



"Education for Knowledge, Science, and Culture"
- Shikshanmaharshi Dr. Bapuji Salunkhe
Shri Swami Vivekanand Shikshan Sanstha's
Vivekanand College, Kolhapur
(Autonomous)



Department of Statistics
Projects in academic year 2021-22

Sr. No.	Title of the project	No. of students	Project Guide
1	Statistical Study of Impact of Online Teaching on Graduate Students	4	Mr. Bhosale A. B.
2	Impact of Government Scheme in Rural Area	5	Mr. Pawar A. A.
3	Effect of Increased Screen Time in Undergraduate Students During Lockdown	3	Ms. Pawar V. V.
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VIVEKANAND COLLEGE, KOLHAPUR (Autonomous)

DEPARTMENT OF STATISTICS

A PROJECT REPORT

on

**“STATISTICAL STUDY OF IMPACT OF ONLINE TEACHING ON
GRADUATE STUDENTS”**

Submitted by

Mr. Kedar S. Kumthekar

Mr. Santosh A. Gurav

Mr. Uditanshu S. Prabhavale

Mr. Siddesh R. Lohar

Mr. Yogiraj R. Killedar

in partial fulfillment for the award of

the degree of

BACHELOR OF SCIENCE

in

STATISTICS

2021-22

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DEPARTMENT OF STATISTICS

Certificate

This is to Certify that,

Sr. No.	Name	Roll No.
1	Mr. Kedar S. Kumthekar	7919
2	Mr. Santosh A. Gurav	7906
3	Mr. Uditanshu S. Prabhavale	7928
4	Mr. Siddesh R. Lohar	7920
5	Mr. Yogiraj R. Killedar	7916

Have satisfactorily completed the project work on “STATISTICAL STUDY OF IMPACT OF ONLINE TEACHING ON GRADUATE STUDENTS” as a part of the skill enhancement course for B.Sc. III, prescribed by the Department of Statistics, *Vivekanand College, Kolhapur (Autonomous)*, in the academic year 2021-22.

This project has been completed under our guidance and supervision. To the best of our knowledge and belief, the matter presented in this project report is original and has not been submitted elsewhere for any other purpose.


Project Guide

(Mr. A. B. Bhosale)


Examiner


Head

(Ms. Pawar V. V.)
HEAD
DEPARTMENT OF STATISTICS
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)

AIM & OBJECTIVES

AIM:

Analysis of Impact of online teaching on graduation students by Statistical Method.

OBJECTIVES:

- ▶ To study which method is suitable for student's Online V/s Offline.
- ▶ To check the dependency of starting online education in urban and rural area, before and after pandemic situation
- ▶ To check whether there is any network problem faced by students in urban and rural area.

CONCLUSION

1. Students prefer offline learning as compared to online learning.
2. There is significant difference between urban and rural area for online study before and after pandemic situations.
3. Students in rural area mostly face network problems than students in urban area.
4. Students have bought new accessories for online learning.

Therefore, we conclude that offline learning is better than online learning

IMPACT OF ONLINE LEARNING

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DEPARTMENT OF STATISTICS

A PROJECT REPORT

on

“IMPACT OF GOVERNMENT SCHEME IN RURAL AREA”

Submitted by

**Ms. Rutuja S. Dhere
Ms. Supriya N. Mane
Ms. Sakshi S. Warake
Ms. Shweta R. Mudrale
Ms. Lalita R. Koli**

in partial fulfillment for the award of

the degree of

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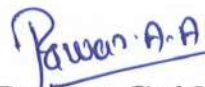
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Sr. No.	Name	Roll No.
1	Ms. Rutuja S. Dhere	7904
2	Ms. Supriya N. Mane	7921
3	Ms. Sakshi S. Warake	7933
4	Ms. Shweta R. Mudrale	7924
5	Ms. Lalita R. Koli	7918

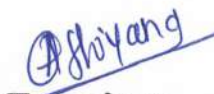
Have satisfactorily completed the project work on “**IMPACT OF GOVERNMENT SCHEME IN RURAL AREA**” as a part of the skill enhancement course for B.Sc. III, prescribed by the Department of Statistics, *Vivekanand College, Kolhapur (Autonomous)*, in the academic year **2021-22**.

