Department of Statistics

Projects in academic year 2019-20

Sr. No.	Title of the project	No. of students	Project Guide
1	A Statistical Analysis Based on Use of Social Media	5	Mr. Bhosale A. B..
2	Severity of the Menstrual Faced by Women	5	Ms. Barale M. S.
3	Statistical Analysis of Road Accidents in Kolhapur Region	5	Ms. Makandar A. M.
4	Statistical Health Analysis in Unchgaon People	5	Ms. M. B. Lohar

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VIVEKANAND COLLEGE, KOLHAPUR (Autonomous)

DEPARTMENT OF STATISTICS

A PROJECT REPORT
on
"A STATISTICAL ANALYSIS BASED ON USE OF SOCIAL MEDIA"
Submitted by

Mr. Dharmadhikari Adhiraj Anil
Ms. Gavade Arati Sanjay
Ms. Chandane Sakshi Nishikant
Ms. Kambale Sanmargi Ananda
Ms. Giridhar Snehalata Ganesh

in partial fulfillment for the award of

the degree of

BACHELOR OF SCIENCE

in

STATISTICS

2019-20

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(स्वायत्त) कोल्हापूर

VIVEKANAND COLLEGE, KOLHAPUR(Autonomous)
DEAPRTMENT OF STATISTICS

Certificate

This is to Certify that,

Sr. No.	Name	Roll No.
1	Mr. Dharmadhikari Adhiraj Anil	8203
2	Ms. Gavade Arati Sanjay	8218
3	Ms. Chandane Sakshi Nishikant	8211
4	Ms. Kambale Sanmargi Ananda	8236
5	Ms. Giridhar Snehalata Ganesh	8239

Have satisfactorily completed the project work on **"A Statistical Analysis Based on Use of Social Media"** as prescribed by *Vivekanand College, Kolhapur* in partial fulfilment for **B. Sc. III** skill enhancement course in **STATISTICS**, in the academic year **2019-20**.

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. Bhosale A. B.)

Examiner

Head

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

OBJECTIVE

1. To examine the types of social media platforms used by students.
2. To find out the amount of time students spent on social media.
3. To investigate the purposes for which students use social media.
4. To examine the perceived effect of social media use on student's social life.
5. To examine the effect of social media on student's academic performance.
6. To examine the student's satisfaction towards social media.

CONCLUSION

1. Most of the students refer WhatsApp.

2. For so many purposes social media is used by students in which mostly it is used not only for getting new information but also to be in touch with their family.

3. The maximum students prefer to start using social media in their college days that is after 10th.

4. As compared to female, male started using social media very early i.e. from 5th standard

5. Students who use smart phone/social media for more than 4 hours has maximum health problems such as headache, neck pain, vision problem, laziness, stress, etc.

6. Most of the students feels that their academic performance not suffers due social media usage.

7. As compared to female, proportion of male using smartphone is different

8. Satisfaction of male is independent of satisfaction of female.

9. No. of students who faces fraud is less than no. Of students who does not face fraud on social media.

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VIVEKANAND COLLEGE, KOLHAPUR (Autonomous)

DEPARTMENT OF STATISTICS

A PROJECT REPORT
on
"Severity of the Menstrual Faced by Women"
Submitted by

Ms. Rane Prachi Sunil
Ms. Jadhav Asmita Appaso
Ms. Patil Nisha Ravindra
Ms. Umranikar Supriya Appasaheb
Ms. Kumbhar Gouri Eknath

in partial fulfillment for the award of

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Sr. No.	Name	Roll No.
1	Ms. Rane Prachi Sunil	8202
2	Ms. Jadhav Asmita Appaso	8205
3	Ms. Patil Nisha Ravindra	8207
4	Ms. Umranikar Supriya Appasaheb	8212
5	Ms. Kumbhar Gouri Eknath	8220

Have satisfactorily completed the project work on **"Severity of the Menstrual Faced by Women"** as prescribed by *Vivekanand College, Kolhapur* in partial fulfilment for **B. Sc. III** skill enhancement course in **STATISTICS**, in the academic year **2019-20**.

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. Barale M. S.)

Examiner

Head

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

OBJECTIVES

1. To identify different physiological and psychological symptoms during menstrual cycle.

2. To study whether the different factors viz. age, area, education, occupation, marital status affect the symptoms during menstrual cycle or not.

3. To study whether, there is change in symptoms due to generation gap or not.

Conclusions

1. Age of women have a significant relationship ($P<0.05$) with Days between two successive period, Period of menses, Bleeding, Stomach Pain, Pain in legs, Pain in joints, Fatigue, Nausea (Vomiting), Indigestion.

2. Whereas age has no significant effect on other menstrual problems like irregular periods, pain in arms, hip pain, chest pain, days of severe pain, head ache, dizziness, constipation, increased appetite, fainting, anxiety, confusion, depression, forgetfulness, difficulty in concentrating, irritability, mood swing and anger.

3. Irregular periods, period of menses, bleeding, pain in legs, pain in joints differs significantly with the marriage ($P<0.05$).

