# Kurukshetra University, Kurukshetra

(Established by the State Legislature Act-XII of 1956) ("A++" Grade, NAAC Accredited)



## Syllabus for Post Graduate Programme

# **M.A. Business Economics**

as per NEP 2020 Curriculum and Credit Framework for Postgraduate Programme

With Multiple Entry-Exit, Internship and CBCS-LOCF With effect from the session 2024-25 (in phased manner)

# DEPARTMENT OF ECONOMICS FACULTY OF SOCIAL SCIENCES

KURUKSHETRA UNIVERSITY, KURUKSHETRA -136119 HARYANA, INDIA

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Session 2024-2025					
Part-A Introduction					
Name of Pro	gramme	M.A.Business Eco	onomics		
Semester		First			
Name of the	Course	Micro Economic	Гheory		
Course Code	9	M24-BEC-101			
Course Type	2:	CC-1			
Level of the	course	400-499			
Pre-requisite	e for the course (if	n.a.			
any)					
Course Lear (CLO) After course, the l	ning Outcomes completing this earner will be able to:	<ul> <li>CLO 1. Know the scope and breadth of Micro Economics along with understanding the core principles of demand and supply so that they are able to apply the understanding of these concepts to comprehend real world problems along with the ability to think critically and analyse economic problems.</li> <li>CLO 2. Understand the core principles of production and costs so that they are able to apply the understanding of these concepts to comprehend real world problems along with the ability to think critically and analyse economic problems.</li> <li>CLO 2. Understand the core principles of production and costs so that they are able to apply the understanding of these concepts to comprehend real world problems along with the ability to think critically and analyse economic problems.</li> <li>CLO 3. Analyse given situations in a variety of markets on a microeconomic level. Understand the internal structure and assumptions of the different analytical frameworks of market conditions, their explanatory power and limitations.</li> <li>CLO 4. Learn and apply relevant optimization techniques for analysis of microeconomic behaviour of consumer, producer and firm. Simultaneously will be able to understand the implications and ethical as well as value</li> </ul>			
Credits		Theory	Tutorial	Total	
		04	0	04	
Teaching H	ours per week	4	0	4	
Internal Ass	essment Marks	30	0	30	
End Term E	xam Marks	70	0	70	
Max. Marks		100	0	100	
Examination	1 Time	3 hours			
	Par	t-B Contents of the	e Course		
<b>Instructions for Paper-Setter:</b> The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unit and the compulsory question. All questions will carry equal marks.					
Unit	Topics			Contact Hours	
Ι	Theory of Demand a Indifference curve	approach -Price	<b>aviour</b> e, Income and	15	

