

## **ON LINE LEARNING: WORTH KNOWLEDGE BASE OR JUST MONEY WASTE**

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### **ABSTRACT**

Now a days, a high fee structure for the regular courses offered by University across globe. Also, there are students who cannot afford full time education as they need to earn for their daily lives and expenses in the University. Online learning is the perfect model for the students who fall in the above categories. In this paper, we would like to share the pros and cons of the regular learning, also these days, online learning is gaining popularity and is pocket friendly for the new generation. Online learning has broken all the barriers among cities and countries as it is very popular. Neither the less professionals can get the benefit of the courses taught in the foreign countries. On the contrary there are some players in the market who are just making money by selling series of certification programs as a product, adding no value to their professional growth.

**Keywords:** Online Learning, Education, Students, Professionals, Significant changes.

### **INTRODUCTION**

The education system in India has changed and has taken various shapes with respect to time. Due to the inclusion of distance education system, the growth in this field has changed the entire environment of learning. In Recent years Distance education has seen rapid changes.

Now days earning while studying in any professional degree course became a new trend in Education sector , this have led in the emergence of Part time or Online education programs which has become major tool for students, obtaining degree online and enhancement of skills simultaneously is becoming a good deal for the various students and helping them in fulfilling their dreams. As time has progress we have seen more an more students have enrol in various on line programs. If we see 10 years back the ratio of students towards online programs was very less as compared to what we have today. Online education has become value for money for students as well as companies. The ratio of female and male student is somewhere around 35%-45%.

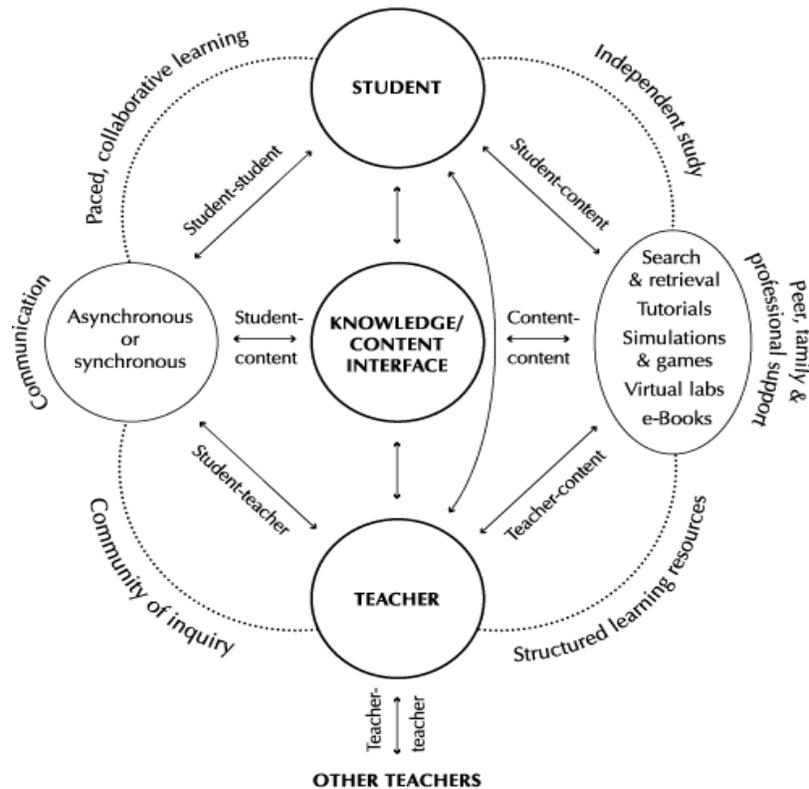
Literatures prove that Coefficient correlation method is widely use in science and technology, it evaluates the relationship between two variables. Change in education system through online in 10 years in United States (Allen, I. E.,Seaman, J. (2013)). A comparative research was done to frame distance education (Russell, T. L. (1999)). A BP Model was use to evaluate subject behavior online subject behavior (Zhang Yan & Zou Lina (2016)). Examining of online college cyber cheating methods and prevention measures James Moten, J. Jr., Fitterer, A., Brazier, E., Leonard, J. & Brown, A. (2013).

