्रा वसुधैव SYM	कुटुम्बकम् ॥ BIOSIS	Symbiosis College of Arts and Commerce (An Autonomous College Affiliated to University of Pune)													
Subject of	ode		Semester	Ι	II	III	IV	V	VI	M.A.	Ι	II	III	IV	
Title of S (For App BOS)	Subject proval by	Ad	Advanced Micro economics : Theory and Applications												
Objective	es	1. Comprehend the Principles essential for economic decision making													
			2. Study the inter-r	elatio	onsh	ip be	twee	n pri	ce an	d output	Deter	minat	ion.		
			3. Understand the	relati	onsł	nip be	twee	n ela	stici	ty and tin	ne for	both o	lema	nd	
			and supply.							•					
			4. Apply economi	c per	spec	tive t	o the	vari	lous i	ssues.					
			5. Analyze the cos	t and	reve	enue o	conce	epts (to tak	te better f	financ	ial decisions.			
			6. Reason accurate	ly an	d ob	ojectiv	vely t	he v	ariou	is econon	nic m	atter.			
			D	etaile	ed sy	llabu	S								
Unit			Conten	ts of	the	sylla	bus					Nu	ımbe Hour	r of rs	
1	1. <u>T</u>	heor	ries of the Firm :												
	Contents : 1.1 Objectives of Modern Firm 1.2 Baumol's Sales Revenue Maximisation Model 1.3 Marris Model of Managerial Enterprise 1.4 Hall & Hitch report, Full cost Pricing Rule 1.5 Bain's & Silos- Labini's Limit Pricing Theory 1.6. Simon's Satisficing Theory 1.7 Behavioural Theory of Cvert & March										16				
2	 2. Welfare Economics: Contents : 2.1 Pareto Optimal Conditions 2.2 Social Welfare Function- Compensation Principle 2.3 Inability to obtain optimum welfare- Market failure 2.4. Uncertainty & Incomplete Markets 2.5. Arrow's Impossibility Theorem 2.6 Pawl'a Theory of Justice 											16			
3	2.6. Rawl's Theory of Justice.3. Theory of DistributionContents :3.1 Neo-Classical Approach- Marginal Productivity Theory3.2 Theory of Distribution under Imperfect Product and Factor Markets3.3 Determination of Rent, Wages, Interest and Profit3.4 Macro Theories of Distribution-Ricardian, Marxian, Kaldor & Kalecki										14				

4	4. Economics of Uncertainty:	
	Contents :	
	4.1 Individual Behaviour towards Risk	
	4.2. Expected Utility and certain Equivalence Approaches	1.4
	4.3. Risk and Risk Aversion	14
	4.4 Game and Insurance	
	4.5 Economics of Insurance	
	4.6. Cost and Risk Spreading	
	Total Number of	60
	Hours	00
Suggeste	ed Reference Books	
1. C	Gravelle H. and Rees R. (2004), Microeconomics, 3 rd Edition, Pearson Education	Ltd. New
2 V	Villiam I Baumol and Alan H Blindr: Microeconomics- Principle and Policy 9 th	^h Edition
<u>2</u> . т	$\mathcal{O}_{\mathcal{O}}$ Dominick Salvatore: Principles of Microeconomics. Oxford University Press 5 th E	dition
4 B	Bach G L 1977) Economics Prentice Hall of India New Delhi	union.
5 V	Varian H (2000) Microeconomic Analysis WW Norton New York	
6. S	en, A. (1999) Microeconomics: Theory and Applications, Oxford University Pre	ss. New
	Delhi.	
7. 0	Gauld, J.P. and Edward P. L. (1996), Microeconomic Theory, Richard, Irwin, Hon	newood.
8. H	Ienderson J. and R.E. Ouandt (1980). Microeconomic Theory : A Mathematical	
A	Approach.McGraw Hill, New Delhi.	
9. H	Heathfield and Wibe (1987), An Introduction to Cost and Production	
F	Junctions, Macmillan, London.	
10. K	Koutsoyiannis, A. (1990), Modern Microeconomics, Macmillan.	
11. L	ipsey, R.G. and K.A. Chrystal (1999), Principles of Economics (9th Edition), Ox	ford
U	Iniversity Press, Oxford.	
12. N	Aansfield, E. (1997), Microeconomics (9th Edition), W.W. Norton and Company	,New York.
13. R	ay, N.C. (1975), An Introduction to Microeconomics, Macmillan Company of Ir	ndia Ltd.
E	Delhi.	
14. Ja	ames Gerber (2012) Microeconomics, Pearson Publication, New Delhi.	
15. N H	Aisra S.K. and V.K. Puri (2001) Advanced Microeconomc Theory, Himalaya Pub Jouse, New Delhi.	olishing
16. S	amuelson, P.A. and W.D. Nordhaus (1998), Economics, Tata McGraw Hill, Nev	v Delhi.
17. S	tonier, A.W. and D.C. Hague (1972), A Textbook of Economic Theory, ELBS &	Longman
C	Group, London	C
18. N	AcConnell & Brue – Economics Principles, Problems and Policies, McGraw Hill	Publication.
Suggeste	ed Journals	
1. B	Business & Economy.	
2. E	Economic & Political Weekly	