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I. (2003), Intermediate Microeconomics, Ea R. & Rubinfeld, D. (2018), Microeconomics	st-W (9th	est Press. Edition), Pe	earson			
I. (2003), Intermediate Microeconomics Fa	• Varian, H. (2003), Intermediate Microeconomics, East-West Press.					
London.						
anno, A. (1919), would n with beconomic	(2	na Banon	, watacin	man ricss,		
annis A (1979) Modern Microeconomi	cs (	nd Edition	) Macm	illan Press		
rari-C Learning Resol led Books/F-Resources/LMS+	irces				-	
II EXdIII. Dout C Loouning Deco	15					
presentation/assignment/quiz/class test etc.:	10					
TICIPATION:	5	1	Written E	xamination		
ý Aleinetien	30	> The	ory:	70		
Internal Assessment: 30		End	Term Ex	amination:	70	
Suggested Evaluati	on N	lethods				
Total Contact Hours				60		
and Barometric price leader).						
Price leadership models (Low cost firm,	Dom	inant firm				
Cartels (Joint profit maximization and m	arke	t sharing);				
Collusive Models						
demand curve.		, ixinkeu-		15		
Cournot: Bertrand: Stackelberg: Chamb	erlin	· Kinked-				
Non-Collusive Models					-	
firm.	u11101	ium of the				
equilibrium; Price discrimination;	M	onopolistic				
equilibrium; Monopoly – short run a	and	long run				
the firm and industry; Dynamic changes	s an	d industry	84	15		
Perfect competition - Short and long term	equi	ilibrium of				
Markets and Equilibrium					1	
modern; Analysis of economies of scale.						
curves(Short run as well as long run) -	tradi	tional and				
single product firm; Theories of costs an	nd va	rious cost				
Progress and production function: Equi	libriu	in of the				
CES); Laws of production (variable pr	ropor	Toobrical		15		
Production function (properties of Cobb	Do Do	uglas and		15		
Theory of Production and Costs						
of Demand theory by Hicks; Linear Expendence	System.					
(empirical estimation) and Elasticity of Su	; Revision					
Surplus (Hicks) and its applications: Elasti	city	of demand				
exchange): Revealed Preference Theory: The Consumer's						
applications (The leisure-income trade-off, Evaluation of alternative government policies IC and theory of						
Substitution effects (Hicks and Slutsk	y);	and its				
	Substitution effects (Hicks and Slutsk applications (The leisure-income trade-off alternative government policies, IC a exchange); Revealed Preference Theory; T Surplus (Hicks) and its applications; Elasti (empirical estimation) and Elasticity of Su of Demand theory by Hicks; Linear Expend <b>Theory of Production and Costs</b> Production function (properties of Cobb CES); Laws of production (variable p returns to scale with the help of iso-qua Progress and production function; Equi single product firm; Theories of costs ar curves(Short run as well as long run) – modern; Analysis of economies of scale. <b>Markets and Equilibrium</b> Perfect competition – Short and long term the firm and industry; Dynamic change equilibrium; Monopoly – short run equilibrium; Price discrimination; competition - Chamberlin's approach to eq firm. <b>Non-Collusive Models</b> Cartels (Joint profit maximization and m Price leadership models (Low cost firm, and Barometric price leader). <b>Total Contact Hours</b> <b>Suggested Evaluati</b> <b>Internal Assessment: 30</b> <b>y</b> rticipation: 'presentation/assignment/quiz/class test etc.:: m Exam: <b>Part-C Learning Resou</b> <b>Ied Books/E-Resources/LMS:</b> tannis, A. (1979), <i>Modern Microeconomi</i>	Substitution effects (Hicks and Slutsky);         applications (The leisure-income trade-off, Eva         alternative government policies, IC and exchange); Revealed Preference Theory; The C         Surplus (Hicks) and its applications; Elasticity (empirical estimation) and Elasticity of Supply of Demand theory by Hicks; Linear Expenditure         Theory of Production and Costs         Production function (properties of Cobb Do         CES); Laws of production (variable propor         returns to scale with the help of iso-quants);         Progress and production function; Equilibriu         single product firm; Theories of costs and va         curves(Short run as well as long run) – tradi         modern; Analysis of economies of scale.         Markets and Equilibrium         Perfect competition – Short and long term equilibrium; Monopoly – short run and equilibrium; Price discrimination; Mo         competition - Chamberlin's approach to equilibri         firm.         Non-Collusive Models         Cournot; Bertrand; Stackelberg; Chamberlin demand curve.         Collusive Models         Cartels (Joint profit maximization and marke         Price leadership models (Low cost firm, Dom and Barometric price leader).         Total Contact Hours         Internal Assessment: 30         y       30         rticipation:       5         pr	Substitution effects (Hicks and Slutsky); and its applications (The leisure-income trade-off, Evaluation of alternative government policies, IC and theory of exchange); Revealed Preference Theory; The Consumer's Surplus (Hicks) and its applications; Elasticity of demand (empirical estimation) and Elasticity of Supply; Revision of Demand theory by Hicks; Linear Expenditure System.Theory of Production and Costs Production function (properties of Cobb Douglas and CES); Laws of production (variable proportions and returns to scale with the help of iso-quants); Technical Progress and production function; Equilibrium of the single product firm; Theories of costs and various cost curves(Short run as well as long run) – traditional and modern; Analysis of economies of scale.Markets and Equilibrium Perfect competition – Short and long term equilibrium; Monopoly – short run and long run equilibrium; Price discrimination; Monopolistic competition - Chamberlin's approach to equilibrium of the firm.Non-Collusive Models Cartels (Joint profit maximization and market sharing); Price leadership models (Low cost firm, Dominant firm and Barometric price leader).Total Contact HoursSuggested Evaluation Methods Internal Assessment: 30 yPart-C Learning Resources Hed Books/E-Resources/LMS: iannis, A. (1979), Modern Microeconomics (2nd Edition	Substitution effects (Hicks and Slutsky); and its applications (The leisure-income trade-off, Evaluation of alternative government policies, IC and theory of exchange); Revealed Preference Theory; The Consumer's Surplus (Hicks) and its applications; Elasticity of demand (empirical estimation) and Elasticity of Supply; Revision of Demand theory by Hicks; Linear Expenditure System.         Theory of Production and Costs         Production function (properties of Cobb Douglas and CES); Laws of production (variable proportions and returns to scale with the help of iso-quants); Technical Progress and production function; Equilibrium of the single product firm; Theories of costs and various cost curves(Short run as well as long run) – traditional and modern; Analysis of economies of scale.         Markets and Equilibrium         Perfect competition – Short and long term equilibrium of the firm and industry; Dynamic changes and industry equilibrium; Price discrimination; Monopolistic competition - Chamberlin's approach to equilibrium of the firm.         Non-Collusive Models         Cournot; Bertrand; Stackelberg; Chamberlin; Kinked-demand curve.         Collusive Models         Cartels (Joint profit maximization and market sharing); Price leadership models (Low cost firm, Dominant firm and Barometric price leader).         Total Contact Hours         y       30         Presentation/assignment/quiz/class test etc.: 10         m Exam:       15	Substitution effects (Hicks and Slutsky); and its applications (The leisure-income trade-off, Evaluation of alternative government policies, IC and theory of exchange); Revealed Preference Theory; The Consumer's Surplus (Hicks) and its applications; Elasticity of Gumand (empirical estimation) and Elasticity of Supply; Revision of Demand theory by Hicks; Linear Expenditure System.         Theory of Production and Costs         Production function (properties of Cobb Douglas and CES); Laws of production (variable proportions and returns to scale with the help of iso-quants); Technical Progress and production function; Equilibrium of the single product firm; Theories of costs and various cost curves(Short run as well as long run) – traditional and modern; Analysis of economies of scale.         Markets and Equilibrium         Prefect competition – Short and long term equilibrium of the firm and industry; Dynamic changes and industry equilibrium; Price discrimination; Monopolistic competition - Chamberlin's approach to equilibrium of the firm.         Non-Collusive Models         Cournot; Bertrand; Stackelberg; Chamberlin; Kinked-demand curve.         Collusive Models         Cartels (Joint profit maximization and market sharing); Price leadership models (Low cost firm, Dominant firm and Barometric price leader).         Total Contact Hours       60         Suggested Evaluation Methods       15         Internal Assessment: 30       End Term Examination: y         y       30       Theory: 70         rticipation:       5         Markets and Equilibrium       5	

