

A STATISTICAL STUDY ON THE HEIGHT OF FAMILIES

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

Submitted By

MEENU JOSE

Register No: 130011010443



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

August 2015



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Dr. K. M. Kurian
Head of the Department of Statistics,

Arunapuram
21-08-2015

CERTIFICATE

I hereby certify that this project is a bonafide record of work done by **Miss. Meenu Jose** 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. K. M. Kurian,
Head of the Department of Statistics,
St. Thomas College, Pala

A STATISTICAL STUDY AND ANALYSIS OF VITAMIN USE

A Project Report Submitted

To

**The Mahatma Gandhi University, Kottayam
In partial fulfilment of the requirements for the
Degree of Master of Science in Statistics.**

Submitted by

Minu James

Register No: 130011010446



**Research and Post Graduate
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Kerala**



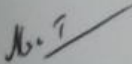
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Dr. Alex Thannippara
Associate Professor in Statistics

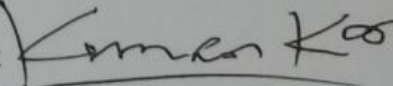
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21-08-2015

CERTIFICATE

I hereby certify that this project is a bonafide record of work done by Miss. Minu James 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. Alex Thannippara

(Supervisor)

Forwarded by: 
Dr. K. M. Kurian,
Head of the Department



A STATISTICAL STUDY ON THE DATA OF BLOOD COMPONENTS

*PROJECT REPORT SUBMITTED TO THE
MAHATMA GANDHI UNIVERSITY, KOTTAYAM
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR
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Submitted By

NEETHU ANN JOSE

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August 2015



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Head of the Department of Statistics

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I hereby certify that this project is a bonafide record of work done by **Miss. Neethu Ann Jose** 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. K. M. Kurian,

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

MODELING WHEAT PRODUCTION

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

Submitted By

NEETHU MATHEW

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Dr.Benny Kurian
Associate Professor in Statistics

Arunapuram
21-08-2015

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I hereby certify that this project is a bonafide record of work done by **Miss. Neethu 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

(Supervisor)

Forwarded by:

Dr. K. M. Kurian,
Head of the Department
St.Thomas College, Pala



COMPOSITE DISTRIBUTIONS AND ITS APPLICATIONS IN INSURANCE

**A Project Report Submitted to
The Mahatma Gandhi University, Kottayam
in partial fulfilment of the requirements
for the Degree of
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Submitted by

Remya Nath. P

Register No: 130011010449



Research and Post Graduate

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August 2015



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I hereby certify that this project is a bonafide record of work done by Miss.Remya Nath.P 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, Palai

Forwarded by:

DR. K. M. Kurian,

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



A STUDY ON GENERALIZED PARETO DISTRIBUTION

*A DISSERTATION SUBMITTED TO THE
MAHATMA GANDHI UNIVERSITY, KOTTAYAM
IN PARTIAL FULFILMENT OF THE REQUIREMENTS FOR
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Submitted By

SHARI S KUMAR

Register No: 130011010450



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AUGUST 2015



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I hereby certify that this project is a bonafide record of work done by Miss. SHARI S KUMAR 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
Associate Professor
Department of Statistics
St. Thomas College, Pala



Forwarded by:

Dr. K.M. Kurian
Head of the Department of Statistics
St. Thomas College, Pala

A STATISTICAL STUDY ON CORONARY HEART DISEASE

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

Submitted By

SINCYMOL THOMAS

Register No: 130011010451



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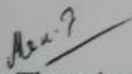
Dr. Alex Thannippara
Lecturer in Statistics

Arunapuram

27.03.2015

CERTIFICATE

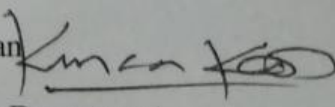
I hereby certify that this project is a bonafide record of work done by Miss **SINCYMOL THOMAS** under my supervision in partial fulfilment of the requirements for the Degree of Master of Science in Statistics of Mahatma Gandhi University, Kottayam and that no part of it has been submitted earlier for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


Dr. Alex Thannippara

Department of Statistics,
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Forwarded by : K. M. Kurian