In the 2016-2017 academic year, 66% have enrol in various online education program, today the scenario has change people are more ready to go for online education as it save time and money ,scalable and available. Currently, online Education is the most advanced method for distance education. With online Education, the students work in better learning virtual environment where class teachers is been replaced by systems and students can work or study globally. It also helps students in enhancing their technical skills.

In today's world students are ready learn so most of the organizations have upgraded their infrastructure so that they can provide online learning environment to their students. Various Institutions are providing under graduates and post graduate programs through online learning. Short term courses have also tripled with the time as such courses provide good knowledge and services. Services are available 24\*7, just paying nominal fee student can avail services based on interest. Such Online courses make student technically strong and make them learn new technology in new environment. Now a day online learning is has become the backbone of teaching and learning process in basic level education and higher level education, whereas traditional classrooms teaching methodology is face to face interaction. Since last few years we have seen a major changes in online teaching, today it's a major

market for online India's online education system has value around 1.96 billion USD and by 2021, it will be 9.6 million users from 245 million and 1.6 million users in 2016.

### Traditional Teaching Model



The report titled 'Online Education in India: 2021' has revealed the growth of internet users in Indian education industry is twice and thrice more than what it is today because the use of smart phones has contributed more traffic and added more users. The online education system has become multi-billion dollar opportunity in India. EdX: [edx.org](http://edx.org), Academic Earth: [academicearth.org](http://academicearth.org), Internet Archive: [archive.org](http://archive.org), Coursera: [Coursera.org](http://Coursera.org) etc are few famous website providing best online education services in India. Nowadays job market is more skill based than a degree based so the day is not far away when we can say online education will go in vain.

As this is the era of online Computing rapid growth can be seen over the decades in the area of online learning. In 2002 a total of 25% students enrolled in at least one online course. In 2011 33% students took online course. Whereas in from 2012- 2016 this was around 65%. Now days online education is been provided to student from primary level so that they can understand the concept and can use the technology to the best they can to enhance their knowledge and skills. Annual survey data from chief educational officials also show increase in online education enrolment of students over the decades

As online teaching becoming more and more popular and having more impact on students around the globe, from verity to availability and flexibility, Online education took one step ahead then traditional method of teaching, both the approaches has their own importance base on type of skills student want to learn, Online teaching is a extended version of Massive Open Online Courses (MOOCs)

### RESEARCH METHODOLOGY

The batch of 50 students were enrolled and were divide into two sections at a New Delhi institute of Management college of State university Delhi during the fall of 2016-17.

The subject to be taught was same for both the sections but out of two one was online class and other was traditional offline class. The students were on edge and were full of questions in their mind when they entered online class but on the other hand students in offline class were pretty much aware about what is coming their way. Same numbers of students enrol in online and off line classes and same assessment was given to both of the classes. 25 students

enrolled in the online section and same for the offline class. If we talk about online class and offline class, material wise all the necessary requirements was same like presentations and audio files

Opportunities for discussion followed in both the class rooms for delivering session was quite similar, but methodology was different one class was virtual in nature and other class was having teach delivering session. In online class room the opportunities for the students were same in both the classes in traditional (offline) the discussion took place in directly whereas in online it was via machines.

**Student evaluation (SET) data is from New Delhi Institute**

To check the relationship between two variables there parameters were set.

