**Sacred Heart College (Autonomous)** 

**Department of Economics** 

# MA ECONOMICS

Course plan

Academic Year: 2016 - 17

Semester I

PROGRAMME	MASTER OF ECONOMICS	SEMESTER	1
COURSE CODE AND TITLE	16P1ECOT01 : MICROECONOMIC THEORY- 1	CREDIT	4
HOURS/WEEK	5	HOURS/SEM	90
FACULTY NAME	Dr. MADHUSUDHANAN NAIR M S		

#### **COURSE OBJECTIVES**

To take rational buying decisions and also help a firm to design suitable marketing strategies

To equip with the knowledge and skill in effective decision making under uncertain market situations, and also understands the importance of time allocation and household management

To develop the skill in analyzing business phenomena in terms of transaction cost saving.

To discuss the economic level of information search possible under different situations and the concept of bounded rationality

To understand economies of scope and learning curves and help in analyzing the nature and functioning of modern multiproduct firms

SESSION	TOPIC	LEARNING RESOURCES	VALUE ADDITIONS	REMARKS
	MODULE I	1		
1	Demand functions	PPT/ Lecture	video	
2	Demand functions	PPT/Lecture		
3	Cobb-Douglas preferences	PPT/Lecture	video	
4	Quasilinear preferences	PPT/Lecture	e-resource	
5	Hicksian revision of demand theory	PPT/Lecture		
6	Hicksian revision of demand theory	PPT/Lecture		
7	Pragmatic approach and Linear expenditure system	Lecture		
8	Pragmatic approach and Linear expenditure system	Lecture		
9	Pragmatic approach and Linear expenditure system	Lecture		
10	Constant elasticity demand function	Lecture		
11	Dynamic versions of demand	Lecture		
12	Duality theory: Expenditure function	PPT/Lecture		
13	Duality theory: Expenditure function	PPT/Lecture		
14	The indirect utility function	PPT/Lecture		
15	Roy's identity and the Slutsky Equation	PPT/Lecture		
16	Homothetic utility functions	PPT	e-resource	
17	Homothetic utility functions	PPT	e-resource	

18	Household Time Allocation model of	PPT/Lecture		
	Garry S.Becker			
19	Characteristics model of Kelvin Lancaster	Lecture	video	
20	Characteristics model of Kelvin Lecture vide		video	
21	Revision			
21	Revision			
	MODULE II			
23	The St. Petersburg Paradox and	PPT/Lecture		
23	Bernoullian Hypothesis	111/Lecture		
24	The St. Petersburg Paradox and	PPT/Lecture		
27	Bernoullian Hypothesis	111/Lecture		
25	Neumann and Morgenstern theory	PPT /Lecture		
25	Expected utility function			
20	Preferences towards risk			
27		PPT /Lecture	Video	
	Risk averse, risk loving & risk neutral		Video	
29	Risk averse, risk loving & risk neutral	PPT /Lecture		
30	Gambling and insurance	Lecture		
31	Risk aversion and insurance	PPT/Lecture		
32	Friedman and Savage hypothesis	PPT/Lecture	e- resource	
33	Friedman and Savage hypothesis	PPT/Lecture		
34	Markowitz hypothesis	Lecture		
35	Markowitz hypothesis	Lecture		
36	Armstrong's theory of marginal preference	Lecture		
37	Behavioural economics	Lecture		
38	Behavioural economics	Lecture		
39	Behavioural economics	Lecture	Group Discussion	
40	Revision			
41	Revision			
42	Revision			
43	С	IA-1		
	MODULE III			
44	Homogeneous production function	PPT/Lecture		
45	Non-homogeneous production function	PPT/Lecture		
46	Non-homogeneous production function	PPT/Lecture		
	Technical progress and production	PPT/Lecture		
47	function			
	Cobb Douglas, CES and VES	Lecture	Quiz	
48	production function			
	Cobb Douglas, CES and VES	Lecture	Quiz	
49	production function			
50	VES (Variable Elasticity Substitution)	Lecture		
	Trans log Production functions and their	Lecture	Q & Ans	
51	properties		Session	
	Trans log Production functions and their	Lecture	Q & Ans	
52	properties		Session	

