



Alphonsa College Thiruvambady

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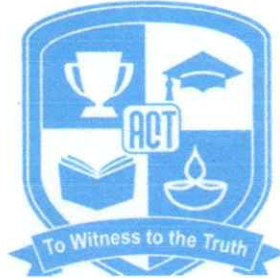
Certificate Course in Research Methodology & Statistical Data Analysis

Add-on Course for BBA Students



2020

ALPHONSA COLLEGE THIRUVAMBADY
P G DEPARTMENT OF COMMERCE 2020 -2021



Curriculum
On
the Certificate Course in
Research methodology and statistical data analysis
BBM2D01

Teacher Coordinator: Ms. Anjali Abraham

Fee Structure: INR 500 (Per student)

Duration of the course: 3 Months

Total Hours: 30

Certificate course in Research Methodology and Statistical data analysis
A Certificate course for BBA Students
2020-2021

COURSE SUMMARY

Name of the Programme : Certificate Course in Research Methodology and Statistical Analysis

Duration : 30 hours

Aim : Basic concepts of research and its methodologies

Faculty : Ms. Anjali Abraham

No. of students : 14

The PG Department Of Commerce had conducted an add on course in Research Methodology and Statistical Analysis for the academic year 2020 -2021. The course was offered for the final year U.G. students (2020-2021) .Ms. Anjali Abraham , Assistant Professor, P.G. The Department of Commerce was the co –coordinator of the program. The course started on July 2 and ended in September 18

The objectives of the course were to equip the students to understand basic concepts of research and its methodologies, help them to acquire the ability to design questionnaires for data collection and also to understand different measurement scales, which will enable them for easy data collection and analysis. It was a 30 hour course. The programme includes live questionnaire preparation and data analysis sessions. students were enrolled for the program and all the students were successfully completed

ASSESSMENT PROCEDURE

The evaluation criteria includes a written examination and marks were converted into grades.



Ms. Anjali Abraham (Coordinator)



Dr. Chacko K V (Principal)

DR. CHACKO K.V.
PRINCIPAL
ALPHONSA COLLEGE THIRUVAMBADY
THIRUVAMBADY P.O., KOZHIKODE-673603

Certificate Course in Research Methodology and Statistical Data Analysis

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2020-2021**

COURSE SYLLABUS

BBM2D01 Research Methodology and Statistical Data Analysis

Lecture Hours per week: 3,

Credits: 3 Internal: 15, External: 60,

Examination 2 Hours

Objectives

1. To understand different measurement scales.
2. To acquire the ability to design questionnaire for data collection.
3. To understand some basic concepts of research and its methodologies

Outcome

- To make students capable to identify appropriate research topics
- To select and define appropriate research problem and parameters
- To make students competent to prepare a project proposal

Module 1

10Hours

Research Process: Research problem identification – understanding the Background of the problem - problem formulation – determination of unit of analysis – determine the relevant variables - research questions – hypothesis and research objectives. Questionnaire – Questionnaire design process – Pre-construction phase – Construction phase – decision regarding question format - - Question wording – Question sequencing – Question response choice – Questionnaire layout – Post-Construction phase

Module II

10 Hours

Measurement and Scaling: Scales of measurement – Nominal – Ordinal – Interval – Ratio scales – Measurement scales – Single item scales – Multi-Item scales – Continues scales – Criteria for good measurement. Introduction to SPSS – Application window – data view

window – variable view window – output window – menu bar items – variable setting in SPSS.

Module III

10 Hours

Data Processing: processing stages – editing – coding and data entry – descriptive analysis under different types of measurements – percentages, frequency table – contingency table – graphs – interpretation – Hypothesis testing for categorical data (Chi-Square test) – t Test – ANOVA – Non Parametric Tests

Reference

1. Creswell, J. W. *Research design: Qualitative, quantitative and mixed methods approaches*. 5th Ed. Thousand Oaks, CA: Sage, 2018.
ISBN: 978-1-5063-8670-6
2. TRU Library. *APA Citation Style - Quick Guide*. 6th edition. 2011.
Type: Online Guide
3. Research in Education, 10th Edition ;Best & Kahn
4. Research Methodology ;C.R.KOTHARI
5. Methodology of Educational Research; Lokesh Koul
6. Case Study Research; John Mcleod



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**LIST OF STUDENTS ENROLLED FOR ADD-ON COURSE
IN
Certificate course in Research Methodology and Statistical data analysis
(2020-2021)**

SL.NO	ENROLLED NUMBER	NAME OF PARTICIPANTS
1	BBARM20-01	MARIA RIBI
2	BBARM20-02	SHALET ZACHARIAS
3	BBARM20-03	ABILASH BENNY
4	BBARM20-04	ALEN MATHEW
5	BBARM20-05	AMAL NINANCHAN
6	BBARM20-06	AMAR SINAD KP
7	BBARM20-07	AMEER ZUHAIL
8	BBARM20-08	BEZALEL SUGATH
9	BBARM20-09	BLESSON WILSON
10	BBARM20-10	COLIN BOBEN
11	BBARM20-11	JENITTEN JOSEPH
12	BBARM20-12	JOMON JOSE
13	BBARM20-13	KAILASNATH TK
14	BBARM20-14	NIKHIL VELLANCHIRA JOSE
15	BBARM20-15	NIMIL THOMAS ABRAHAM
16	BBARM20-16	NISHAL MUHAMMED RK
17	BBARM20-17	TOM GEORGE


Ms. Anjali Abraham (Coordinator)
(Principal)