2. Economic & Political Weekly

∦ वसुधव SYMI	्र कुटुम्बकम् ॥ BIOSIS	Symbiosis College of Arts and Commerce (An Autonomous College Affiliated to University of Pune)													
Subject co	ode		Semester	Ι	II	III	IV	V	VI	M.A.	Ι	ΙΙ	III	IV	
Title of St	ubject					1		1	1				1	1	
(For Appr BOS)	roval by	N	IACRO EC	CON	IOM	IIC A	NAI	YSI	[S-2						
Objective Learning	s & Outcomes		1.To expo approach	ose s to th	tuder ie sul	nts to bject i	Macro matter	o Eco	onomi	c concepts	and	inculca	ate an	analy	rtical
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			4. To Stud	dy th	e int	er-rel	ations	ship k	betwe	en macroe	econo	omic ag	ggrega	ates a	nd its policy
		in	plications.												
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Unit	it Contents of the syllabus Number of Lectures														
					Con	tents	of the	sylla	inus						Lectures
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Suggested Reference Books

- Ackley, G. (1978), Macroeconomics : Theory and Policy, Macmillan, New York.
- Branson, W.A. (1989), Macroeconomic Theory and Policy, (3rd Edition), Harper and Row, New York.
- Dornbusch, R. and F. Stanley (1997), Macroeconomics, McGraw Hill, Inc., New York.
- Hall, R.E. and J.B. Taylor (1986), Macroeconomics, W.W. Norton, New York.
- Mankiw, N.G. and D. Romer (Eds.) (1991), New Keynesian Economics, (2 vols.), MIT Press, Cambridge.
- D"Souza, Errol (2008), Macroeconomics, Pearson Education, Delhi.
- Gupta R.D.andRana A.S. (1998): Post-Keynesian Economics, Kalyani Publishers, Ludhiana.
- Heijdra, B.J. and V.P. Fredericck (2001), Foundations of Modern macroeconomics, Oxford University Press, New Delhi.
- Jha, R (1991) : Contemporary Macro Economic theory and Policy, Wiley Eastern Ltd.,
- Jhingan, M.L.(1999) : Macro Economics
- Keynes, J.M (1936) : General Theory of Employment, Interest and Money
- Mithani D. M., Money, Banking, International trade and public finance, Himalaya Publications
- Mankiw, N. G., *Macroeconomics*, fifth edition, Worth Publishers, 2002
- Hall, E. and Taylor, J. B. Macroeconomics. W. W. Norton and Company, 1986
- Barro, R.J. *Macroeconomics*, Fifth edition, MIT Press 1997
- Abel A.B. & Bernanke B.S., Macroeconomics, Pearson Education
- Gupta S.B. (1994) Monetary Economics, S. Chand and Co. Delhi
- Samuelson P. A. &Nordhaus W. D., Economics, Tata Mcgraw Hill
- Shapiro E (1996) Macro Economic Analysis; Galgotia Publication, New Delhi
- Vaish M. C. (2002) Macro Economic Theory, Vikas Publishing House, N. Delhi

• Suggested Journals

- Economic Surveys: Various Issues
- Journals, World Development Reports, GOI Publications

्रा वसुधव SYMI	अत्र कुटुम्बकम् ॥ BIOSIS	Symbiosis College of Arts and Commerce (An Autonomous College Affiliated to University of Pune)													
Subject c	code		Semester	Ι	II	III	IV	V	VI	M.A.	Ι	II	III	IV	
Title of S	Subject														
(For Approval by BOS) STATISTICAL METHODS FOR ECONOMICS															
Objectives1. To provide essential knowledge of the theory and key properties of probability and random variables, and the application of these concep practical situations.2. To facilitate an understanding of the main branches of basic statistical inference, and to develop the ability to use statistical techniques to an data and assess the accuracy of the resulting estimates and conclusion 3. To introduce the fundamental concepts of statistical modelling, par linear regression models.4. This course should be of value to those intending to study any involving economic modelling or any further course in statistical									of oncepts in istical to analyse usions. , particularly y any course						
						Det	ailed	syll	abus						Number
Unit				C	onte	ents o	of the	e syll	abus						hours
1	Image: Contents of the syntholds Image: Contents of the syntholds Image: Contents of the syntholds Contents : 1.1 Concept of Probability – Various Types of Events: Classical and Empirical Definitions of Probability – 1.2 Laws of Addition and Multiplication of Probability (statements only) – Conditional Probability 1.3 Random variables (Discrete and Continuous) 1.4 Mathematical Expectations with theorems 1.5 Binomial, Poisson and Normal Distributions, definition, Properties (without proof), uses, and illustrations 1.6 Clubeleee bit is a bit of bit is filled.										14				
2	 2. <u>THEORY OF ESTIMATION</u> Contents : 2.1 Theory of estimation; 2.2 Properties of estimators; 2.3 Methods of estimation: least square method, method of moments and maximum likelihood; 2.4 Tests of Significance: parametric and nonparametric methods. 											10			
3	3. <u>1</u> Contents 3.1 Basic p-value o 3.2 Testin populatio	ES co of a ng on.	oncepts of h test, power hypotheses	ypoth of a abou	nese test, it the	s testi e mea	<u>ES</u> ing: t in and	ype] l the	l and varia	II errors,	level norm	, size a	and		14