4. Women living in Allithurai area have shown significantly higher irregular periods, stomach pain, pain in arms, legs and joints. Head ache, nausea and vomiting, constipation, increased appetite, indigestion, confusion and depression. Whereas other symptoms are not significant. In the Allithurai area there is a large Modern rice mill affecting the quality of women living in that area.

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VIVEKANAND COLLEGE, KOLHAPUR (Autonomous)

DEPARTMENT OF STATISTICS

A PROJECT REPORT
on
"Statistical Analysis of Road Accidents in Kolhapur Region"
Submitted by

Mr. Suraj Shahji Patil
Mr. Somesh S Swami Hiremath
Mr. Rohit Shashikant Shinde
Mr. Shreyash Anna Patil
Mr. Makrand Mahesh Zure

in partial fulfillment for the award of

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VIVEKANAND COLLEGE, KOLHAPUR(Autonomous)
DEAPRTMENT OF STATISTICS

Certificate

This is to Certify that,

Sr. No.	Name	Roll No.
1	Mr. Suraj Shahji Patil	8228
2	Mr. Somesh S Swami Hiremath	8223
3	Mr. Rohit Shashikant Shinde	8226
4	Mr. Shreyash Anna Patil	8236
5	Mr. Makrand Mahesh Zure	8238

Have satisfactorily completed the project work on **"Statistical Analysis of Road Accidents in Kolhapur Region"** as prescribed by *Vivekanand College, Kolhapur* in partial fulfilment for **B. Sc. III** skill enhancement course in **STATISTICS**, in the academic year **2019-20**.

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Project Guide

Examiner

Head

(Ms. Makandar A. M.)

(Ms. Pawar V. V.)

HEAD
DEPARTMENT OF STATISTICS
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)

AIM & OBJECTIVES

AIM:

Statistical analysis of road accidents in Kolhapur region

OBJECTIVES:
- Identify causes of road accidents and compare the fatalities.
- Investigate seasonal pattern of occurrence of road accidents.
- Check whether there is trend in road accidents.
- To check whether the road accidents are uniformly distributed over the year.
- To check whether all the causes are equally responsible for accidents
- To check whether the road accidents are uniformly distributed over the day.

CONCLUSION

➢ Road accidents are not uniformly distributed over a day.
➢ Road accidents are uniformly distributed for years 2017 and 2018
➢ Natural calamities like floods make a difference to Road accidents. (Road accidents are not uniformly distributed for year 2019.)
➢ The variation in population of number of accidents according to vehicle type are same.
➢ gender of a person and age do not have any dependency with road accidents.
➢ Types of vehicles also do not have any dependency with road accidents. (Type of vehicle wise road accidents are independent of road accidents.)

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VIVEKANAND COLLEGE, KOLHAPUR (Autonomous)

DEPARTMENT OF STATISTICS

A PROJECT REPORT
on
"Statistical Health Analysis in Unchgaon People"
Submitted by

Ms. Shinde Nishigandha Ramnath
Ms. Pawar Shubhangi Balu
Ms. Patil Shubhangi Bhagawan
Ms. Chougule Nita Malappa
Ms. Halunde Shivani Shivaji

in partial fulfillment for the award of

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DEAPRTMENT OF STATISTICS

Certificate

This is to Certify that,

Sr. No.	Name	Roll No.
1	Ms. Shinde Nishigandha Ramnath	8208
2	Ms. Pawar Shubhangi Balu	8221
3	Ms. Patil Shubhangi Bhagawan	8232
4	Ms. Chougule Nita Malappa	8233
5	Ms. Halunde Shivani Shivaji	8240

Have satisfactorily completed the project work on **"Statistical Health Analysis in Unchgaon People"** as prescribed by *Vivekanand College, Kolhapur* in partial fulfilment for **B. Sc. III** skill enhancement course in **STATISTICS**, in the academic year **2019-20**.

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Project Guide

(Ms. M. B. Lohar)

Examiner

Head

(Ms. Pawar V. V.)

HEAD
DEPARTMENT OF STATISTICS
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)

OBJECTIVE

- ➢ To check the effect of health problems on gender.

- ➢ To check the effect of types of medicine on gender.

- ➢ To check the dependency of health insurance on education.

- ➢ To check the health problems are equally proported in male/ female.

- ➢ To check the impact of occupation on their health problems.

- ➢ To check fitness of people (gender wise)

CONCLUSION

➢ By using pie -chart we observed that most of peoples are suffered by Back pain , B.P. and Sugar.

➢ By using BMI Chart we can said that both male and female are healthy but some of they are towards obesity.

➢ By using bar-diagram we can said that
   1) Most of peoples in Unchgaon prefers to walking.
   2) Most of peoples prefers to allopathic type of medicine.

➢ By using proportion test we conclude that proportion of male and female are equal .

➢ By using chi-square test of independence we conclude that
   1) Health problems are not depends on gender.
   2) Health insurance is not depends on education both male and female.
   3) Health problem and occupation are depends on each other.