choice of optimum combination of factors   9     54   Equilibrium of a multiproduct firm   PPT/Lecture     55   Equilibrium of a multiproduct firm   PPT/Lecture     56   Traditional theory of cost   PPT/Lecture     57   Modern theory of cost   PPT/Lecture     58   Modern theory of cost   PPT/Lecture     59   production functions   1     60   Engineering cost   PPT/Lecture     61   scope   1     62   scope   1     63   Learning curve   PPT/Lecture     64   Empirical evidence on cost   PPT/Lecture     65   Revision   1   1     66   Revision   1   1     67   Nature of the firm   1   1     68   Boundaries of the firm   1   1     69   Boundaries of the firm   1   1     70   Coase theorem   1   1     71   Williamson   1   1   1     73   CIA - II   1   1   1     74		Equilibrium of a single product firm:	PPT/Lecture		
53   factors   PT/Lecture     54   Equilibrium of a multiproduct firm   PPT/Lecture   Demo video     55   Equilibrium of a multiproduct firm   PPT/Lecture   Demo video     56   Traditional theory of cost   PPT/Lecture   Emo video     57   Modern theory of cost   PPT/Lecture   Emo video     58   Modern theory of cost   PPT/Lecture   Emo video     59   production functions   Lecture   Economics of scale and economics of     60   Engineering cost   PPT/Lecture   Economics of scale and economics of     61   scope   PPT/Lecture   Economics of scale and economics of     62   scope   PPT/Lecture   Economics of scale and economics of     63   Learning curve   PPT/Lecture   Economics of scale and economics of     64   Empirical evidence on cost   PPT/Lecture   Economics of scale and economics of     66   Revision   Image: State S					
55   Equilibrium of a multiproduct firm   PPT/Lecture   Demo video     56   Traditional theory of cost   PPT/Lecture   PPT/Lecture     57   Modern theory of cost   PPT/Lecture   PPT/Lecture     58   Modern theory of cost   PPT/Lecture   PPT/Lecture     59   production functions   PPT/Lecture   PPT/Lecture     60   Engineering cost   PPT/Lecture   PPT/Lecture     61   scope   PPT/Lecture   PPT/Lecture     62   scope   PPT/Lecture   PPT/Lecture     63   Learning curve   PPT/Lecture   PPT/Lecture     64   Empirical evidence on cost   PPT/Lecture   PPT/Lecture     65   Revision   Image: PPT/Lecture   Image: PPT/Lecture     66   Revision   Image: PPT/Lecture   Image: PPT/Lecture     68   Boundaries of the firm   Image: PPT/Lecture   Image: PPT/Lecture     70   Coase theorem   Video   PPT/Lecture     71   Williamson   Image: PPT/Lecture   Image: PPT/Lecture     73   CIA - II   Image: PPT/Lecture   Image: PPT/Lecture	53				
55   Equilibrium of a multiproduct firm   PPT/Lecture   Demo video     56   Traditional theory of cost   PPT/Lecture   PPT/Lecture     57   Modern theory of cost   PPT/Lecture   PPT/Lecture     58   Modern theory of cost   PPT/Lecture   PPT/Lecture     59   production functions   PPT/Lecture   PPT/Lecture     60   Engineering cost   PPT/Lecture   PPT/Lecture     61   scope   PPT/Lecture   PPT/Lecture     62   scope   PPT/Lecture   PPT/Lecture     63   Learning curve   PPT/Lecture   PPT/Lecture     64   Empirical evidence on cost   PPT/Lecture   PPT/Lecture     65   Revision   Image: PPT/Lecture   Image: PPT/Lecture     66   Revision   Image: PPT/Lecture   Image: PPT/Lecture     68   Boundaries of the firm   Image: PPT/Lecture   Image: PPT/Lecture     70   Coase theorem   Video   PPT/Lecture     71   Williamson   Image: PPT/Lecture   Image: PPT/Lecture     73   CIA - II   Image: PPT/Lecture   Image: PPT/Lecture	54	Equilibrium of a multiproduct firm	PPT/Lecture		
56   Traditional theory of cost   PPT/Lecture     57   Modern theory of cost   PPT/Lecture     58   Modern theory of cost   PPT/Lecture     59   Derivation of cost functions from   Lecture     60   Engineering cost   PPT/Lecture     61   scope   PPT/Lecture     62   scope   PPT/Lecture     63   Learning curve   PPT/Lecture     64   Empirical evidence on cost   PPT/Lecture     65   Revision   0     66   Revision   0     67   Nature of the firm   PPT/Lecture     68   Boundaries of the firm   0     69   Boundaries of the firm   0     70   Coase theorem   Video     71   Williamson   PPT/Lecture     73   CIA - II   Team production approach by     74   ArmenAlchian and Harold Demsetz   PT/Lecture     75   ArmenAlchian and Harold Demsetz   7     76   Markets with asymmetric information   PPT/Lecture     78   Markets with asymmetric information   PPT/Lecture	55		PPT/Lecture	Demo video	
