



UTKAL
HISTORICAL RESEARCH JOURNAL

CERTIFICATE OF PUBLICATION

This is to certified that the article entitled
**ANALYTICAL STUDY OF E-LEARNING CHALLENGES FACED BY THE TEACHERS &
STUDENTS DURING COVID-19 WITH SPECIAL REFERENCE TO MUMBAI REGION**

Authored By


Dr. Mangesh Vasudeo Panchal

Assistant Professor, Accountancy Department, R.J. College of Arts, Science and Commerce (Autonomous), Opposite
Ghatkopar Railway Station, Ghatkopar (West), Mumbai – 400 086

Published in Vol. 34(II): 2021

Utkal Historical Research Journal with ISSN : 0976-2132
UGC Care Approved, Peer Reviewed and Referred Journal




Dr. **Basanta Kumar Mallik**
Professor & Head
Dept of History, Utkal University



**Certified as
TRUE COPY**

Principal
Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.

ANALYTICAL STUDY OF E-LEARNING CHALLENGES FACED BY THE TEACHERS & STUDENTS DURING COVID-19 WITH SPECIAL REFERENCE TO MUMBAI REGION

Dr. Mangesh Vasudeo Panchal, Assistant Professor, Accountancy Department, R.J. College of Arts, Science and Commerce (Autonomous), Opposite Ghatkopar Railway Station, Ghatkopar (West), Mumbai – 400 086.

ABSTRACT:

The study was conducted to identify e-learning challenges faced the teachers and students during Covid-19 in Mumbai region. The survey involved a sample of 237 students, 39 teachers, 6 parents / guardian and 18 both Teacher and parent (total 395) selected randomly. For the purpose of conducting survey, a structured questionnaire in the Google Form was created and link sent through Whatsapp group and email. The respondents were free to respond the questionnaire through the use of desktop computers, laptops, tablet, smart phones etc. The responses were later analyzed using graph, mean, median, mode and One Sample T Test. Responses from the respondents show that there are significant e-learning challenges faced by the students and teachers.

Keywords: *Covid-19 pandemic, E-Learning Challenges, Students, Teachers, and WhatsApp*

1. INTRODUCTION:

Teaching Learning activities during COVID-19 pandemic has been affected a lot across the world. The COVID-19 pandemic has changed education forever across the world. The COVID-19 has resulted in schools and colleges shut all across the world in order to follow norms of social distancing. COVID-19 pandemic has forced to go for e-classes. Because of schools and colleges shut across the world, millions of students have had to adapt to new types of leaning i.e. e-learning. The e-classes or e-learning helped to continue the teaching learning activities during COVID-19 pandemic. The main challenge in e-learning was internet connection. There are other many challenges were faced by students and teachers such as disturbances at home, no updated cell phone etc.

2. SIGNIFICANCE OF THE STUDY:

The study will help to understand the e-learning challenges faced by teachers and students during covid-19 pandemic.

3. OBJECTIVES OF THE RESEARCH PAPER:-

The objective of the present study is as follows:

- i) To study the e-learning challenges faced by the teachers and students during covid-19 pandemic.

4. HYPOTHESIS OF THE RESEARCH PAPER:

The hypothesis of the present study is as follows:

H0: There are not significant e-learning challenges faced by the teachers and students during covid-19 pandemic.

H1: There are significant e-learning challenges faced by the teachers and students during covid-19 pandemic.

5. RESEARCH METHODOLOGY:

In the present study, the research has used primary as well as secondary method of data collection.

Utkal Historical Research Journal, ISSN : 0976-2132 Vol.-34(II), 2021 □ 73



**Certified as
TRUE COPY**


Principal

Ramniranjan Jhunjhunwala College,
(W), Mumbai-400086.