- (1) Course rating
  - (2) Knowledge gained
  - (3) Teaching Methodology of instructor
- Rate between 1-5. 1 - Poor, 5- excellent

**Correlation coefficient**

$$r = \frac{\sum_i (x_i - \bar{x})(y_i - \bar{y})}{\sqrt{\sum_i (x_i - \bar{x})^2} \sqrt{\sum_i (y_i - \bar{y})^2}}$$

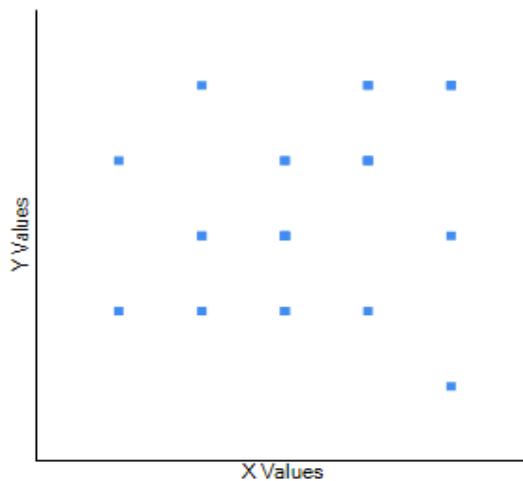
**ANALYSIS**

<b>Table 1: Student Interpretation of Teaching (SET) Scores (Traditional and Online Methodology)</b>		
Student Evaluation test	Traditional Section(N=25)	Online Section(N=25)
Course rating	0.2725	0.2725
Knowledge gained	-0.1567	-0.1567
Teaching Methodology of instructor	0.343.	0.343.

**Course rating**

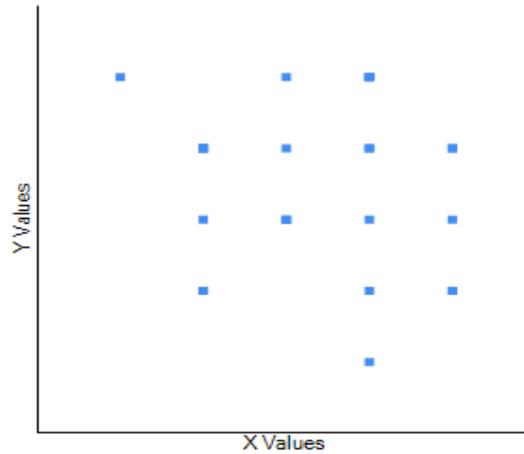
**X= traditional Method Rating**

**Y =on line education Ratings**



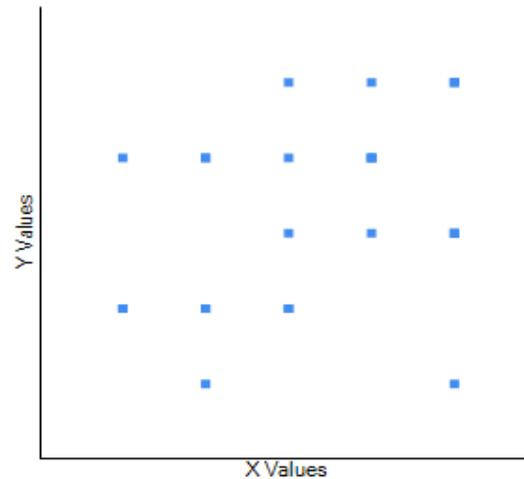
In case of course rating traditional teaching and online teaching has positive correlation so the values are changes in same directions

**Knowledge Gained**  
**X= traditional Method Rating**  
**Y =on line education Ratings**



Coefficient R is -0.1567. In case of knowledge gain in traditional teaching and online teaching has Negative correlation so the values are changes in opposite directions. No or negligible relationship

**Knowledge Gained**  
**X= traditional Method Rating**  
**Y =on line education Ratings**



Coefficient correlation R is: 0.343. In case of teaching Methodology online teaching and traditional has Negative correlation so the values are changes in opposite directions. No or negligible relationship.

## CONCLUSIONS

As the use of internet has increase no of users has also four times have increase, taking to the consideration of online course, health portion of users now day support online learning. The motive behind this paper was to analyse the relationship between the students and traditional approach vs online education. The result of present study states

that there is no huge difference in student Evaluation credits in online and traditional approach. Knowledge wise correlation is negative so there is a difference.

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