



# **St. Michael's College, Cherthala**

**Alappuzha, Kerala-688 539**

**Affiliated to University of Kerala**

**and Re-accredited by NAAC with 'A' Grade**



**ADD ON COURSE 2021-22**

**Name of the Programme : APPLIED ECONOMICS ANALYSIS**

**Name of the Department : ECONOMICS**

**Course Code : EC 204**



# St. Michael's College

MAYITHARA P.O., CHERTHALA, ALAPPUZHA-688539

An institution with Minority Status Affiliated to the University of Kerala and  
Re-accredited by NAAC with 'A' Grade

## Add on Course - 2021-22

### CHEMISTRY

Coir  
Technology

### COMMERCE

GST Filing &  
Tally

### ECONOMICS

Applied  
Economics  
Analysis

### ENGLISH

Interpersonal  
Relationship  
Counseling and  
Psychological  
Guidance

### PHYSICS

Observing  
the sky with  
Stellarium and  
beyond

### SOFTWARE DEVELOPMENT

Add on Course  
in PHP

### TOURISM STUDIES

Air Transport  
Operations

### ZOOLOGY

Brackish Water  
Aquaculture  
Methods and  
Practices

### ENGLISH

#### Certificate Course

Fundamentals of  
Communication  
and Soft Skills



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**NAME OF COURSE : APPLIED ECONOMIC ANALYSIS**

**COURSE CODE : EC 204**

**NO OF STUDENTS ENROLLED: 53**

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## **Applied Economic Analysis**

### **Syllabus for Add On Program by the Department of Economics St. Michael's College, Cherthala.**

Introduction to Applied Economics - Overview of economic analysis and its applications - Basic concepts and tools of economic analysis - Economic modeling and empirical methods

Microeconomic Applications - Consumer behavior and demand analysis - Production and cost analysis - Market structures and competition - Welfare economics and policy analysis

Macroeconomic Applications - Aggregate demand and supply analysis - Monetary and fiscal policy analysis - International trade and finance - Economic growth and development

Applied Econometrics - Statistical analysis and hypothesis testing - Regression analysis and model selection - Time series analysis and forecasting - Causal inference and program evaluation

Applications in Specific Industries or Sectors - Healthcare economics and policy - Energy and environmental economics - Labor economics and workforce development - Financial and investment analysis -

Course Format: Lectures, group discussions, case studies, and hands-on projects.

Assessment Methods: Class participation, individual and group assignments, presentations, and a final project.

Prerequisites: Introduction to Microeconomics, Introduction to Macroeconomics, and Statistics.

<b>Add-On Cell</b>
<b>St.Michael's College, Cherthala</b>
<b>Class Schedule Format 2021-2022</b>

<b>Department: Economics</b>			<b>Course: Applied Economic Analysis</b>		
Sl No	Date	Day	Time	Name of Teacher	Class Room No
1	10/4/2021	Monday	3.30am-4.30pm	Riju Gregory	A32
2	10/7/2021	Thursday	3.30pm-4.30pm	Riju Gregory	A32
3	10/13/2021	Wednesday	3.30pm-4.30pm	Dr. Antony Kuriakose P.	A32
4	10/15/2021	Friday	3.30pm-4.30pm	Riju Gregory	A32
5	10/20/2021	Wednesday	3.30pm-4.30pm	Riju Gregory	A32
6	10/25/2021	Monday	3.30pm-4.30pm	Dr. Antony Kuriakose P.	A32
7	10/28/2021	Thursday	3.30pm-4.30pm	Dr. Antony Kuriakose P.	A32
8	11/3/2021	Wednesday	3.30pm-4.30pm	Riju Gregory	A32
9	11/9/2021	Tuesday	3.30pm-4.30pm	Riju Gregory	A32
10	11/15/2021	Monday	3.30pm-4.30pm	Dr. Antony Kuriakose P.	A32
11	11/18/2021	Thursday	3.30pm-4.30pm	Dr. Antony Kuriakose P.	A32
12	11/24/2021	Wednesday	3.30pm-4.30pm	Riju Gregory	A32
13	11/30/2021	Tuesday	3.30pm-4.30pm	Riju Gregory	A32
14	12/2/2021	Thursday	3.30pm-4.30pm	Dr. Antony Kuriakose P.	A32
15	12/10/2021	Friday	3.30pm-4.30pm	Riju Gregory	A32
16	12/16/2021	Thursday	3.30pm-4.30pm	Riju Gregory	A32
17	12/17/2021	Friday	3.30pm-4.30pm	Dr. Antony Kuriakose P.	A32
18	1/4/2022	Tuesday	3.30pm-4.30pm	Dr. Antony Kuriakose P.	A32

