

**P. G DEPARTMENT OF ECONOMICS**  
**DEVA MATHA COLLEGE, KURAVILANGAD**

**Affiliated to Mahatma Gandhi University, Kottayam**



**REPORT OF ADD-ON COURSE**

**Data Analysis using Excel**

**Conducted for I MA Econometrics**

**Academic Year: 2021-22**

### **Add-On Course: Data Analysis Using Excel**

Academic year : 2021-2022  
Date(s) on which program was conducted : 22-01-22 to 22-02-2022  
Sponsoring / Collaborating agency : Deva Matha College Kuravilangad  
Beneficiaries : 1 PG Econometrics students  
Organizing Dept. / Club & Name of Co-ordinator : PG Department of Economics  
Name / Affiliation & Contact details (E-mail) of the resource person(s) : Ms. Sony Jacob  
[sony.jacob@devamatha.ac.in](mailto:sony.jacob@devamatha.ac.in)  
+91 8301882685

The number of students participated in the program : 13

Instructional Hours: 30 hours

Duration: 3 months

Mode of Instruction: Theory- Online Mode and Practical- Offline Mode

Intake Capacity: 30

Eligibility: Basic Computer Knowledge

Course Objectives:

1. To use different functions of MS Excel with regard to data analysis.
2. To understand the principles behind data mining, importing data and organizing data.
3. To apply statistical analysis and technologies on data to find trends, high level visual summaries and solve problems.
4. To start data analysis and modeling.

### **Assessment Procedure**

Internal:

Multiple Choice Questions based Test of **10 marks** (10 Questions) based on theory.

Practical Test **10 marks** based on basic functions and formulas

External:

Multiple Choice Questions based Test of **40 marks** (20 Questions) based on theory.

Practical Test of **20 marks** based on basic functions and formulas, data sorting, data visualization and budget.

Report **20 marks** Time series data analysis including Descriptive statistics, Correlation, Regression & its interpretation

### **Grading**

4.50 to 5.00 – A+ - Excellent

4.00 to 4.49 – A – Very Good

3.50 to 3.99 – B+ - Good

3.00 to 3.49 – B - Average

Below 3.00 – Below Average

### **Course outcome**

This course enables students to undertake basic data analysis tasks required for term paper, Internship and dissertations.

#### **A brief report on Add-on Course: Data Analysis using Excel.**

The P.G Department of Economics, Deva Matha College Kuravilangad conducted an Add on Course on “Data Analysis using Excel” (DMCK/ECON/AD 11/2021 from 12th January 2022 to 22<sup>nd</sup> February 2022. The Course was about the usage of Excel for Data Analysis. This course can boost employability and career prospects as it is a useful tool to analyse data in everyday life, such as when managing personal finances and Excel is easily accessible software that is a valuable tool in all aspects of life and is considered critical for personal development. This course included practical classes in college computer lab, through which students got hands on experience and got idea on how to analyse simple time series data and interpret the results.

A total of 13 students took admission for the course. Starting from 12<sup>th</sup> January 2022 there were 30 sessions conducted by Ms. Sony Jacob, Assistant Professor on Contract, P.G Department of Economics, Deva Matha College Kuravilangad. The sessions were divided into the following categories-

1. Introduction to Microsoft Excel (10 hours).
2. Excel Functions (5 hours)
3. Charts & Budget preparation (5 hours)
4. Data Analysis using Excel: - Descriptive Statistics, Correlation & Regression (10 hours)

The session included 20 online classes and 8 offline classes including lab as a part of the course. Students were divided into 3 groups and they submitted a mini data analysis work using time series data and its interpretation as a practical work based on the course. Online Exam was conducted on 22<sup>nd</sup> February 2022. Overall, the success of the course was heightened by the enthusiasm and participation of students, support of Head of the Department, Dr. Elsamma Joseph and other department faculties.