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Project Guide

(Mr. Pawar A. A.)



Examiner



Head

(Ms. Pawar V. V.)
HEAD
DEPARTMENT OF STATISTICS
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)

OBJECTIVES

- ❖ To create public awareness about government scheme.
- ❖ To study effect of government scheme on year.
- ❖ To study impact of using toilet on health.
- ❖ To study of government scheme (Swacch Bharat Mission – Garmin) on rural area.
- ❖ To study government issued stamp on government scheme.
- ❖ To study year wise utilization of Government Scheme.

CONCLUSIONS

- The increase in no. of toilet decrease in disease & infection.
- Due to irregular variation effect of government scheme (SWACHH BHARAT MISSION- GRAMIN) slowly decreases & highly decreases in Nagaon & Atigre respectively, otherwise constant.
- As comparing graph, Atigre village more facilitated by government scheme (SWACHH BHARAT MISSION- GRAMIN).
- There is significant difference between proportions of toilets build by government scheme in both villages.
- In Nagaon, There is significant difference between toilet build & ration card.
- In Atigre, There is no significant difference between toilet build & ration card.
- There is significant difference between year & utilization of government scheme.
- After starting SWACHH BHARAT ABHIYAN no. of toilet users are increased.

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DEPARTMENT OF STATISTICS

A PROJECT REPORT

on

**“EFFECT OF INCREASED SCREEN TIME IN
UNDERGRADUATE STUDENTS DURING LOCKDOWN”**

Submitted by

Mr. Siddhesh Jitakar

Mr. Kishor Khot

Mr. Siraj shidvankar

in partial fulfillment for the award of

the degree of

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Sr. No.	Name	Roll No.
1	Mr. Siddhesh Jitakar	7912
2	Mr. Kishor Khot	7915
3	Mr. Siraj shidvankar	7930

Have satisfactorily completed the project work on “EFFECT OF INCREASED SCREEN TIME IN UNDERGRADUATE STUDENTS DURING LOCKDOWN” as a part of the skill enhancement course for B.Sc. III, prescribed by the Department of Statistics, *Vivekanand College, Kolhapur (Autonomous)*, in the academic year 2021-22.

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Project Guide

(Ms. Pawar V. V.)


Examiner


Head

(Ms. Pawar V. V.)

HEAD
DEPARTMENT OF STATISTICS
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)

OBJECTIVIES

- **To analyse the screen time increased or not during lockdown.**
- **To study effect of screening time on mental health**
- **To analyse effect of lockdown on screening time and sleeping time**

➤ **CONCLUSIONS:**

- **There is effect on sleeping time and wake up time during lockdown.**
- **We conclude that overall 81% increment in using screen devices during lockdown.**
- **Use of screen devices for college work during lockdown is increased as compared to before lockdown.**
- **In a during lockdown most of the students using screen devices too much as compared to before lockdown.**
- **Students sometimes lost a track of time in during lockdown.**

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DEPARTMENT OF STATISTICS

A PROJECT REPORT

on

**“A STUDY OF FUTURE OF ELECTRIC VEHICLES BY THE
STUDENTS OF VIVEKANAND COLLEGE, KOLHAPUR”**

Submitted by

**Mr. Sammed M. Barwade
Mr. Amey B. Jagadale
Mr. Vedant C. Kamble
Mr. Swapnil V. Deshmukh
Mr. Shivam N. Jawale
Mr. Pranav A. More**

in partial fulfillment for the award of

the degree of

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Sr. No.	Name	Roll No.
1	Mr. Sammed M. Barwade	7902
2	Mr. Amey B. Jagadale	7909
3	Mr. Vedant C. Kamble	7914
4	Mr. Swapnil V. Deshmukh	7903
5	Mr. Shivam N. Jawale	7910
6	Mr. Pranav A. More	7923

Have satisfactorily completed the project work on “A STUDY OF FUTURE OF ELECTRIC VEHICLES BY THE STUDENTS OF VIVEKANAND COLLEGE, KOLHAPUR” as a part of the skill enhancement course for B.Sc. III, prescribed by the Department of Statistics, *Vivekanand College, Kolhapur (Autonomous)*, in the academic year 2021-22.

