



## STUDY OF THE CURRENT STATUS OF STUDENTS USE OF MOBILE TECHNOLOGY IN THE COLLEGE OF EDUCATION

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### Introduction -

Global disasters in Corona have adversely affected various sectors. It was a challenge to continue the education process in the field of education while it was locked down everywhere. School and colleges were completely closed. The idea started of how to continue the education system by following all the restrictions imposed by the government. The only option that comes out of this is Online Education. Among them the use of mobile technology for teaching learning process seemed effective. The youth, who were earlier active on social media through mobile now became active in studies using mobile. And using the same mobile these college students started taking steps towards getting the degree they were admitted to.

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### Title of the Research -

“Study of the current status of students' use of mobile technology in the college of Education.”

### Statement of the Research -

To study the current status of mobile technology use of B.Ed first year students in rural and urban areas of Pune district.

### Objectives of the research -

1. To study the current status of mobile technology use of B.Ed first year students in rural areas.
2. To study the current status of mobile technology use in B.Ed first year students in urban areas.
3. A comparative study of use of mobile technology by B.Ed first year students in rural and urban areas.

### Assumptions of the research -

1. B.Ed first year students Use mobile technology for B.Ed first year learning.
2. The use of mobile technology is inevitable in a Coronavirus pandemic situation.

### Scope of the research -

1. This research covers all B.Ed first year students.
2. This research relates to the use of mobile technology by B.Ed first year students in rural and urban areas.
3. This research compares the use of mobile technology by B.Ed first year students in rural and urban areas.

### Limitations of the research -

1. This research is limited to the first year students of 2 education colleges in rural areas and 2 urban areas of Pune district and their use of mobile technology.



- This research is limited to 100 students in rural areas and 100 students in urban areas of B.Ed colleges.
- This research was done only during the Coronavirus pandemic situation, when the college was closed.

**Method of research-**

The survey method has been adopted to study the current status of students' use of mobile technology.

**Sampling -**

In this research 2 colleges of Education in urban areas and 2 colleges in rural areas of Pune district have been selected by non-probability sampling method.

100 students from urban areas and 100 students from rural areas of Pune district were selected by a purposive sampling method.

10 lecturers from rural areas and 10 lecturers from urban areas were selected by a purposive sample method.

**Tools of Data Collection -**

- Questionnaire - Researcher created questionnaires given to 10 lecturers from rural areas and 10 lecturers from urban areas. Also 50 students from rural areas and 50 students from urban areas.
- Interview-10 lecturers from rural areas and 10 from urban areas were interviewed.

**Tools of data analysis -**

- Percentage
- Mean

**Collection and Interpretation of Information -**

**Lecturers Questionnaire**

S.N	QUESTIONS	RESPONSES	RESPONSES OF LECTURERS IN RURAL AREAS	RESPONSES OF LECTURERS IN URBAN AREAS
1	Use of media for teaching	Use of Mobile	90%	70%
		Use of Laptop	10%	30%
2	Effectiveness of media	Mobile	90%	70%
		Laptop	10%	30%
3	Effective Teaching Process	Mobile	80%	60%
		Laptop	20%	40%
4	Learning Outcomes	Mobile	60%	70%
		Laptop	40%	30%
5	Attendance Response		70%	90%
6	Entered Next Year		95%	97%
7	Internal Evaluation	Mobile	90%	70%
		Laptop	10%	30%
8	Use of Mobile Apps	Zoom App	70%	40%
		Google Meet	20%	50%
		Jio Meet	10%	10%
9	Evaluation of Lessons	Mobile	70%	50%
		Laptop	20%	40%
		Other	10%	10%
10	Annual Exam Evaluation	Mobile	90%	70%
		Laptop	10%	30%



