

ST. THOMAS COLLEGE PALAI

ARUNAPURAM-686574, KERALA

Phone: 04822-212317, Fax: 91-4822-216313

Website: www.stcp.ac.in



Dr.K.M.Kurian

Associate Professor

CERTIFICATE

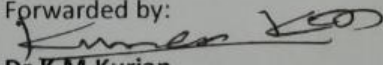
I hereby certify that this project is a bonafide record of work done by **Miss.ABHIRAMI M**, under my supervision in partial fulfillment of the requirements for the Degree of Master of Science in Statistics of Mahatma Gandhi University, Kottayam and that no part of this work has been submitted earlier for the award of any Degree.

Dr.K.M.Kurian

Department of Statistics

St Thomas College, Palai

Forwarded by:

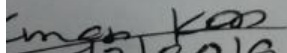

Dr.K.M.Kurian

Head of the Department of Statistics

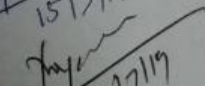
St. Thomas College, Palai

Pala

30.06.2019


15/7/2019

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15/7/19


15/7/19

A STUDY ON THE DATA OF CONCRETE SLUMP TEST

PROJECT REPORT SUBMITTED TO THE
MAHATMA GANDHI UNIVERSITY, KOTTAYAM
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR
THE DEGREE OF
MSc STATISTICS

Submitted by

ABHIRAMI M

Reg. No: 170011003705



DEPARTMENT OF STATISTICS

ST. THOMAS COLLEGE, PALAI

KERALA

JUNE 2019

Department of Statistics

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Dr. K.M. Kurian

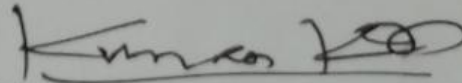
Head of the Department of Statistics

CERTIFICATE

I hereby certify that this project is a bonafide record of work done by **Miss.AIMY JOSE**, under my supervision in partial fulfillment of the requirements for the Degree of Master of Science in Statistics of Mahatma Gandhi University, Kottayam and that no part of this work has been submitted earlier for the award of any Degree.

Dr. K.M. Kurian

Forwarded by:



Dr.K.M. Kurian

Pala
30.06.2019

Head of the Department of Statistics
St. Thomas College, Palai

**A STUDY ON
HUMAN DEVELOPMENT INDEX DATA**

PROJECT REPORT SUBMITTED TO THE
MAHATMA GANDHI UNIVERSITY, KOTTAYAM
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR
THE DEGREE OF
MSc STATISTICS

Submitted by

AIMY JOSE

Reg. No: 170011003706



DEPARTMENT OF STATISTICS
ST. THOMAS COLLEGE, PALAI
KERALA
JUNE 2019

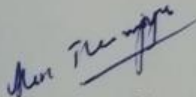
Department of Statistics
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Dr. Alex Thannippara
Associate Professor

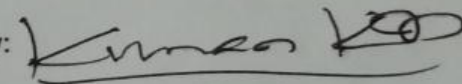
CERTIFICATE

I hereby certify that this project is a bonafide record of work done by **Miss. ALPHY SUNNY**, under my supervision in partial fulfillment of the requirements for the Degree of Master of Science in Statistics of Mahatma Gandhi University, Kottayam and that no part of this work has been submitted earlier for the award of any Degree.


Dr. Alex Thannippara

Department of Statistics
St Thomas College, Palai

Forwarded by:



Dr.K.M.Kurian

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30.06.2019

Head of the Department of Statistics
St. Thomas College, Palai

**A STUDY ON
PERCENTAGE OF BODY FAT DATA**

**PROJECT REPORT SUBMITTED TO THE
MAHATMA GANDHI UNIVERSITY, KOTTAYAM
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR
THE DEGREE OF
MSc STATISTICS**

Submitted by

ALPHY SUNNY

Reg. No: 170011003707



**DEPARTMENT OF STATISTICS
ST. THOMAS COLLEGE, PALAI**

KERALA

JUNE 2019

Department of Statistics

ST. THOMAS COLLEGE PALAI

ARUNAPURAM 686574, KERALA

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Dr. Sebastian George

Associate professor

CERTIFICATE

I hereby certify that this project is a Bonifide record of work done by Miss. ASHLY MATHEW, under my supervision in partial fulfilment of the requirements for the Degree of Master of Science in Statistics of Mahatma Gandhi University, Kottayam and that no part of this work has been submitted earlier for the award of any Degree.

