

# FATIMA MATA NATIONAL COLLEGE

AUTONOMOUS

(Reaccredited with 'A' Grade by NAAC)  
Affiliated to University of Kerala



**Teaching Plan 15UEC643**

**IQAC** INTERNAL QUALITY ASSURANCE CELL

**FATIMA MATA NATIONAL COLLEGE (AUTONOMOUS), KOLLAM  
DEPARTMENT OF ECONOMICS**

**Teaching Plan  
2019-2020**

Subject: **Economics** Semester: **6**

Paper: **15UEC 643 Basic Tools for Economics**

Instructional Hours (IH): **90**

Name of Teacher(s): Dr Titus A. R. (ART)

Day	Date	Topic	IH	Teacher
D1	18.11.19 (MON)	Course Introduction	1	ART
D2	19.11.19 (TUE)	Correlation Analysis	1	ART
D3	20.11.19 (WED)	Correlation and Causation	1	ART
D4	21.11.19 (THU)	Types of Correlation	1	ART
D5	22.11.19 (FRI)	Methods of Studying Correlation	1	ART
D6	25.11.19 (MON)	Scatter Diagram	1	ART
D7	26.11.19 (TUE)	Karl Pearson's Coefficient of Correlation	1	ART
D8	27.11.19 (WED)	Solutions to Problems	2	ART
D9	28.11.19 (THU)	Correlation: Change of Origin	1	ART
D10	29.11.19 (FRI)	Solutions to Problems	2	ART
D11	02.12.19 (MON)	Correlation: Change of Scale	1	ART
D12	03.12.19 (TUE)	Solutions to Problems	1	ART
D13	04.12.19 (WED)	Properties of Correlation Coefficient	1	ART
D14	05.12.19 (THU)	Probable Error	1	ART
D15	06.12.19 (FRI)	Solutions to Problems	1	ART
D16	09.12.19 (MON)	Rank Correlation	1	ART
D17	10.12.19 (TUE)	Solutions to Problems	2	ART
D18	11.12.19 (WED)	Solutions to Problems	1	ART
D19	12.12.19 (THU)	Merits and demerits of Rank Correlation	1	ART
D20	13.12.19 (FRI)	Importance of Correlation in Economics	1	ART
D21	16.12.19 (MON)	Regression Analysis	1	ART
D22	17.12.19 (TUE)	Line of Best Fit	1	ART
D23	18.12.19 (WED)	Method of Least Squares	1	ART
D24	19.12.19 (THU)	Lines of Regression	1	ART
D25	30.12.19 (MON)	Regression Equations	1	ART
D26	31.12.19 (TUE)	Regression Equation of Y on X	1	ART
D27	01.01.20 (WED)	Solutions to Problems	1	ART
D28	03.01.20 (FRI)	Solutions to Problems	1	ART
D29	06.01.20 (MON)	Regression Equation of Y on X	1	ART
D30	07.01.20 (TUE)	Solutions to Problems	1	ART
D31	08.01.20 (WED)	Solutions to Problems	2	ART
D32	09.01.20 (THU)	Properties and Usefulness of Regression	1	ART
D33	10.01.20 (FRI)	Relations between Correlation & Regression	1	ART
D34	13.01.20 (MON)	CAT I		
D35	14.01.20 (TUE)	CAT I		
D36	15.01.20 (WED)	CAT I		
D37	16.01.20 (THU)	CAT I		
D38	17.01.20 (FRI)	CAT I		
D39	20.01.20 (MON)	Index Numbers	1	ART
D40	21.01.20 (TUE)	Uses of Index Numbers	1	ART
D41	22.01.20 (WED)	Problems in the Construction of Index	1	ART

D42	23.01.20 (THU)	Price Index Numbers	1	ART
D43	24.01.20 (FRI)	Methods of Constructing Index	1	ART
D44	27.01.20 (MON)	Simple Aggregative Method	1	ART
D45	28.01.20 (TUE)	Simple Average of Price Relative Method	1	ART
D46	29.01.20 (WED)	Weighted Aggregative Method	1	ART
D47	30.01.20 (THU)	Laspeyres, Paasche's, and Fisher's Index	1	ART
D48	31.01.20 (FRI)	Solutions to Problems	1	ART
D49	03.02.20 (MON)	Solutions to Problems	1	ART
D50	04.02.20 (TUE)	Weighted Average of Price Relative Method	1	ART
D51	05.02.20 (WED)	Bias in Index & Tests of Adequacy of Index	1	ART
D52	06.02.20 (THU)	Solutions to Problems	1	ART
D53	07.02.20 (FRI)	Quantity Index	1	ART
D54	10.02.20 (MON)	Chain Base Index, and Fixed Base Index	1	ART
D55	11.02.20 (TUE)	Deflating, Splicing, and Base Shifting	1	ART
D56	12.02.20 (WED)	Theory of Probability	2	ART
D57	13.02.20 (THU)	Random Experiment	1	ART
D58	14.02.20 (FRI)	Classical Probability	1	ART
D59	17.02.20 (MON)	Relative Frequency Theory	1	ART
D60	18.02.20 (TUE)	Subjective and Axiomatic	1	ART
D61	19.02.20 (WED)	Combination	2	ART
D62	20.02.20 (THU)	Theorems of Probability	1	ART
D63	24.02.20 (MON)	Addition & Multiplication Theorem	1	ART
D64	25.02.20 (TUE)	CAT II		
D65	26.02.20 (WED)	CAT II		
D66	27.02.20 (THU)	CAT II		
D67	28.02.20 (FRI)	CAT II		
D68	02.03.20 (MON)	CAT II		
D69	03.03.20 (TUE)	Conditional Probability & Bayes Theorem	2	ART
D70	04.03.20 (WED)	Binomial Distributions	1	ART
D71	05.03.20 (THU)	Measures of Binomial Distributions	2	ART
D72	06.03.20 (FRI)	Properties of Binomial Distributions	2	ART
D73	09.03.20 (MON)	Solutions to Problems	1	ART
D74	10.03.20 (TUE)	Normal Distribution	1	ART
D75	11.03.20 (WED)	Properties of Normal Distributions	1	ART
D76	12.03.20 (THU)	Solutions to Problems	2	ART
D77	13.03.20 (FRI)	Solutions to Problems	2	ART
D78	16.03.20 (MON)	Solutions to Problems	1	ART
D79	17.03.20 (TUE)	End Semester Examinations Commence		

**Course Coordinator**

**HoD**