	3.3 Small sample distributions: χ^2 , t and F distributions and examples of their									
	applications.									
4	4. ANALYSIS OF TIME SERIES									
	Contents :									
	4.1 Analysis of Panel Data and Time Series Data	10								
	4.2 Components of Time Series	10								
	4.3 Determination of Trend									
_	4.4 Least Square Method.									
5	5. <u>STATISTICAL PACKAGES FOR ECONOMIC RESEARCH</u>									
	Contents :									
	5.1 SPSS, E-Views, & R	10								
	5.2 creating new data file - opening a data file - insert rows and columns -	12								
	importing data from word processor. Excel merging data file, adding cases									
	and variables									
	Total Numberof hours	60								
Suggest	ed Reference Books									
1. 1	Agarwal Y.P: Statistical Methods: Concepts, Applications and Computations, New	Delhi:								
	Sterling Publishers, 1988.									
2. 1	Blalock, Hubert M: Social Statistics, London: McGraw Hill, 1981.									
3. (3. Croxton Frederiel, Dudley J. Gowden and Sidny Klein: Applied General Statistics New Delhi									
]	Prentice Hall, 1975									
4. 1	Edward A.L: Statistical Methods for the Behavioural Sciences, New York: Rincha	rt & Co, 1954.								
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	and mart a Dev v. Suuddieur mierenee, new Tork, non, 1900.									

atgûa şçuası	(An Autonomous College of Arts and Commerce (An Autonomous College Affiliated to University of Pune)													
Subject code	2	Semester I II III IV V VI M.A. I											III	IV
Title of Subj	ject		• Ind	ian I	Bank	ing S	Secto	r-Pe	erfor	mance a	nd Po	licy		
(For Approv	al of BOS)	men	t											
Objectives a Learning Ou	nd itcomes	The broad The broad The The Off The The The Inde	<i>l focus of this course will be:</i> • review and understand Current Banking Scenario India . • e course aims to acquaint and familiarize students with the perations and Performance of Scheduled Commercial Banks in India • e prime objective of the course is to expose the students to the ends and Challenges of Modern Commercial Banking in India. • e course aims at providing a theoretical exposition and meaningful sights relating to Regulation,Supersion of Commercial Banks in dia.									the lia the gful s in		
			De	taile	d syl	labu	s							
Units			Conte	nts of	f the	syllat	ous					N	umbe Hour	er of rs
1.	1.Title	of the topic	<u>:</u> Introducti	on										
	_Contents : 1.1 Economic Backdrop and Banking Environment 1.2 Current Banking Scenario 1.3 Rising NPAs in Indian Banking Industry 1 4 Demonstrigation and Commensial Dealking													
2.	2.Title	of the ton	ic : Onera	tions	s an	d P	erfo	rma	nce	of Sche	eduleo	1		
	Comme Contents 2.1 Fina	ercial Banks	mance of the	e Sch	edul	ed Co	ommo	ercia	ıl Baı	nks		10	I	

	2.2 Credit Delivery and Financial Inclusion	
	2.3 Retail credit	
	2.4 Credit to sensitive sectors	
3.	<u>3.Title of the topic :</u> Modern Trends in Commercial Banking Contents :	
	3.1 New initiatives in the Banking sector	
	3.2 Human Resource Perspective	20
	3.3 Social Responsibility	
	3.4 Fin Tech and Digital Innovation	
	4. <u>Title of the topic</u> : Regulation, Supervision and Legal Aspects for	
	Banks	
	Contents: 4.1 Rationale for Regulation	
4.	4.2Department of Banking Regulation and Supervision	20
	4.2 Banking Regulation in India	
	4.2.1 RBI Act 1934	
	4.2.2 Banking Regulation Act 1949	
	Total Number of Lectures	60

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Management Technology, New Delhi

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Uppal, RK,& Bishnupriya N, Modern Banking in India, New Century Publications, New Delhi

Guruswamy,S., Banking in the New Millenium, New Century Publications, New Delhi

Reports and Bulletin

Reserve Bank of India, Report on Trends and Progress of Banking in India.

Reserve Bank of India, Report on Currency and Finance (Annual), Mumbai

Reserve Bank of India Annual Report

Suggested Journals

Economic & Political Weekly

Professional Banker, Published by: the ICFAI University Press

The Indian Banker, Published by: Indian Banks Association

Bank Quest, Published by: Indian Institute of Banking and Finance

Web sites :

- indiabudget.nic.in
- rbi.org.in