58   Modern theory of cost   PPT/Lecture     Derivation of cost functions from   Lecture     59   production functions     60   Engineering cost   PPT/Lecture     Economics of scale and economics of   PPT/Lecture     61   scope   PPT/Lecture     62   scope   PPT/Lecture     63   Learning curve   PPT/Lecture     64   Empirical evidence on cost   PPT/Lecture     65   Revision   PPT/Lecture     66   Revision   PPT/Lecture     67   Nature of the firm   PPT/Lecture     68   Boundaries of the firm   PPT/Lecture     69   Boundaries of the firm   PPT/Lecture     70   Coase theorem   Video     71   Williamson   PPT/Lecture     73   CIA - II   Team production approach of     74   ArmenAlchian and Harold Demsetz   PPT/Lecture     75   ArmenAlchian and Harold Demsetz   PT/Lecture     76   Markets with asymmetric information   PPT/Lecture     77   Markets with asymmetric information   PPT/Lecture </td <td>56</td> <td>Traditional theory of cost</td> <td>PPT/Lecture</td> <td></td> <td></td>	56	Traditional theory of cost	PPT/Lecture		
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60   Engineering cost   PPT/Lecture     Economics of scale and economics of   PPT/Lecture     61   scope     62   scope     63   Learning curve   PPT/Lecture     64   Empirical evidence on cost   PPT/Lecture     65   Revision	59				
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62   scope   PT/Lecture     63   Learning curve   PPT/Lecture     64   Empirical evidence on cost   PPT/Lecture     65   Revision   Image: Comparison of the firm     66   Revision   Image: Comparison of the firm     67   Nature of the firm   PPT/Lecture     68   Boundaries of the firm   Image: Comparison of the firm     69   Boundaries of the firm   Image: Comparison of the firm     70   Coase theorem   Video     71   Williamson   PPT/Lecture     72   Williamson   PPT/Lecture     73   CIA - II     74   ArmenAlchian and Harold Demsetz   PPT/Lecture     75   ArmenAlchian and Harold Demsetz   PT/Lecture     76   Markets with asymmetric information   PPT/Lecture     77   Markets with asymmetric information   PPT/Lecture     78   Markets with asymmetric information   PPT/Lecture	61	scope			
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64   Empirical evidence on cost   PPT/Lecture     65   Revision	62	scope			
65   Revision   Image: constraint of the symmetric information   Image: constraint of the symmetric information     66   Revision   Image: constraint of the symmetric information   Image: constraint of the symmetric information     67   Nature of the firm   Image: constraint of the symmetric information   Image: constraint of the symmetric information     68   Boundaries of the firm   Image: constraint of the symmetric information   Image: constraint of the symmetric information     69   Boundaries of the firm   Image: constraint of the symmetric information   Image: constraint of the symmetric information     70   Coase theorem   Video   Image: constraint of the symmetric information     71   Williamson   Image: constraint of the symmetric information   Image: constraint of the symmetric information     73   Image: constraint of the symmetric information   Image: constraint of the symmetric information   Image: constraint of the symmetric information     76   Markets with asymmetric information   Image: constraint of the symmetric information   Image: constraint of the symmetric information     78   Markets with asymmetric information   Image: constraint of the symmetric information   Image: constraint of the symmetric information	63	Learning curve	PPT/Lecture		
66   Revision   MODULE IV     MODULE IV     67   Nature of the firm   PPT/Lecture     68   Boundaries of the firm   Image: Colspan="2">Optimized for the firm     69   Boundaries of the firm   Image: Colspan="2">Optimized for the firm     70   Coase theorem   Video     71   Williamson   PPT/Lecture     72   Williamson   PPT/Lecture     73   CIA - II     74   ArmenAlchian and Harold Demsetz   PPT/Lecture     75   ArmenAlchian and Harold Demsetz   PPT/Lecture     76   Markets with asymmetric information   PPT/Lecture     77   Markets with asymmetric information   PPT/Lecture     78   Markets with asymmetric information   PPT/Lecture	64	Empirical evidence on cost	PPT/Lecture		
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77Markets with asymmetric informationPPT/Lecture78Markets with asymmetric informationPPT/Lecture			DDT/Lecture		
78 Markets with asymmetric information PPT/Lecture					
	79	Market for lemons	PPT/Lecture	Video	
80 Adverse selection- moral hazard PPT/Lecture					
81 Market signaling PPT/Lecture		Market signaling	PPT/Lecture		
81 Provide Systems   82 Market signaling   PPT/Lecture					
83 Market signaling PPT/Lecture					
84 Principal agent problem Lecture					
85 Principal agent problem Lecture					
Agency theory Lecture Group	05			Group	
86 Discussion	86			-	
87 - 90 revision	87 - 90	revision	1		