19	1/10/2022	Monday	3.30pm-4.30pm	Dr. Antony Kuriakose P.	A32
20	1/18/2022	Tuesday	3.30pm-4.30pm	Riju Gregory	A32
21	1/24/2022	Monday	3.30pm-4.30pm	Riju Gregory	A32
22	1/28/2022	Friday	3.30pm-4.30pm	Dr. Antony Kuriakose P.	A32
23	1/31/2022	Monday	3.30pm-4.30pm	Dr. Antony Kuriakose P.	A32
24	2/4/2022	Friday	3.30am-4.30am	Riju Gregory	A32
25	2/9/2022	Wednesday	3.30pm-4.30pm	Dr. Antony Kuriakose P.	A32
26	2/15/2022	Tuesday	3.30pm-4.30pm	Riju Gregory	A32
27	2/18/2022	Friday	3.30pm-4.30pm	Riju Gregory	A32
28	2/21/2022	Monday	2.30pm-3.30pm	Dr. Antony Kuriakose P.	A32
29	2/24/2022	Thursday	3.30pm-4.30pm	Dr. Antony Kuriakose P.	A32
30	2/28/2022	Monday	3.30pm-4.30pm	Riju Gregory	A32

**ST. MICHAEL'S COLLEGE, CHERTHALA****Department of Economics****Attendance Statement - Add On Course on Applied Economic Analysis (2021-22)**

<i>Sl. No.</i>	<i>Candidate Code</i>	<i>Name of the candidate</i>	<b>No. of days attended (Total days=30)</b>	<b>Percentage of Attendance</b>
1	15019136001	ABIYA SEBASTIAN	28	93.33
2	15019136002	ANN MARIA C J	26	86.67
3	15019136003	ANNIE HELGI A A	27	90.00
4	15019136004	DANY JIJO	24	80.00
5	15019136005	DEVIKA DEVADAS	29	96.67
6	15019136006	LIBIYA P MICHAEL	26	86.67
7	15019136007	MANU. A	24	80.00
8	15019136008	NEETHU KRISHNA .T.P	29	96.67
9	15019136009	NIMISHA PAUL	25	83.33
10	15019136010	RADHIKA K G	30	100.00
11	15019136011	RAHUL. B	24	80.00
12	15019136012	SINTA THOMAS	24	80.00
13	15019136013	UNNIKRISHNAN S	24	80.00
14	15019136014	VERONICA THOMAS	28	93.33
15	15019136015	VIGNESWARAN S	23	76.67
16	15019136016	VINAY THOMAS	29	96.67
17	15019136017	AATHIRA.S	30	100.00
18	15019136018	ABIN JOSEPH	27	90.00
19	15019136019	ADARSH K G	24	80.00
20	15019136020	ADHEENA K. S	28	93.33
21	15019136021	AKSHAY K ASHOK	26	86.67
22	15019136023	ALAN ALESTAR	24	80.00

23	15019136025	AMAYA K T	26	86.67
24	15019136027	ANJALI DAS	28	93.33
25	15019136028	ANJALI RAJU	27	90.00
26	15019136029	ANTONY SEBASTIAN	26	86.67
27	15019136030	ANUGRAHA	29	96.67
28	15019136031	APARNA N	28	93.33
29	15019136032	ARJUN BABU	26	86.67
30	15019136033	ASHIK T DOMINIC	25	83.33
31	15019136034	ASHLIN K JOY	25	83.33
32	15019136035	ASHNA JOSEPH	27	90.00
33	15019136036	ASWIN. K.K	24	80.00
34	15019136037	DEVIMOL K.S	29	96.67
35	15019136038	HARISH ARAVINDAKSHAN	25	83.33
36	15019136039	JERIN FELIX	26	86.67
37	15019136040	JOBIN JOSEPH	25	83.33
38	15019136041	JOMON T. U.	24	80.00
39	15019136042	KRISHNADAS P	25	83.33
40	15019136043	LEKSHMI K P	28	93.33
41	15019136045	MARY JOSNA P J	28	93.33
42	15019136047	NOEL K B	30	100.00
43	15019136048	PRINCY SIBI	27	90.00
44	15019136049	RENNY. P. THOMAS	25	83.33
45	15019136050	RHINE JESSY JOSE	30	100.00
46	15019136051	ROSHAN SAM ABY	27	90.00
47	15019136053	SAMBATH.P.V.	25	83.33
48	15019136056	SHIPHY K. SEBASTIAN	28	93.33
49	15019136057	SNEHA K Y	29	96.67



