

## A STUDY ON APPLICABILITY OF VARIOUS TOOLS IN MODERN EDUCATION

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**Abstract**  
The massive advancement of the technology in modern society, leads the way to enhancement of learning environment in all aspects of education including teaching. It has now become high time to take effective steps to enhance the learning experience by making changes in traditional classroom teaching. Incorporation of experimentation in classroom teaching is one of the potential methods to do that. The objectives of the paper is to analyze the teaching tools adopted by the teachers, to identify the modern teaching system, to analyze level of acceptance by the students and to analyze the problem that education is pragmatic approach or not. This is an descriptive research. The information needs to be collected by gathering primary and secondary data. Primary data can be collected through questionnaires with a sample size of fifty respondents from students and teachers, and secondary data through research conducted by previous author and based on journals newspaper and various websites. This will allow the teachers to combine the practical results with the theoretical concepts and provide the students with better learning environment. Along with other elements, like students execute practical skills by doing charts, art book presentations and others activities

**Key words:-** teaching tools, modern teaching system, level of acceptance, pragmatic or not.

**Introduction**  
Academic programs assessment and evaluation is becoming an important process in providing improved education to students through modified curriculum and instruction. That require an academic program to provide an evaluation of program quality and effectiveness as part of a self-study report. Assessment has also become a tool of accountability in education by providing evidence on how effective the teaching. An assessment plan will determine how well students are benefiting from a learning experience offered by a program of study.

### Review of Literature

Joseph Kouneih, Cecile Barbachoux.  
An essential point of the learning and teaching environment today is the need to pioneer a new approaches which go beyond some "standard" theorizations of pedagogy. We know by experiences that the most successful solutions should not only engage the students and the teachers but some aspect of those approaches should build on the transformative potential of a digital age, as well as emerging insights into human behavior and the human brain. We must seek to set a standard for innovation in pedagogy and commit to its advance. In this paper we review some existing approaches to learning and we describe a new scientific pragmatic approach. This approach based on the real daily practice of scientific researchers (in Mathematics and Physics and not just a theoretical recipe) gives a new insights to learning methods and promotes the creative side of learning.

### Graham Badley

This article first identifies and discusses four main causes of the crisis in educational research. These are summarized as false dualism, false primacy, false certainty and false expectations. False dualism is the apartheid that divides positivist and constructivist researchers with positivists believing in an objective reality and constructivists arguing that reality is a social construction. False primacy is the view that the positivist paradigm has come to dominate research to the detriment of more open, pluralistic and critically reflective approaches. False certainty is the argument that in an increasingly complex and uncertain world researchers have retreated to a reactionary position in order to shore up the dominant paradigm.

### Omar M. Khasawneh, Yarmouk University-Irbid

The teachings and writings of John Dewey, an American philosopher and educator, offer insightful influences on contemporary education, not only in the United States but also worldwide. His philosophy of education, commonly referred to as Pragmatism, focused on learning by doing as an alternative to rote knowledge and strict teaching. The purpose of this study is to investigate the extent to which this philosophical thought is implemented in Jordanian public schools according to Jordanian teachers. Both quantitative and qualitative methods were employed in this study. The findings reveal that Jordanian teachers believe Pragmatism is implemented in Jordan to a moderate degree.

### Objectives of the study

To analyze the tools teachers adopt to teach.

To identify the modern teaching system  
To analyze acceptance level by the students

Statement of the problem

The study is to analyze Modern Education system Pragmatic approach or not.

Research methodology

That is to study Modern Education system Pragmatic approach or not. The information needs to be collected by gathering primary and secondary data. Primary data can be collected through questionnaires and secondary data through research conducted by previous author with a sample size of 60 respondents.

Limitations of study

The study is restricted to limited number of people, and that can't be generalized.

Data analysis and interpretation

### Profession

50% of respondents are students and remaining 50% are faculty members. It can be interpreted that half of the data collected from students and remaining from faculty.

Faculty members

100% of the faculty members adopt both traditional and modern method of teaching. It can be interpreted that using both the methods leads to effective teaching.

Tools adopted by faculty members for teaching

40% of faculty members adopt ICT and other modern tools for teaching, remaining 10% of faculty members adopt charts and role play for teaching. It can be interpreted that maximum of the faculty members select ICT and other modern methods for their efficient teaching.

Taking feedback from students are important

100% of faculty members states that taking feedback from students is very important. It can be interpreted that taking feedback will help faculty members to improve their performance according to students will and wish.

Continuous students assessment will improve students' academic performance

90% of faculty members agree that Continuous students assessment will improve students academic performance and remaining 10% disagree. It can be interpreted students assessment will improve academic performance of the students.

### 2. For students

Students perceptions towards usage of modern technology by faculty members

43% of students agree that they have chosen right method of teaching tool, 23% students states tools adopted are just average, 17% of them states that they are very good, 13% of them states that it can be better and remaining 4% states that they are not satisfied with the teaching tools adopted by faculty members. It can be interpreted that students are not completely satisfied with the modern method of teaching by faculty members.

Students opinion towards teachers have chosen right method of teaching

90% of the students agree that faculty members have adopted right method of teaching and remaining 10% of them disagree with it. It can be interpreted that majority of the students agree they have implemented right method of teaching.

### 3. Both faculty and students

Today's education system as practical implications

83% of the students agree that today's education system has practical implications and remaining 17% of the students disagree. In the same way 60% of the faculty members agree today's education system has practical implications and remaining 40% of them disagree with it. It can be interpreted that majority of students and teachers both agree that today's education system has practical implications.

Our education system bridges gap between industrial expectation and education system

83% of the students agree that our education system bridges gap between industrial expectation and education system and remaining 17% of the students disagree. In the same way 60% of the faculty members agree our

education system bridges gap between industrial expectation and education system and remaining 40% of them disagree with it. It can be interpreted that majority of students and teachers both agree that our education system bridges gap between industrial expectation and education system.

#### Findings

It has found that

Adopting both traditional and modern method of teaching will leads to efficiency and maximum of them will adopt ICT and other modern methods for their efficient teaching.

Taking feedback will helps faculty members to improve their performance of the faculty members according to students will and wish.

Continuous student's assessment will improve academic performance of the students.

Students are not completely satisfied with the modern method of teaching adopted by faculty members.

Majority of the students agree that faculty members have implemented right method of teaching.

Majority of students and teachers agree that today's education system has practical implications.

Majority of students and teachers agree that our education system bridges gap between industrial expectation and education system.

#### Suggestions

Faculty members should adopted better modern tools for their teaching.

There is a necessity to bridges gap between industrial expectation and education system.

Today's education system should be practical implication

#### Conclusion

Pragmatic is characteristic of current educational thought and it is representative of progressive trends in education. Progressive education lays emphasis on learning by doing, and involving the students actively in the learning process. Too much restrain will retard the natural growth of students. The students must be given educative freedom to express and develop them. In the knowledge gaining process, observation and experimentation are the basic tools and knowledge is of the nature of a hypothesis. The results are obtained through primary data collection by students and faculty members and after analyzing the data obtained by them it can be concluded that today's education system slowly turning towards pragmatic approach.

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