# INDIVIDUAL ASSIGNMENTS/SEMINAR – Details & Guidelines

		Topic of Assignment & Nature of
	Date of	assignment (Individual/Group –
	completion	Written/Presentation - Graded or Non-graded
		etc)
1	16/08/2016	Analyse consumer decision making under
1	10/08/2010	uncertainty and risk.
2	2/09/2016	Network Externalities

## **GROUP ASSIGNMENTS/ACTIVITES – Details & Guidelines**

		Topic of Assignment & Nature of	
	Date of	assignment (Individual/Group –	
	completion	Written/Presentation - Graded or Non-graded	
		etc)	
		The role of insurance and gambling in	
1	11/10/2016	allocating risk over time (Debate or Group	
		Discussion)	

## References

- Koutsoyiannis A. (1979), Microeconomic Theory (2nd edition), Macmillan, London (Chapter 2, 3, 4)
- 2. Hal R.Varian- Intermediate microeconomics A Modern Approach, East-West Press Pvt.Ltd, New Delhi, 2010
- 3. Pindyck and Rubinfeld(2006) Microeconomics, Prentice Hall of India Ltd, New Delhi, (Chapter 4,5,7)

# Web resource references:

• <u>https://www.thoughtco.com/online-microeconomics-textbook-1147732</u>

PROGRAMME	MASTER OF ECONOMICS	SEMESTER	1
COURSE CODE AND TITLE	16P1ECOT02: MACRO ECONOMICS	CREDIT	4
HOURS/WEEK	5	HOURS/SEM	90
FACULTY NAME	Dr. K V Raju		

## COURSE OBJECTIVES

To evaluates Keynesian Income Expenditure model up to four sectors

To understand the IS-LM model up to four sectors

To understand the concept of consumption and consumption functions and evaluate various consumption theories

To develop an understanding about the concept and types of investment and Compares Keynesian and Post-Keynesian investment theories

To understand the concept and theories of trade cycle

To analyse global recession and its policy implications

SESSION	ΤΟΡΙΟ	LEARNING RESOURCES	VALUE ADDITIONS	REMARKS
	MODULE I			
1.	Introduction to Keynesian economics	PPT/Lecture		
2.	Keynesian income expenditure model-Introduction	PPT/Lecture		
3.	Keynesian 2 sector model	PPT/Lecture		
4.	Investment multiplier and change in income	PPT/Lecture		
5.	Problem solving session	Lecture/discussion		
6.	Keynesian 3 sector model	PPT/Lecture		
7.	Multipliers –tax multiplier, government expenditure multiplier, balanced budget multiplier	Lecture		
8.	Multipliers –tax multiplier, government expenditure multiplier, balanced budget multiplier	Lecture		
9.	Problem solving session	Lecture/discussion		
10.	Keynesian four sector model- foreign trade multiplier	Lecture		
11.	Keynesian four sector model- foreign trade multiplier	Lecture		