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Project Guide

(Ms. Makandar A. M.)

Examiner

Head

(Ms. Pawar V. V.)

HEAD
DEPARTMENT OF STATISTICS
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)

OBJECTIVES

To study FUTURE OF ELECTRIC VEHICLES (EVs) by students in VIVEKANAND COLLEGE, Kolhapur according to following factors:

- 1.To study the benefits of owning an electric vehicle.
- 2.To study the drawbacks of electric vehicle
3. To study the future market of electric vehicle
- 4.To study the willingness of buyers for considering electric vehicles.
- 5.To study the proportionality of electric vehicles.
- 6.To study the government initiatives taken for promoting electric vehicles
- 7.To study the willingness of consumers based on their gender and level of education.

Conclusion

- The perception of people towards EVs is satisfactory as major section of our society is aware of EVs.
- The Government incentives taken for the promotion of EVs are still unsatisfactory for the consumers.
- The current EVs don't meet the consumer's expectation, so a change in consumer's behavior is important.
- Marketing of such products will really play an important role as a stepping foot towards Greener Environment.
- Finally, the future of electric vehicles is **GREEN**. In near future.

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VIVEKANAND COLLEGE, KOLHAPUR (Autonomous)

DEPARTMENT OF STATISTICS

A PROJECT REPORT
on
“ANALYSIS OF DIABETIC PATIENTS BY STATISTICAL
METHOD”

Submitted by

Ms. Khushi D. Ramchandani
Ms. Mrunali R. Powar
Ms. Pooja D. Gurav
Ms. Akanksha C. Jadhav
Ms. Sejal S. Shinde
Ms. Sakshi S. Solase

in partial fulfillment for the award of

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Sr. No.	Name	Roll No.
1	Ms. Khushi D. Ramchandani	7929
2	Ms. Mrunali R. powar	7927
3	Ms. Pooja D. Gurav	7905
4	Ms. Akanksha C. Jadhav	7907
5	Ms. Sejal S. Shinde	7931
6	Ms. Sakshi S. Solase	7932

Have satisfactorily carried out the project work on “ANALYSIS OF DIABETIC PATIENTS BY STATISTICAL METHOD” as a part of the skill enhancement course for B.Sc. III, prescribed by the Department of Statistics, *Vivekanand College, Kolhapur (Autonomous)*, in the academic year 2021-22.

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Project Guide

(Ms. Patil P.C.)

Examiner

Head

(Ms. Pawar V. V.)
HEAD
DEPARTMENT OF STATISTICS
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)

AIM & OBJECTIVES

AIM:

Analysis of Diabetic Patients By Statistical Method.

OBJECTIVES:

1)To determine how much percent of diabetes is caused due to inheritance.

2)To study which age group is most affected due to diabetes.

3)To study whether diabetes is responsible for the cause of any other medical condition.

4)To analyze which type of medication is more preferable by patients.

CONCLUSION

- ⊕ Diabetes can be caused due to inheritance.
- ⊕ There is significant difference due to regular exercise on male and female diabetic patients
- ⊕ In this population of diabetic patients , there is a relation between type of medication and area of patient
- ⊕ The most used medication in both city and village I ALOPATHY
- ⊕ There is relation between diabetes and other diseases i.e., Diabetes can lead to problems like blood pressure, heart problem, cholesterol, etc.
- ⊕ 40 – 65 is the age interval for maximum chance for occurrence of diabetes.
- ⊕ People can face eyesight problems due to diabetes.