Dr. Chacko K V

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Attendance List

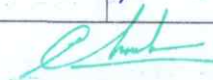
SI. NO	NAME	DAY 1 2/7/20	DAY 2 2/7/20	DAY 3 3/7/20	DAY 4 6/7/20	DAY 5 7/7/20	DAY 6 8/7/20	DAY 7 9/7/20	DAY 8 10/7/20	DAY 9 13/7/20	DAY 10 14/7/20	DAY 11 15/7/20	DAY 12 16/7/20	DAY 13 17/7/20	DAY 14 21/7/20	DAY 15 22/7/20
1	MARIA RIBI	P	P	P	AB	P	P	P	P	P	P	P	P	P	P	P <i>Maria</i>
2	SHALET ZACHARIAS	P	P	P	P	P	AB	P	P	P	P	P	P	P	P	AB <i>Shalet</i>
3	ABILASH BENNY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P <i>Abilash</i>
4	ALEN MATHEW	P	P	AB	P	P	P	P	P	P	P	P	AB	P	P	P <i>Alen</i>
5	AMAL NINANCHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P <i>Amal</i>
6	AMAR SINAD KP	P	P	P	P	P	P	P	AB	P	P	P	P	P	P	P <i>Amar</i>
7	AMEER ZUHAIL	P	P	P	P	P	P	P	P	P	P	AB	P	P	P	P <i>Ameer</i>
8	BEZALEL SUGATH	P	P	P	P	P	P	P	P	P	P	P	P	P	AB	P <i>Bezalel</i>

9	BLESSON WILSON	P	P	AB	P	P	P	P	P	P	P	P	P	P	P	P
10	COLIN BOBEN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	JENITTEN JOSEPH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	JOMON JOSE	P	P	P	AB	P	P	P	P	P	P	P	P	P	P	P
13	KAILASNAT H TK	P	P	P	P	P	AB	P	P	P	P	P	P	P	P	P
14	NIKHIL VELLANCHI RA JOSE	P	P	P	P	P	P	AB	P	P	P	P	P	P	P	P

SL. NO	NAME	DAY 16 23/7/20	DAY 17 24/7/20	DAY 18 25/7/20	DAY 19 26/7/20	DAY 20 27/7/20	DAY 21 28/7/20	DAY 22 29/7/20	DAY 23 30/7/20	DAY 24 31/7/20	DAY 25 1/8/20	DAY 26 2/8/20	DAY 27 3/8/20	DAY28 4/8/20	DAY29 5/8/20	DAY 30 6/8/20
1	MARIA RIBI	AB	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	SHALET ZACHARIAS	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	ABILASH BENNY	P	AB	P	P	P	P	P	P	P	P	P	P	P	P	P
4	ALEN MATHEW	P	P	P	P	P	P	AB	P	P	P	P	P	P	P	P

5	AMAL NINACHAN	P	P	P	P	P	P	P	P	P	AB	AB	P	P	P	P
6	AMAR SINAD K. P.	P	P	P	P	AB	P	P	P	P	P	P	P	P	P	P
7	AMEER SUHAIL	P	P	AB	P	P	P	AB	P	P	P	P	P	AB	P	P
8	BEZALEL SUGATH	P	AB	P	P	P	P	P	P	P	P	P	P	P	P	P
9	BLESSON WILSON	AB	P	P	P	P	P	P	AB	P	P	AB	P	P	P	P
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11	JENITTIN JOSEPH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	JOMON JOSE	P	P	AB	P	P	P	P	P	P	AB	P	P	P	P	P
13	KAILASNAT H T. K.	AB	P	AB	P	AB	P	P	P	P	P	P	P	P	P	P
14	NIKHIL VELLANCHI RA JOSE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P


Ms. Anjali Abraham (Coordinator)


Dr. Chacko K.V. (Principal)

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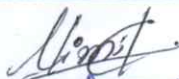


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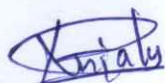
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STUDENTS LIST WITH SIGNATURE

SL.NO	NAME OF PARTICIPANTS	SIGNATURE
1	MARIA RIBI	
2	SHALET ZACHARIAS	
3	ABILASH BENNY	
4	ALLEN MATHEW	
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17	TOM GEORGE	



Ms. Anjali Abraham

Prof. Philip K Antony



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GRADE SHEET

SL.NO	NAME OF PARTICIPANTS	GRADE OBTAINED
1	MARIA RIBI	A+
2	SHALET ZACHARIAS	A
3	ABILASH BENNY	A
4	ALEN MATHEW	A+
5	AMAL NINANCHAN	A
6	AMAR SINAD KP	A+
7	AMEER ZUHAIL	A
8	BEZALEL SUGATH	A
9	BLESSON WILSON	A+
10	COLIN BOBEN	A
11	JENITTEN JOSEPH	A
12	JOMON JOSE	A+
13	KAILASNATH TK	A
14	NIKHIL VELLANCHIRA JOSE	A
15	NIMIL THOMAS ABRAHAM	A
16	NISHAL MUHAMMED RK	A+
17	TOM GEORGE	A

Anjali Abraham

Coordinator

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Principal

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CERTIFICATE

This is to certify that

BEZALEL SUGATH

has successfully completed an add-on-course on

Research Methodology and Statistical Data Analysis

With 'A' Grade in the academic year 2020-2021

organized by Post Graduate

Department of Commerce.

Ms. Sanamma P.V

*HoD
Department of Commerce*



Dr. Chacko K. V

(Principal)