12.	Problem solving session	Lecture/discussion	
12.	IS –LM model-Derivation of IS	PPT/Lecture	
15.	curve		
14.	IS –LM model-Derivation of LM	PPT/Lecture	
11,	curve		
15.	General equilibrium	PPT/Lecture	
16.	Keynesian range, intermediate range		
101	and classical range		
17.	Effectiveness of Fiscal policy using	PPT/Lecture	
	IS LM model		
18.	Effectiveness of monetary policy	PPT/Lecture	
	using IS LM model		
19.	AD-AS Curves framework with	PPT/Lecture	
	Price and income axis		
20.	AD-AS Curves framework with	PPT/Lecture	
	Price and income axis-discussion		
21.	Mundell-Fleming Open Economy	PPT/Lecture	
	model-Introduction		 
22.	Mundell-Fleming Open Economy	PPT/Lecture	
22	model		
23.	Effectiveness of monetary and fiscal	PP1/Lecture	
24	policy Karrier Effect		
24.	Keynes Effect	PPT/Lecture	
25.	Pigou Effect External effect	PPT/Lecture	
26.		PPT/Lecture	
27. 28.	Ricardian Equivalence	PPT/Lecture	
28.	Seminar		
30.			
	seminar MODULE II		
21		DDT/L a sture	
31.	Introduction to consumption	PPT/Lecture	
32.	Consumption function	PPT/Lecture	
33.	Keynesian consumption function	PPT/Lecture	
34.	Kuznet's consumption puzzle	PPT/Lecture	 
35.	Fishers model of inter-temporal	PPT/Lecture	
26	choice	DDT/L a atuma	
36.	Fishers model of inter-temporal choice	PPT/Lecture	
37.	Relative income hypothesis	PPT/Lecture	
37.	Relative income hypothesis	PPT/Lecture	
<u> </u>	Permanent income hypothesis	PPT/Lecture	
40.	Permanent income hypothesis	PPT/Lecture	 
40.	Life cycle hypothesis	PPT/Lecture	
41.	Life cycle hypothesis	PPT/Lecture	
42.	Policy implications of consumption	PPT/Lecture	 
+3.	theories		
44.	Consumption under uncertainty	PPT/Lecture	
45.	Consumption under uncertainty	PPT/Lecture	
46.	Modern approach to consumption	PPT/Lecture	

47.	Modern approach to consumption	PPT/Lecture
47.	Seminar	
48.	Seminar	
50.	revision	
50.	MODULE III	
51.	Introduction to investment theory	PPT/Lecture
52.	Investment function	PPT/Lecture
53.	Neo classical theory of investment	PPT/Lecture
54.	Neo classical theory of investment	PPT/Lecture
55.	Keynesian theory of investment	PPT/Lecture
56.	Keynesian theory of investment	PPT/Lecture
	Post Keynesian theory of	PPT/Lecture
57.	investment	
	Post Keynesian theory of	PPT/Lecture
58.	investment	
	Neo-Keynesian Theories of	PPT/Lecture
59.	Investment	
	Neo-Keynesian Theories of	PPT/Lecture
60.	Investment	
- 1	Compares Keynesian and post	PPT/Lecture
61.	Keynesian theory of investment	
62.	MEC, MEI and accelerator theory	PPT/Lecture
63.	Tobin's q ratio	PPT/Lecture
64.	Introduction to labour market	PPT/Lecture
65.	Classical labour market	PPT/Lecture
66.	Keynesian labour market	PPT/Lecture
67.	Search theories	discussion
68.	DMP model	PPT/Lecture
<u>69.</u>	Seminar	
70.	Seminar	
71.	Introduction to trade cycles	PPT/Lecture
	Multiplier accelerator interactions	PPT/Lecture
72.	model	DDT/L a sturre
72	Multiplier accelerator interactions model	PPT/Lecture
73.	Samuelson business cycle model	PPT/Lecture
74.	Samuelson business cycle model	PPT/Lecture
75.	•	PPT/Lecture PPT/Lecture
76.	Hicks business cycle model	
77.	Hicks business cycle model	PPT/Lecture
78.	Kaldor business cycle model	PPT/Lecture
79.	Kaldor business cycle model	PPT/Lecture
_	William Nordhaus political	PPT/Lecture
80.	business cycle	
01	William Nordhaus political	PPT/Lecture
81.	business cycle	DDT/L a sturre
82.	Evaluation of trade cycle theories	PPT/Lecture

83.	Economic recession 2008-12	PPT/Lecture	
84.	Policy measures	PPT/Lecture	
85.	Seminar	PPT/Lecture	
86.	Seminar	PPT/Lecture	
87.	Seminar	PPT/Lecture	
88.	seminar	PPT/Lecture	
89.	Seminar	PPT/Lecture	
90.	seminar	PPT/Lecture	

## INDIVIDUAL ASSIGNMENTS/SEMINAR – Details & Guidelines

		Topic of Assignment & Nature of
	Date of	assignment (Individual/Group –
	completion	Written/Presentation - Graded or Non-graded
		etc)
1	20/07/2016	Mundell Fleming Model
2	15/09/2016	Trade cycle theories

#### **REFERENCES:-**

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3. Kamran Dadkhah (2010): The Evolution of Macroeconomic Theory and Policy, Springer, London

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4. Brendan Sheehan (2009) Understanding Keynes' General Theory, Palgrave, London.

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13 Andrew B. Abel and Ben S. Bernanke (2010): Macroeconomics, Pearson, New Delhi

14 Farrokh K. Langdana: (2009): Macroeconomic Policy: Demystifying Monetary and Fiscal Policy Second edition, Springer, Langdana, Farookh.