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DEPARTMENT OF STATISTICS

A PROJECT REPORT

on

“ANALYSIS OF CUSTOMER BEHAVIOUR TOWARDS ONLINE SHOPPING”

Submitted by

Ms. Ashwini M. Kamble

in partial fulfillment for the award of

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DEPARTMENT OF STATISTICS**

Certificate

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Sr. No.	Name	Roll No.
1	Ms. Ashwini M. Kamble	7913

Have satisfactorily carried out the project work on “ANALYSIS OF CUSTOMER BEHAVIOUR TOWARDS ONLINE SHOPPING” as a part of the skill enhancement course for B.Sc. III, prescribed by the Department of Statistics, *Vivekanand College, Kolhapur (Autonomous)*, in the academic year 2021-22.

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Project Guide

(Ms. Pawar A. A.)

Examiner

Head

(Ms. Pawar V. V.)

HEAD

**DEPARTMENT OF STATISTICS
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)**

AIM & OBJECTIVES

AIM: To Study the customers preference towards online shopping(during pandemic).

OBJECTIVES:

- To study the customers preference mode of shopping.
- To study the online applications or websites highly preferred for shopping by customers.
- To study occupation against mode of shopping.
- To study the customers increase in online shopping after pandemic.
- To study the dependency on area and mode of shopping.

CONCLUSION

- We conclude that most of the customers prefer both i.e. online and offline mode of shopping.
- We conclude that most of the customers highly prefer amazon application for shopping.
- We conclude that most of the occupations prefer Both i.e. online and offline mode of shopping.
- We conclude that the proportion of male & female for online shopping is significant.
- There is dependency between Area and Preference for Mode of Shopping.

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DEPARTMENT OF STATISTICS

A PROJECT REPORT

on

**“STATISTICAL ANALYSIS ON THE DIGITAL PAYMENT IN
KOLHAPUR CITY ”**

Submitted by

**Ms. Shraddha Dinkar Jadhav
Ms. Pranali Ravikant Kolekar
Ms. Jisna Anoop Mathew
Ms. Akanksha Nilesh Mugdar
Ms. Rutuja Anant Patil**

in partial fulfillment for the award of

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Sr. No.	Name	Roll No.
1	Shraddha Dinkar Jadhav	7908
2	Pranali Ravikant Kolekar	7917
3	Jisna Anoop Mathew	7922
4	Akanksha Nilesh Mugdar	7925
5	Rutuja Anant Patil	7926

Have satisfactorily carried out the project work on “STATISTICAL ANALYSIS ON THE DIGITAL PAYMENT IN KOLHAPUR CITY” as a part of the skill enhancement course for B.Sc. III, prescribed by the Department of Statistics, *Vivekanand College, Kolhapur (Autonomous)*, in the academic year 2021-22.

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Project Guide

(Ms. Lohar M.B.)


Examiner


Head

(Ms. Pawar V. V.)
HEAD
DEPARTMENT OF STATISTICS
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)

AIM AND OBJECTIVES

AIM :

TO STUDY THE USE OF DIGITAL PAYMENT IN KOLHAPUR CITY

OBJECTIVES:

- 1) To check the relation between age, gender, education and occupation with the usage and modes used in digital payment.**
- 2) To check the relation between age, gender, education and occupation with the problems faced in offline payment.**
- 3) To check whether population proportion of female and male digital payment users is the same.**
- 4) To determine the major reason of people for not shifting to digital payment modes.**
- 5) To determine the most preferred UPI payment app.**
- 6) To determine the major problem faced in UPI payment.**
- 7) To compare in which mode of payment is money lost frequently.**

CONCLUSIONS

- 1. The usage of digital payment modes is independent on the age, gender, education while occupation of the individual is dependent.**
- 2. The different problems faced in offline payment modes is dependent on the age, gender, education while independent on the occupation of the individual.**
- 3. The use of digital payment is more in male than in female.**
- 4. The major reason for people not switching to online payment is the ease of personal transactions and concern of security.**
- 5. Google pay is the most commonly used UPI payment app followed by Amazon Pay.**
- 6. The major issue faced in UPI payment is bank server down along with mobile network issue.**
- 7. More money is lost in cash or wallet than digital fraud where males are more frequent in losing money than female.**

Thus, we can see that the use of digital payment is common and more frequent in Kolhapur city.