Ms. Sony Jacob

Department Coordinator

## **Students List**

<b>Sl. No.</b>	<b>Class No.</b>	<b>Name of the student</b>
1	550	AnandhakrishnanAchari
2	551	Jinto Joy
3	552	Manu A N
4	553	Melvin Francis
5	554	Abhirami K
6	555	Akhilamol Sebastian
7	556	Aleena Augustine
8	557	Devika Rajan
9	558	Radhika Santhosh
10	559	Renju Theresa Manuel
11	560	Seethalakshmi S
12	561	Sreelakshmi E R
13	562	Sruthymol P Baby

## Attendance: Add on Course

### Data Analysis Using Excel

#	Class Number	Name	Percentage
1	550	AnandhaKrishnanAchari	83.33%
2	552	Manu A N	100%
3	553	Melvin Francis	0%
4	551	Jinto Joy	96.67%
5	556	Aleena Augustine	83.33%
6	554	Abhirami K	86.67%
7	559	Renju Theresa Manuel	100%
8	558	Radhika Santhosh	100%
9	555	Akhilamol Sebastian	86.67%
10	562	Sruthymol P Baby	100%
11	561	Sreelekshmi E R	80%
12	557	Devika Rajan	83.33%
13	560	Seethalakshmi S	100%





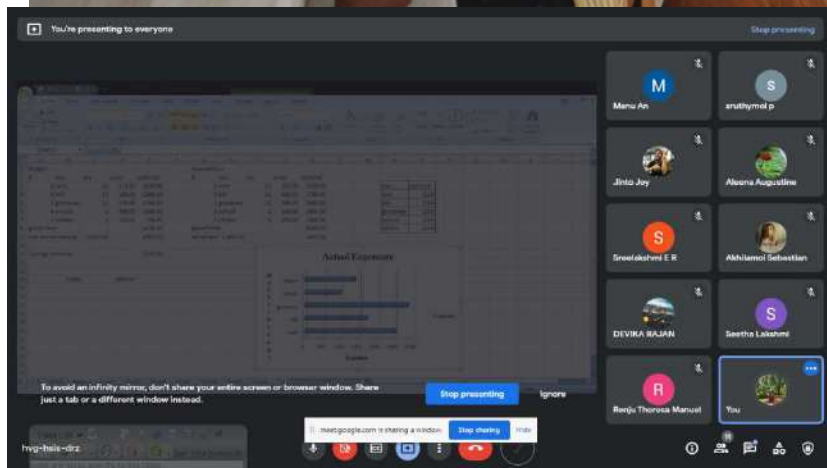
## Test Scores

#	Name	Marks obtained (Theory + Practical)
1	AnandhakrishnanAchari	28+20
2	Manu A N	20+20
3	Melvin Francis	-
4	Jinto Joy	18+20
5	Aleena Augustine	30+20
6	Abhirami K	18+20
7	Renju Theresa Manuel	30+20
8	Radhika Santhosh	30+20
9	Akhilamol Sebastian	28+20
10	Sruthymol P Baby	30+20
11	Sreelekshmi E R	18+20
12	Devika Rajan	28+20
13	Seethalakshmi S	30+20



Lab sessions were arranged group wise  
Online classes were also part of the session.







# Deva Matha College Kuravilangad

## CERTIFICATE

THIS IS TO CERTIFY THAT

***Sruthymol P Baby***

of I P.G. Econometrics has successfully completed the Add-on Course titled 'Data Analysis using Excel' (DMCK/ECON/AD 11/2021) conducted by P.G. Department of Economics of Deva Matha College Kuravilangad during the academic year 2021-2022 with "A" grade.

DR. SUNIL.C. MATHEW  
Principal

DR. ELSAMMA JOSEPH  
Head of the Department

MS. SONY JACOB  
Department Coordinator

Kuravilangad  
Date: 24-02-2022



# Deva Matha College Kuravilangad

## CERTIFICATE

THIS IS TO CERTIFY THAT

***Sreelakshmi E R***

of I P.G. Econometrics has successfully completed the Add-on Course titled 'Data Analysis using Excel' (DMCK/ECON/AD 11/2021) conducted by P.G. Department of Economics of Deva Matha College Kuravilangad during the academic year 2021-2022 with "A" grade.

DR. SUNIL.C. MATHEW  
Principal

DR. ELSAMMA JOSEPH  
Head of the Department

MS. SONY JACOB  
Department Coordinator

Kuravilangad  
Date: 24-02-2022



Principal  
Deva Matha College  
Kuravilangad - 686 633



Ms. Sony Jacob  
Department Coordinator  
Department of Economics