15 Olivier Blanchard (2011): Macroeconomics 4th Ed-Pearson, Singapore.

16. .M G Mueller Ed (1988): Reading in Macroeconomics. Surjeet Publications, New Delhi.

17. Samuelson and NordhausWilliam.D: Macroeconomics, TMH, New Delhi

18. Stanley Bober (1979 and Digital edition2010): Economics of Cycles and Growth, Witely, Orient Blackswan, New Delhi.

19. William. S. Brown(1988): Macroeconomics, Prentice Hall International Editions.

PROGRAMME	MASTER OF ARTS - ECONOMICS	SEMESTER	1		
COURSE CODE AND TITLE	16P1ECOT03 – INDIAN ECONOMY: ISSUES AND POLICIES – I	CREDIT	4		
HOURS/WEEK	5	HOURS/SEM	90		
FACULTY NAME	Dr. Siby Abraham, Anaida Ann	Jacob			
	Course Objectives				
	,				
To understand econor	nic growth of the country and to analyze th	e contribution of	each		
sectors to income out	put and employment.				
To understand the nat	ture of economic planning, reforms initiativ	es and the signifi	cance		
of NITI Aayog in Ind		U			
To understand the importance of agriculture in Indian economy and evaluate the role of					
	the international trade.				
	f industries in accelerating economic growt	h and to analyze	the		
trends in industrial productivity.					
i	To understand the role played by service sector in employment generation and				
economic developme					

SESSION	ΤΟΡΙΟ	LEARNING RESOURCES	VALUE ADDITIONS	REMARKS
	MODULE I		• •	
1	Data base of the Indian economy	PPT		
2	Economic growth in the post- independence era	PPT/Lecture	Quiz	
2	Indian Economy – emerging structure	PPT/Lecture		
2	Contribution of different sectors to output, employment and income	PPT/Lecture		
2	Growth across regions, state	PPT/Lecture		
2	National Income – meaning, concepts	PPT/Lecture		
2	Methodological issues in NI estimation	Lecture	Video	
1	Saving & investment – trend and pattern	Lecture		
1	Role of institutions in India's economic progress	Lecture		
1	State vs markets	PPT/Lecture		
4	Planning – objectives, strategies	Lecture		
2	NITI Aayog: role, functions	Lecture		
4	Economic Reforms in the early 90s: LPG	Lecture	Quiz	
1	Second Generation Economic Reforms	Lecture		
1	Inclusive growth, recent policy initiatives	PPT/Lecture		
2	India in a globalized world	PPT/Lecture		
1	Revision	Lecture		
1	Question paper discussion	PPT/Lecture		
3	Seminar sessions			

	MODULE II		
2	Performance of agriculture since	PPT/Lecture	
-	independence, across crops and zones		
1	Farm Size and Productivity	Lecture	
2	Agriculture inputs, Technological	Lecture	
	Change in Agriculture.		
2	New agricultural policy, Sustenance of	Lecture	
	Agriculture Growth		
2	Agriculture Finance, Credit, Role of Co-	PPT/Lecture	Video
	operatives		
2	Agriculture Marketing, Pricing	PPT/Lecture	
1	WTO, Impact on Agriculture	PPT/Lecture	
2	Agrarian Crisis- Food Security	PPT/Lecture	
2	Terms of Trade between agriculture &	Lecture	
	industry.		
1	CIA - 1		
1	Revision	PPT	
2	Seminar session	PPT	
	MODULE III		
	Growth and pattern of industrial	PPT/Lecture	
1	development		
C	Industrial stagnation – old and new debates	PPT/Lecture	
$\frac{2}{2}$	Industrial productivity	PPT/Lecture	Quiz
2	Industrial financing	Lecture	Quiz
2	Industrial policies	Lecture	
2	Privatization and disinvestment	PPT/Lecture	Video
2	Cottage & small-scale industries	PPT/Lecture	Video
1	Globalization & technology transfer	Lecture	
1	Special economic zones	Lecture	
2	CIA - II	PPT/Lecture	
1	Question paper discussion	Lecture	
2	Seminar sessions	PPT/Lecture	
Δ.			
	MODULE		1
2	Sources of service sector growth	Lecture	
2	Infrastructure, physical and social:	PPT	
3	status and policies	T a adaptive	X7: 1
2	Transport, Energy & Telecommunication	Lecture	Video
	Technology, Information Technology	Lecture	
2			
1	Research & development	PPT/Lecture	
2	Health and education	PPT/Lecture	
2	Seminar sessions	Lecture	
1	Revision	PPT/Lecture	
Total =			
90			
sessions			

## INDIVIDUAL ASSIGNMENTS/SEMINAR – Details & Guidelines

	Date of completion	Topic of Assignment & Nature of assignment (Individual/Group – Written/Presentation – Graded or non- graded etc)	
1	06/10/2016	National Income Concepts: Definition, Methods, Limitations	
2	27/09/2016	Trends in Agricultural Productivity in India Since Independence.	

