assessment. Teaching is no longer just about covering the curriculum by dispensing information, knowledge and skills. The objectives of education have become more complicated. In classrooms of the twenty-first century, teachers will need to employ a greater range of teaching approaches according to the needs of the times.

#### **SIGNIFICANCE OF THE STUDY:-**

The recent developments in technology have changed the world outside the classroom. Educators and policymakers believe that information and communication technologies are of supreme importance to the future of education and, in turn, for the country at large. As ICT becoming an integral element for educational reforms and innovations at secondary schools, this situation calls for an enhancement of in-service education of ICT for prospective teachers.

#### **OBJECTIVES:-**

The study has been undertaken with the following specific objectives;-

To know about the innovative teaching-learning process in the B.Ed colleges.

To highlight the problems of innovative teaching-learning process in the study area.

To make some suggestions to enhance quality education so that we can exist in the challenging atmosphere.

#### **HYPOTHESES:-**

To find out the level of techno-pedagogical skills; preparing learning material, implementing instructional strategy, communication, evaluation and guidance in teaching learning process in B.Ed. college.

To find out whether there is any significant difference between B.Ed. college teachers who have used computer and who have not used computer course in their skill in preparing learning material, implementing instructional strategy, communication, evaluation, guidance and techno-pedagogical skills.

**METHOD USED:-**

The method adopted in the present study was survey.

**SAMPLE:-**

The investigator used stratified random sampling technique for selecting the sample. The sample of the study is B.Ed colleges of Aurangabad city. The sample consists of 75 Secondary teacher education students; among them 37 are male students and 38 are female students.

**TOOL:-**

The researcher used self made tool for Techno-pedagogical skill assessment.

**STATISTICAL TECHNIQUES USED:-**

Arithmetic Mean, standard Deviation, 't' test ANOVA and chi-square.

**DATA ANALYSIS:-**

**Table No 1.**  
**Showing difference between B.Ed College teachers using innovative teaching learning processes and, those who are not using innovative teaching learning.**

Dimensions of Techno-pedagogical skills	Who have used innovative		Who have not used innovative		Calculated Value of 't'	Significance/ in significance
	Mean	SD	Mean	SD		
Learning	22.17	5.81	19.09	5.62	2.10	Significant
Preparing lesson plan	17.94	5.33	18.77	4.28	0.64	Insignificant
Preparing learning material	18.96	6.90	17.77	6.03	0.70	Insignificant
Implementing instructional strategy	22.77	5.11	2.77	4.23	0.03	Insignificant
Communication	20.62	5.87	19.14	5.00	1.03	Insignificant
Evaluation	18.52	7.37	15.23	5.07	1.90	Significant
Guidance	24.42	4.99	22.91	5.84	1.13	Insignificant
Techno-Pedagogical Skills	145.4	30.7	135.6	23.67	1.32	Significant

(At 5% level of significance the table Value of "t" is 1.96)

**FINDINGS:-**

"t" test results reveal that there is significant difference between B.Ed. college teachers who have used innovative teaching and who have not used innovative teaching in their techno-pedagogical skills. While comparing the mean, teachers using techno-pedagogical skills (Mean=145.40) are better than those who have not used that skill (Mean=135.68). This may be due to the fact that effectiveness through the use of techno-pedagogical skills in the classroom is more compared to traditional method of teaching. Technology can provide powerful environment in the classroom teaching-learning, it also contribute a lot towards teaching competency.

**HYPOTHESIS TESTING:-**

It is inferred from table-1  
H1- There is no significant difference between B.Ed. college teachers who have used innovative

teaching learning process and those who have not used innovative teaching learning process in preparing lesson plan, learning material, implementing instructional strategy, communication and guidance;

H2- There is a significant difference between B.Ed. college teachers who have used innovative teaching and who have not used innovative teaching skill in learning, evaluation, and techno-pedagogical skills.

#### CONCLUSION:-

- The B.ED colleges have adopted conventional method of teaching and learning process. The teaching is mainly based on university syllabus. The teaching and learning techniques are old and outdated. Theoretical knowledge is still disseminated following the traditional technique of chalk and talk method.
- Traditional evaluation system has been adopted in teaching-learning process. This traditional system stresses on annual examination which is related with the full academic session. No modern continuous and comprehensive evaluation (CCE) techniques are used in evaluating the student's performances up to the optimum level.
- Information technology which is a vital part of modern teaching learning process is found underutilized due to lack of proper human resource and proper initiative of the concerned authorities.
- Lack of strong emotional involvement of the teaching community is considered as major hindrance of the improvement of innovative teaching-learning process.
- Lack of pedagogical knowledge of teaching profession is a hurdle in the process of attaining the goal of higher education.

#### SUGGESTIONS:-

- B.Ed. colleges need a dynamic attitude and team spirit to encourage new ideas and innovation so that we can influence our teaching-learning process and fulfill the demand of the global market.
- India has a strong educational tradition which is widely respected. Our education system blends with trained and efficient teachers. The teaching work requires strong emotional involvement with professional competence. The teacher must motivate the students to learn and to lead worthily in the competition.
- Computer, satellite communication, internet and various electronic media are the real new method of learning. Most of the professional colleges have already installed these new learning methods. We need proper utilization of these innovative practices.
- Our evaluation system should be continuous and comprehensive one. The evaluation system must stress on knowledge aspects. We may convert existing evaluation system into value based evaluation.
- Innovative practice is the way to enhance our quality education. We should nurture and strengthen such practices with proper evaluation so that we can exist in the challenging atmosphere.

#### REFERENCES:-

- Agarwal, J.C.(1998) principles, method & Techniques of Teaching, Vikas Publishing House Pvt. Ltd. New Delhi.
- Chauhan, S.S (2008) innovations in teaching learning process, vikas publishing house Pvt. Ltd, New Delhi.
- Garrett, H.E (1969) Statistics in psychology and education, Bombay, Vakils Feffer and Simsons Pvt. Limited.
- Koehler, M.J. Mishra, P. (2004 April ) content pedagogy and technology testing a model of technology integration. Paper presented at the annual meeting of the American Educational Research Association.
- Sharma, R.A. (2003) Essential of Educational Technology & Management, Surya Publications, Meerut.



##### SHAIKH IMRAN RAMZAN

Is Associate Professor in Marathwada College of Education, Aurangabad, this Institution is Grant-in Aid Institution and was established in 1970. It is a reputed Institute in Central Maharashtra as atleast four students have graces the Merit list of the University every year. Shaikh Imran has worked as Paper setter and Examiner in various capacities for both B.Ed. and M.Ed. level in Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.



##### SHAHEEN PERVEEN

Is Principal in DSR College of Education Aurangabad, she is having teaching experience of 8 years at the B.Ed. level and 2 years at the M.Ed. level. She has authored a book on Educational Evaluation & Statistics in Urdu language to cater the needs of Urdu medium students, as there was no book in Urdu language on this subject. She has worked as Paper setter and Examiner in various capacities for both B.Ed. and M.Ed. level in Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.



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