Dr. Sebastian George

Department of Statistics

St. Thomas College, Pala

Kurian KCO
5/7/2019

n. s. s.
15/7/19
Kurian
5/7/19

Forwarded by:

Kurian KCO
Dr. K.M. Kurian

Head of Department

A STUDY ON
BETA REGRESSION AND ITS APPLICATION

PROJECT REPORT SUBMITTED TO
THE MAHATMA GANDHI UNIVERSITY, KOTTAYAM
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR
THE DEGREE OF
MSc. STATISTICS

Submitted by

Anju S

Reg. No: 170011003709



DEPARTMENT OF STATISTICS
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JUNE 2019

DEPARTMENT OF STATISTICS
ST. THOMAS COLLEGE, PALA



Dr. Benny Kurian
Associate Professor

Phone: 04822-212317
Fax No: 91-4822-216313

CERTIFICATE

I hereby certify that this project is a bonafide record of work done by **Ms. ANKITHA TOM** under my supervision in partial fulfillment of the requirements for the Degree of Master of Science in Statistics of Mahatma Gandhi University, Kottayam and that no part of this work has been submitted earlier for the award of any degree.

Dr. Benny Kurian
Associate Professor
St. Thomas College, Pala

Forwarded by:

Dr. K.M. Kurian

Head of the Department of Statistics

Pala

30/06/2019

A STATISTICAL STUDY ON HEART DISEASE DATA

PROJECT REPORT SUBMITTED TO
THE MAHATMA GANDHI UNIVERSITY, KOTTAYAM
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR
THE DEGREE OF
MSc STATISTICS

Submitted by

ANKITHA TOM

Reg. No: 170011003710



DEPARTMENT OF STATISTICS
ST. THOMAS COLLEGE, PALA
KERALA
JUNE 2019

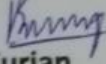
Department of Statistics
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Dr. Benny Kurian
Associate professor

CERTIFICATE

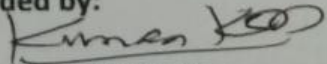
I hereby certify that this project is a Bonifide record of work done by Miss. ASHLY MATHEW, under my supervision in partial fulfilment of the requirements for the Degree of Master of Science in Statistics of Mahatma Gandhi University, Kottayam and that no part of this work has been submitted earlier for the award of any Degree.


Dr. Benny Kurian

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Forwarded by:


Dr.K.M. Kurian

Head of Department

A STUDY ON WORLD HAPPINESS REPORT 2017

**PROJECT REPORT SUBMITTED TO
THE MAHATMA GANDHI UNIVERSITY, KOTTAYAM
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR
THE DEGREE OF MASTER OF SCIENCE IN STATISTICS**

Submitted By

ASHLY MATHEW

Register No: 170011003711



REASERCH AND POSTGRADUATE DEPARTMENT OF STATISTICS

ST. THOMAS COLLEGE, PALA

KERALA

JUNE 2019

DEPARTMENT OF STATISTICS
ST. THOMAS COLLEGE, PALA



Dr. Seemon Thomas
Associate Professor

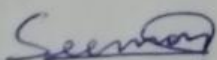
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Pala

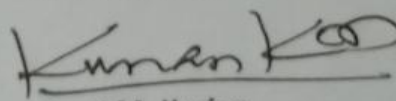
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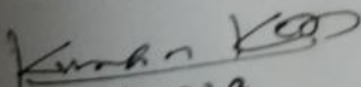
I hereby certify that this project is a bonafide record of work done by **Ms. Aswathy C A** under my supervision in partial fulfillment of the requirements for the Degree of Master of Science in Statistics of Mahatma Gandhi University, Kottayam and that no part of this work has been submitted earlier for the award of any Degree.