## **GROUP ASSIGNMENTS/ACTIVITES – Details & Guidelines**

	Date of completion	Topic of Assignment & Nature of assignment (Individual/Group – Written/Presentation – Graded or non- graded etc)	
1	10/10/2016	Status of Economic and Social Infrastructure in India	

## References

1. Acharya Shanker, Mohan Rakesh (Eds) (2011): India's Economy: Performance and Challenges- Oxford University Press, New Delhi.

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PROGRAMME	MA ECONOMICS	SEMESTER	1
COURSE CODE AND TITLE	16P1ECOT04: ECONOMICS OF DEVELOPMENT AND GROWTH- I	CREDIT	4
HOURS/WEEK	5	HOURS/SEM	90
FACULTY NAME	VINIL K V, SIBY ABRAHAM		

#### **COURSE OBJECTIVES**

To develop conceptual clarity on the various dimensions of development

To enable the student to evolve new strategies for achieving sustainable development and inclusive growth

To examine the factors which perpetuate underdevelopment in the developing countries

To critically evaluate alternative theories of growth

To examine the interdependence between population and development in an economy.

SESSION	TOPIC	LEARNING RESOURCES	VALUE ADDITIONS	REMARKS
	Module	Ι		
1-2	Economic Development and Economic	Lecture	Online	
	Growth		resource	
3-4	Perpetuation of underdevelopment-	PPT/Lecture	Research article	
5-6	vicious circle of poverty Sustainable development	PPT/Lecture	article	
	*			
7	Current trends in Development Economics	Lecture		
8-10	International interdependence and	PPT/Lecture	Online	
	globalization		resource	
11-12	Dimensions of development gap	Lecture		
13	Human Development Index			
14	Human Poverty Index, Multi- dimensional Poverty Index			
15	Gender related Development Indices			
16	Capability and Entitlement approach- Development as freedom			
17	Basic needs approach.			
	Module	II		
18	Sector thesis	Lecture		
19-20	Rostow's stages of growth	PPT/Lecture		
21-22	Kaldor's growth laws	PPT/Lecture	Online resource	
23-24	Cumulative causation	PPT/Lecture	Research article	
25-26	International inequality	PPT/Lecture	Research article	

27-28	Centre-periphery thesis	PPT/Lecture	
29-30	Measures of Poverty and inequality.		
31	CIA I		
	Module l	II	
32-33	Classical theories of Development	Lecture	Online resource
34-35	Keynesian theory of development	Lecture	Research article
36-38	Marxian Theory of development	Lecture	Online resource
39-40	Schumpeter's Theory on development	Lecture	Research article
	Module l	ĪV	
41-43	Human capital and development	Lecture	
49-50	Population Growth and development	Lecture	Research article
51-52	The concept of optimum population	Lecture	Online resource
53-54	Education and investment in human capital	Lecture	Online resource
55-56	Gender gap in development	Lecture	Research article
57-58	Development of social and economic infrastructure	Lecture	
59-61	Strategies for improving education and employment	Lecture	
62-65	Social engineering and inclusive growth	Lecture	Research article
66	CIA II		
67-72	Seminars		

## **INDIVIDUAL ASSIGNMENTS**

	Topic of Assignment		
1	Analyse the situation of poverty and inequality in India		
2	Examine the situation of demographic dividend in India. Suggest to measures		
	to capture the benefits of demographic dividend.		

## References

- 1. Ray Debraj : Development Economics, Oxford, University Press 1999
- 2. Meier M. Gerald and Rauch: Leading issues in Economic Development Oxford University Press.(2000)
- 3. Thirlwall. A: Growth and Development with special Reference to developing economies Palgrave Macmillan (2009)
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- 5. Todaro M.P.: Economic development in the third Word. (4th Edition 1991) Longman, Singapore.