Head of the Department

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

PROJECT MANAGEMENT TECHNIQUES IN PERT/CPM

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

Submitted By

AMITHA SAJU

Register No: 130011010435



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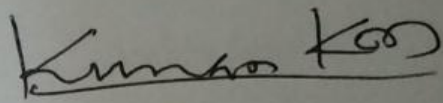
21-08-2015

CERTIFICATE

I hereby certify that this project is a bonafide record of work done by **Miss.Amitha Saju** 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



Forwarded by: 
Dr. K. M. Kurian,
Head of the Department of Statistics,
St. Thomas College, Pala

A STUDY ON PARTICULATE MATTER IN AIR AND ITS COMPONENTS

**Project Report Submitted to the
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in partial fulfilment of the requirements for the
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Submitted by

Anjaly Sankar

Register No: 130011010436



**Department of Statistics
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August 2015



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Associate Professor in Statistics

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21-08-2015

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I hereby certify that this project is a bonafide record of work done by Miss. Anjaly Sankar 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. Seemon Thomas

(Supervisor)



Forwarded by:

Dr. K. M. Kurian,
Head of the Department

A STATISTICAL STUDY ON INTAKE OF PROTEINS AND CALORIES IN INFANTS

A Project Report Submitted

To

**The Mahatma Gandhi University, Kottayam
In partial fulfilment of the requirements for the
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Submitted by

Annu Joseph

Register No: 130011010437



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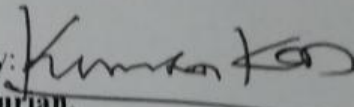
CERTIFICATE

I hereby certify that this project is a bonafide record of work done by Miss. Annu Joseph 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. Alex Thannippara

(Supervisor)



Forwarded by: 
Dr. K. M. Kurian,
Head of the Department

A STATISTICAL STUDY OF THE EFFECTIVENESS OF A TEST DRUG WITH PLACEBO

*PROJECT REPORT SUBMITTED TO THE
MAHATMA GANDHI UNIVERSITY, KOTTAYAM
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR
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Submitted By

ANUPRIYA MOHAN

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Dr. K. M. Kurian

Head of the Department of Statistics

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21-08-2015

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I hereby certify that this project is a bonafide record of work done by **Miss. Anupriya Mohan** 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. K. M. Kurian,
Head of the Department of Statistics,
St. Thomas College, Pala.

MULTIVARIATE TDISTRIBUTION AND ITS APPLICATIONS

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

Submitted By:

ATHIRA S

Register No: 130011010439



RESEARCH AND POST GRADUATE DEPARTMENT OF STATISTICS

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Dr. Sebastian George

Associate Professor in Statistics

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20-08-2015

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Dr. Sebastian George

Associate professor

Department of Statistics,

St. Thomas College, Pala



Forwarded by:

Dr. K. M. Kurian,

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

STATISTICAL SPORTS RATING SYSTEMS
DISSERTATION SUBMITTED TO
MAHATMA GANDHI UNIVERSITY, KOTTAYAM
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE DEGREE OF
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BY
JISS JOSEPH
REG. NO: 1300011010441



Research and Post Graduate Department of Statistics
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Sept 2015

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16-09-2015

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Dr. Sebastian George
Associate Professor
Department of statistics,
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Forwarded by:
Dr. K.M. Kurian
Head of the department of Statistics
St. Thomas College, Palai

A STUDY ON SUGAR-CANE DISEASE DATA

*Project Report Submitted to
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Submitted by

JUDY JOSE

Register No: 130011010442



DEPARTMENT OF STATISTICS
ST THOMAS COLLEGE, PALA, KERALA

2015



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Dr. Seemon Thomas

Associate Professor

CERTIFICATE

I hereby certify that the project entitled 'A STUDY ON SUGAR-CANE DISEASE DATA' is a bonafide record of work done by **Miss. JUDY JOSE** 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 it has been submitted earlier for the award of any Degree.

Dr. Seemon Thomas

(Supervisor)

Forwarded by:

Dr. K.M. Kurian

Head of the Department

