

A STATISTICAL STUDY ON THE BRAIN SIZE AND INTELLIGENCE 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

AMALA PETER

Register No: 150011009779



**DEPARTMENT OF STATISTICS
ST. THOMAS COLLEGE, PALA
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JULY 2017

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11-07-2017

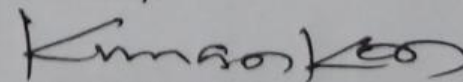
CERTIFICATE

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



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A STATISTICAL STUDY OF SYSTEMATIC SAMPLING

DISSERTATION SUBMITTED TO THE
MAHATMA GANDHI UNIVERSITY, KOTTAYAM
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
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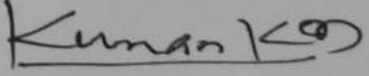
Arunapuram

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CERTIFICATE

I hereby certify that this dissertation is a bonafide record of work done by **Miss. Anjanamol p.t** 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 it has been submitted earlier for the award of any Degree.


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A STUDY ON PARTIALLY BALANCED INCOMPLETE BLOCK DESIGN

DISSERTATION SUBMITTED TO THE
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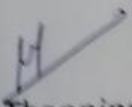
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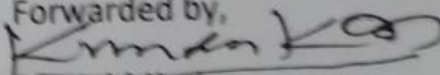
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I hereby certify that this dissertation is a bonafide record of work done by **Miss. Anju K.V** under my supervision in partial fulfillment of the requirements for the Degree of Master of Science in Statistics of Mahatma Gandhi University, Kottayam and that no part of this it has been submitted earlier for the award of any Degree.


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A STATISTICAL STUDY ON THE BULLS SOLD IN AN AUCTION

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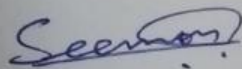
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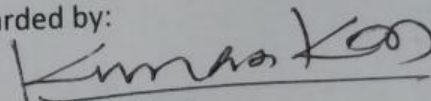
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I hereby certify that this project is a bonafide record of work done by **Mr. Hari S** under my supervision in partial fulfillment of the requirements for the Degree of Master of Science in Statistics of Mahatma Gandhi University, Kottayam and that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



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A STUDY ON ZERO INFLATED POISSON REGRESSION MODELS

**PROJECT REPORT SUBMITTED TO THE
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A handwritten signature in black ink, appearing to be 'S. George', written over a horizontal line.

Dr. Sebastian George

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Forwarded by,

A handwritten signature in black ink, appearing to be 'K. M Kurian', written over a horizontal line.

Dr. K. M Kurian

Head of the Department of Statistics

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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 - Econometric methods	3	5
ST4E-02	Elective-2 - Operational Research	3	5
ST4E-06	Elective-3 - Advanced distribution theory	3	5
ST4E-08	Elective-4 - Statistical Computing-3	3	3
ST4CD	Dissertation/Project	3	2
ST4CV	Viva-Voce	2	

A STUDY ON INVERSE GAUSSIAN DISTRIBUTIONS

**A DISSERTATION SUBMITTED TO THE
MAHATMA GANDHI UNIVERSITY, KOTTAYAM
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Submitted By

TESIA PLATHOTTATHIL

Register No: 150011009793



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Dr. K. M Kurian

*Valueed
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12-7-17
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Dr. K. M Kurian
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