PROGRAMME	MA ECONOMICS	SEMESTER	1
COURSE CODE AND TITLE	16P1ECOT05 : QUANTITATIVE TOOLS FOR ECONOMIC ANALYSIS	CREDIT	4
HOURS/WEEK	5	HOURS/SE M	90
FACULTY NAME	Dr.Lakshmipriya R		

## **COURSE OBJECTIVES**

To understand Vectors, Matrices and their applications in Economics

To know about sets, functions and continuity, sequence, series, Limit of a function, Derivative of a function, Rules of differentiation, Difference and Differential equations with Applications.

To know Lagrange multiplier method. Marginal rate of substitution.Homogeneous functions,Euler's theorem and its applications in economics.Cobb Douglas production function.

To know about Integral calculus

To know about Input –Output analysis.

SESSION	TOPIC	LEARNING RESOURCES	VALUE ADDITIONS	REMARKS
1	Bridge course (1)	PPT	video	
2	Introduction to Matrices	PPT/Lecture		
3	Different types of matrices and their properties	PPT/Lecture		
4	Problems	PPT/Lecture	e-resource	
5	Mathematical Operations on matrices	PPT/Lecture		
6	Mathematical Operations on matrices	PPT/Lecture		
7	Problems	Lecture		
8	Determinants of a matrix and problems	Lecture		
9	Minors and cofactors of a matrix	Lecture		
10	Inverse of a matrix and problems	Lecture		
11	Rank of a matrix	PPT/Lecture		
12	Problems	PPT/Lecture		
13	Solution of system of equations using invers matrix method and problems	PPT/Lecture		
14	Crammer's rule			

	Problems			
15	Introduction to differentiation	PPT/Lecture		
16	Application of differentiation in Economic theory	Lecture		
17	Problems	Lecture		
18	Price elasticity of demand	Lecture		
19	Problems	Lecture		
20	Relationship between MR, AR and Elasticity of demand	PPT/Lecture		
21	AC, MC and Elasticity of demand	PPT/Lecture		
22	Problems	PPT/Lecture		
23	Marginal propensity to consume and save	PPT/Lecture		
24	Maximum and minimum of a function	Lecture		
25	Questions	Lecture		
26	Partial derivatives			
27	Problems	Lecture		
28	Higher order partial derivatives and examples	Lecture		
29	Marginal utility	PPT/Lecture		
30	Marginal Productivity	PPT/Lecture		
31	Partial elasticity	PPT/Lecture		
32	Marginal rate of substitution			
	Problems			
33	Lagrange's Method	PPT/Lecture		
34	Homogeneous function	PPT/Lecture		
35	Cobb – Douglas production function	PPT/Lecture		
36	Integration Introduction	Lecture	Quiz	
37	Fundamental rules of integration	Lecture	Q & Ans Session	
38	Standard integration problems	PPT/Lecture		
39	Method of substitution	PPT/Lecture		
40	Problems	PPT/Lecture		
41	Integration by method of parts	PPT/Lecture		
42	Problems	Lecture		
43	Integration by partial fractions	PPT/Lecture		
44	Problems	PPT/Lecture		
45	Definite integrals	PPT/Lecture		
46	Problems	PPT/Lecture		
47	Application of integration in Economics	PPT/Lecture		
48	Derivation of TR function from MR function	PPT/Lecture		

49	Problems	PPT/Lecture	
	Derivation of TC function from MC	PPT/Lecture	
50	function		
51	Problems	PPT/Lecture	
52	Estimation of consumer's surplus	PPT/Lecture	Video
53	Estimation of producer'	PPT/Lecture	
54	Problems	PPT/Lecture	
55	Trapezoidal rule, Problem		
	Simplson's one third rule, Problem		
	Introduction to Linear Programming	Lecture	Debate
56	problem		
57	Graphical method for solving LPP	PPT/Lecture	
58	Questions	PPT/Lecture	
59	Simplex method	PPT/Lecture	
60	Problem solving	PPT/Lecture	
61	Dual, Duality theorem	PPT/Lecture	
62	Input Output Analysis	PPT/Lecture	
63 – 90	Revision		

## INDIVIDUAL ASSIGNMENTS/SEMINAR - Details & Guidelines

Sl. No	Module	Торіс	Nature of Assignment
1	1	Problems on Matrices	Moodle
2	2,3	Problems based on differential and integral calculus	written
3	4	Problems based on Linear programming problems	written
4		Question paper answering	written

## REFERENCES

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- P K Gupta, Manmohan and Kanti Swarup : Operations Research , S Chand and Company