50	15019136058	SOUNDHARYA JOSEPH	30	100.00
51	15019136059	SREERAJ K	26	86.67
52	15019136060	STEPHY JOSEPH	26	86.67
53	15019136061	SUBINA.S	28	93.33

**St. Michael's College, Cherthala**

**Department of Economics**

**Model Question Paper**

**Add On Programme on Applied Economic Analysis**

Total Marks 80

Time 3 Hours

**Section A: Microeconomic Analysis (20 marks)**

- 1) Explain the concept of price elasticity of demand. How can it be used to analyze the impact of a tax on a specific good? (5 marks)
- 2) Compare and contrast the characteristics of perfect competition and monopolistic competition. How do firms in each market structure set their prices and output levels?(5 marks)
- 3) Suppose a firm is producing a good with a marginal cost of ₹100 and a price elasticity of demand of -2. Calculate the profit-maximizing price and output level for the firm. (5 marks)
- 4) Analyze the impact of a minimum wage increase on the labor market. How does it affect the wage rate, employment level, and the overall welfare of workers? (5 marks)

**Section B: Macroeconomic Analysis (20 marks)**

- 5) Discuss the different types of unemployment and their causes. How can government policies be used to reduce unemployment? (5 marks)
- 6) Explain the concept of inflation and its impact on the economy. How can the central bank use monetary policy to control inflation? (5 marks)
- 7) Analyze the impact of an increase in government spending on the economy. How does it affect the aggregate demand and supply, as well as the inflation rate and output level? (5 marks)
- 8) Discuss the benefits and challenges of international trade for a small open economy. How can trade policies be used to promote economic growth and development? (5marks)

**Section C: Applied Econometrics (20 marks)**

9) Explain the concept of correlation and regression analysis. How can it be used to analyze the relationship between two economic variables? (5 marks)

10) Suppose you are given a time series data of the GDP growth rate in a country for the last 10 years. How can you use time series analysis to forecast the GDP growth rate for the next year? (5 marks)

11) Discuss the different methods of program evaluation in applied economics. How can you use these methods to evaluate the impact of a government program on the welfare of its beneficiaries? (5 marks)

12) Analyze the results of a regression analysis between the wage rate and years of education using a sample of workers in a specific industry. How do you interpret the coefficient of determination, and what are the potential limitations of this analysis? (5 marks)

**Section D: Applied Economic Analysis in Specific Industries or Sectors (20 marks)**

13) Analyze the impact of the Goods and Services Tax (GST) on the Indian economy. How does it affect the revenue collection, tax compliance, and overall economic growth? (5 marks)

14) Discuss the challenges and opportunities of the agricultural sector in India. How can government policies be used to promote sustainable agriculture, improve farmers' income, and reduce food insecurity? (5 marks)

15) Analyze the impact of the Make in India initiative on the manufacturing sector in India. How does it affect the domestic production, exports, and job creation in the manufacturing sector? (5 marks)

16) Discuss the role of financial inclusion in promoting economic development in India. How can financial inclusion policies be used to promote savings, investment, and entrepreneurship among the financially excluded population? (5 marks)

*Add on Cell*

*St. Michael's College, Cherthala*

*Mark List (2021-22)*

*Discipline: Economics*

*Course Title: Applied Economic Analysis*

*Date of Examination: 8-03-2022 Maximum Marks: 30*

<i>Sl. No.</i>	<i>Candidate Code</i>	<i>Name of the candidate</i>	<i>Marks Obtained</i>	<i>Percentage of Marks</i>	<i>Grade</i>
1	15019136001	ABIYA SEBASTIAN	22	73.33	B
2	15019136002	ANN MARIA C J	20	66.67	C
3	15019136003	ANNIE HELGI A A	23	76.67	B
4	15019136004	DANY JJO	22	73.33	B
5	15019136005	DEVIKA DEVADAS	24	80.00	A
6	15019136006	LIBIYA P MICHAEL	19	63.33	C
7	15019136007	MANU. A	15	50.00	D
8	15019136008	NEETHU KRISHNA .T.P	22	73.33	B
9	15019136009	NIMISHA PAUL	23	76.67	B
10	15019136010	RADHIKA K G	26	86.67	A
11	15019136011	RAHUL. B	17	56.67	D
12	15019136012	SINTA THOMAS	19	63.33	C
13	15019136013	UNNIKRISHNAN S	16	53.33	D
14	15019136014	VERONICA THOMAS	25	83.33	A
15	15019136015	VIGNESWARAN S	16	53.33	D
16	15019136016	VINAY THOMAS	28	93.33	A+
17	15019136017	AATHIRA.S	29	96.67	A+
18	15019136018	ABIN JOSEPH	25	83.33	A