Dr. Seemon Thomas
Department of Statistics
St. Thomas College, Pala

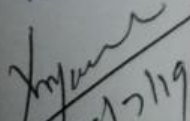
Forwarded by:


Dr. K.M. Kurian

Head of the Department of Statistics


15/7/2019

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15/7/19


15/7/19

A STATISTICAL STUDY ON
CHRONIC KIDNEY DISEASE DATA

PROJECT REPORT SUBMITTED TO
THE MAHATMA GANDHI UNIVERSITY, KOTTAYAM
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR
THE DEGREE OF
MASTER OF SCIENCE IN STATISTICS

Submitted by

ASWATHY C A

Reg.No: 170011003712



DEPARTMENT OF STATISTICS
ST. THOMAS COLLEGE, PALA

KERALA

JUNE 2019

RESEARCH AND POST GRADUATE
DEPARTMENT OF STATISTICS
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Assistant Professor

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I hereby certify that this project is a bonafide record of work done by **Miss. Devoo Mariam** under my supervision in partial fulfillment of the requirements for the Degree of Master of science in Statistics of Mahatma Gandhi University, Kottayam and that no part of this work has been submitted earlier for the award of any Degree.

Dr. Deemat C Mathew

Department of Statistics

St. Thomas College, Palai

Forwarded by:

Dr. K.M. Kurian

Head of the Department of Statistics

St. Thomas College, Palai

15/7/2019

15/7/19

15/7/19

**A STUDY ON THE TIME SERIES DATA OF
RAINFALL IN KERALA**

**PROJECT REPORT SUBMITTED TO
THE MAHATMA GANDHI UNIVERSITY, KOTTAYAM
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR
THE DEGREE OF
MASTER OF SCIENCE IN STATISTICS**

Submitted by

DEVOO MARIAM

Reg.No: 170011003713



**DEPARTMENT OF STATISTICS
ST. THOMAS COLLEGE, PALA
KERALA**

JUNE 2019

**A STUDY ON
ABALONE DATA**

PROJECT REPORT SUBMITTED TO
THE MAHATMA GANDHI UNIVERSITY, KOTTAYAM
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR
THE DEGREE OF
MSc. STATISTICS

Submitted by

SHILPA SURESH

Reg. No: 170011003717



DEPARTMENT OF STATISTICS
ST. THOMAS COLLEGE, PALA

KERALA

JUNE 2019

DEPARTMENT OF STATISTICS
ST. THOMAS COLLEGE, PALA



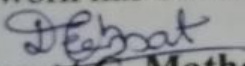
Dr. Deemat C. Mathew

Phone: 04822-21231

Assistant Professor

FaxNo: 91-4822216313

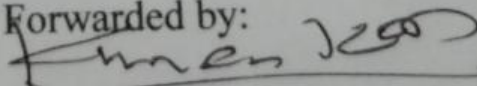
I hereby certify that this project is a bonafide record of work done by **Ms. SHILPA SURESH** under my supervision in partial fulfillment of the requirements for the Degree of Master of Science in Statistics of Mahatma Gandhi University, Kottayam and that no part of this work has been submitted earlier for the award of any degree.


Dr. Deemat C. Mathew

Assistant Professor

St. Thomas College, Pala

Forwarded by:


Dr. K.M. Kurian

Head of the department of Statistics

Pala

10/07/2018

Mahatma Gandhi University, Kottayam, Kerala

Revised Syllabus of M.Sc. Statistics Program Under Credit and Semester System (CSS) 2012

Course Code	Course Title	Credits	Teaching Hours
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Semester-I (Total credits-20)

ST1C01	Distribution Theory	4	5
ST1C02	Analytical Tools for Statistics	4	5
ST1C03	Probability Theory	4	5
ST1C04	Mathematical Methods for Statistics	4	5
ST1C05	Statistical Computational Techniques	4	5

Semester-II (Total credits-20)

ST2C06	Multivariate Distributions	4	5
ST2C07	Advanced Probability Theory	4	5
ST2C08	Statistical Estimation Theory	4	5
ST2C09	Stochastic Processes	4	5
ST2C10	Statistical Computing-1	4	5

Semester-III (Total credits-20)

ST3C11	Sampling Theory	4	5
ST3C12	Statistical Testing of Hypotheses	4	5
ST3C13	Design and Analysis of Experiments	4	5
ST3C14	Multivariate Analysis ✓	4	5
ST3C15	Statistical Computing-2	4	5

Semester-IV (Total credits-20)

ST4C16	Statistical Quality Control	3	5
ST4E-01	Elective-1 - <i>Econometric methods</i>	3	5
ST4E-02	Elective-2 - <i>Operational Research</i>	3	5
ST4E-06	Elective-3 - <i>Advanced distribution theory</i>	3	5
ST4E-08	Elective-4 - <i>Statistical Computing-3</i>	3	3
ST4CD	Dissertation/Project	3	2
ST4CV	Viva-Voce	2	2