## Interpretation

1. During the Corona period 90% of lecturers in rural areas use mobile technology and 10% use laptops to complete the teaching work. In urban areas 70% of lecturers use mobiles and 30% of lecturers use laptops.
2. 90% of the lecturers in rural areas found the use of mobile and 10% use laptop effective. While 70% of the lecturers in urban areas found the use of mobile, 30% use laptop effective.
3. In rural areas 80% of lecturers found mobile and 20% of lecturers found laptop to be an effective medium for effective teaching. In urban areas 60% of lecturers found mobiles and 40% of lecturers found laptops to be an effective medium for effective teaching.
4. In rural areas 60% of professors think that mobile technology and 40% of lecturers think that laptops technology have helped to achieve the expected learning outcomes. In urban areas 70% of lecturers find mobile technology and 30% of lecturers find laptop technology suitable for achieving expected learning outcomes.
5. It was found that 70% of students from rural areas and 90% of students from urban areas were presented in the entire teaching learning process.
6. 95% of students in rural areas and 97% of students in urban areas passed B.Ed in the first year and got admission in B.Ed in the second year.
7. 90% of lecturers in rural areas found mobiles and 10% of lecturers found laptops suitable for internal assessment. While 70% of lecturers in urban areas found mobiles and 30% of lecturers found laptops are more suitable for internal assessment.
8. In rural areas 70% of lecturers use Zoom app, 20% of lecturers use Google app and 10% of lecturers use jio app for their daily teaching. While In urban areas 40% of lecturers use Zoom app, 50% of lecturers use Google app and 10% of lecturers use jio app for their daily teaching.
9. To Evaluate Micro teaching lessons, Innovative lessons, Practice lessons and Internship, In rural areas 70% of lecturers use mobiles, 20% laptops and 10% of use other Technology And in urban areas 50% of lecturers use mobile, 40% laptop and 10% other Technology.
10. In rural areas 90% of 1st year students use mobile and 10% laptops And in urban areas 60% of students use mobile and 40% laptops for their first year annual exams.

## Collection and Interpretation of Information

### Students Questionnaire



S.N	QUESTIONS	RESPONSES	RESPONSES OF STUDENTS IN RURAL AREAS	RESPONSES OF STUDENTS IN RURAL AREAS
1.	Use of media for learning	Use of mobile	96%	92%
		Use of laptop	4%	8%
2.	Effectiveness	Mobile	96%	92%
		Laptop	4%	8%
3.	Effective learning process	Mobile	90%	90%
		Laptop	10%	10%
4.	Difficulties	Network issue	66%	46%
		Lack of Android mobiles	14%	12%
		Availability of time	8%	28%
		Problems in Mobile handling	8%	8%
		Others	4%	6%
5.	Learning outcomes	Mobile	80%	70%
		Laptop	20%	30%
6.	Attendance response		72%	91%
7.	Internal evaluation	Mobile	90%	76%
		Laptop	10%	24%
8.	Use of mobile Apps	Zoom App	70%	40%
		Google Meet	20%	50%
		Jio Meet	10%	10%
9.	Internal Exams	Mobile	86%	74%
		Laptop	14%	26%
10.	Annual Exams	Mobile	93%	78%
		Laptop	7%	22%

**Interpretation**

1. During the corona period 96% of students in rural areas use mobiles and 4% of students use laptops to complete the study process during the lockdown while 92% students in urban areas use mobile and 8% of students use laptops.
2. In rural areas 96% of students found mobiles and 4% of students found laptops to be effective in technology while 92% of students in urban areas found mobiles and 8% of students found laptops effective.
3. To make the teaching learning process effective, 90% of students in rural areas found mobiles and 10% of students found laptops effective, while 90% of students in urban areas found mobiles and 10% of students found laptops effective.
4. In rural areas 60% of students have network problems,14% of students lack android phones,8% of students have the problem of time availability, 8% of students have problems with mobile handling and 4% students having other problems while using mobile technology. But in urban areas 46% of students



experience network problem, 12% students lack Android mobiles, 28% students had time availability, 8% of students experienced the problem of mobile handling and 6% students experienced other problems while using mobile technology.

5. 80% of students in rural areas felt that their learning was achieved through mobile technology, 20% students through laptops and 70% of students in urban areas through mobiles and 30% students through laptops.

6. In rural areas 76% students and in urban areas 91% students were found to be present in the teaching learning process.

7. 90% of students in rural areas found mobiles and laptops 10% students and 76% students in urban areas mobile and 24% students found laptops suitable for internal evaluation.

8. 70% of students in rural areas use the Zoom app, 20% of students use Google Meet and 10% of students use Jio Meet to complete their learning process. And 40% of students in urban areas use Zoom app, 50% students Google Meet and 10% students Jio Meet to complete their learning process.

9. In rural areas 86% students took the internal exam via mobile and 14% students through laptops while 74% of students in urban areas gave the internal exam through mobiles and 26% through laptops.

10. 90% of students in rural areas took the annual exam through mobile, 10% through laptop. 78% of students in urban areas use mobile and 22% through laptops.

### Conclusion-

1. Mobile Technology has been used extensively by lecturers and students in rural and urban areas to effectively complete the teaching learning process when there is a complete lockdown during the corona period.
2. Network issue is one of the biggest challenges students face when using mobile technology.
3. The attendance rate of students in urban areas is higher than that of students in rural areas.
4. Laptops were found to be used more by lecturers and students in urban areas as compared to lecturers and students in rural areas.
5. Practical work, internal examination, Annual examination for all this, students from rural and urban areas used mobile technology the most.

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