19	15019136019	ADARSH K G	15	50.00	D
20	15019136020	ADHEENA K. S	19	63.33	C
21	15019136021	AKSHAY K ASHOK	17	56.67	D
22	15019136023	ALAN ALESTAR	17	56.67	D
23	15019136025	AMAYA K T	19	63.33	C
24	15019136027	ANJALI DAS	18	60.00	C
25	15019136028	ANJALI RAJU	19	63.33	C
26	15019136029	ANTONY SEBASTIAN	22	73.33	B
27	15019136030	ANUGRAHA	26	86.67	A
28	15019136031	APARNA N	20	66.67	C
29	15019136032	ARJUN BABU	18	60.00	C
30	15019136033	ASHIK T DOMINIC	17	56.67	D
31	15019136034	ASHLIN K JOY	17	56.67	D
32	15019136035	ASHNA JOSEPH	19	63.33	C
33	15019136036	ASWIN. K.K	16	53.33	D
34	15019136037	DEVIMOL K.S	21	70.00	B
35	15019136038	HARISH ARAVINDAKSHAN	17	56.67	D
36	15019136039	JERIN FELIX	18	60.00	C
37	15019136040	JOBIN JOSEPH	24	80.00	A
38	15019136041	JOMON T. U.	22	73.33	B
39	15019136042	KRISHNADAS P	18	60.00	C
40	15019136043	LEKSHMI K P	21	70.00	B
41	15019136045	MARY JOSNA P J	22	73.33	B
42	15019136047	NOEL K B	23	76.67	B
43	15019136048	PRINCY SIBI	18	60.00	C
44	15019136049	RENNY. P. THOMAS	23	76.67	B
45	15019136050	RHINE JESSY JOSE	29	96.67	A+
46	15019136051	ROSHAN SAM ABY	19	63.33	C
47	15019136053	SAMBATH.P.V.	16	53.33	D

48	15019136056	SHIPHY K. SEBASTIAN	19	63.33	C
49	15019136057	SNEHA K Y	26	86.67	A
50	15019136058	SOUNDHARYA JOSEPH	24	80.00	A
51	15019136059	SREERAJ K	22	73.33	B
52	15019136060	STEPHY JOSEPH	21	70.00	B
53	15019136061	SUBINA.S	18	60.00	C



**ST. MICHAEL'S COLLEGE**

**CHERTHALA, ALAPPUZHA - 688 539**

(Affiliated to University of Kerala and Re-accredited by NAAC with 'A' Grade)

## **ADD-ON COURSE CERTIFICATE**

*This is to certify that* **Mr. RAHUL. B (15019136011)**  
*B A Economics 2019 Admission* .....*has completed*  
*Certificate/Add-on course in* **Applied Economics Analysis (EC 204)**  
 ..... *offered by the Department of Economics*  
*during the academic year 2021-2022. He/She is awarded with* .....**A**..... *Grade.*

**Head of the Department**

**Course Coordinator**

**Principal**



**St. Michael's College, Cherthala**  
**Add-on Course on Applied Economic Analysis**

**Report**

The Add-on Course 'Applied Economic Analysis' conducted by the Department of Economics, St. Michael's College, Cherthala aimed to provide participants with practical knowledge, tools and methodologies to analyse and evaluate economic phenomena in real-world scenarios. The course aims to enhance critical thinking and analytical skills in economic decision making.

The syllabus includes topics Microeconomic applications, Macroeconomic applications, Applied econometrics and Applications in specific industries/sectors like Healthcare economic policy, Energy and environmental economics, etc. The course format includes lectures, group discussions, case studies and hands in projects.

A total number of 53 final year BA Economics students enrolled in the course and all of them successfully completed the course. Out of the 53 students, three of them secured A+ grade, eight A, Fourteen B, Sixteen C and Twelve D grade. Prof. Riju Gregory and Dr. Antony Kurakose P. handled classes. An evaluation was conducted at the end and all students were given certificate indicating their grade.



  
Principal  
St. Michael's College  
Cherthala