- Baumol, W.J. (1982), *Economic Theory and Operations Analysis*, Prentice Hall of India, New Delhi.
- Green, H.A.G. (1971), Consumer Theory, Penguin, Harmondsworth.
- Henderson & Quandt (1980), Microeconomic Theory: A Mathematical Approach, McGraw Hill, New Delhi.

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- Da Costa, G.C. (1980), Production, Prices and Distribution, Tata McGraw Hill, New Delhi.
- Healthfields and Wibe (1987), An Introduction to Cost and Production Functions, Macmillan, London.
- Hirshleifer, J. & Glazer, A. (1997), *Price Theory and Applications*, Prentice Hall of India, New Delhi.
- Archibald, G.C. (Ed.) (1971), Theory of the Firm, Penguin, Harmondsworth.

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• <u>https://www.edx.org/learn/economics?hs\_analytics\_source=referrals&utm\_source=moo</u> <u>c.org&utm\_medium=referral&utm\_campaign=mooc.org-topics</u>

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		Session: 2024-25		-	
	]	PartA – Introducti	on		
Name of	f Programme	M.A. Business Eco	onomics		
Semeste	er	First			
Name o	f the Course	Macro Economic T	Theory		
Course	Code	M24-BEC-102			
Course 7	Гуре	CC-2			
Level of	f the course	400-499			
Pre-requ	uisite for the course (if any)				
Coursel After con learner v	LearningOutcomes (CLO) mpleting this course, the will be able to:	<ul> <li>CLO 1: Understand classical &amp; Keynesian theories of output and employment, analyze their differences, and assess their role in economic fluctuations.</li> <li>CLO 2: Explaining the behaviour of macroeconomic variables by identifying and understanding the extended model.</li> <li>CLO 3: Analyze output, price, and employment under flexible prices in IS-LM. Explore effects of wages, interest rates, and policy on equilibrium.</li> <li>CLO 4: To understand the theories of consumption and investment and their relevance.</li> </ul>			
		Theory	Practical	Total	
Credits		4	0	4	
Teachin	g Hours per week	4	0	4	
Internal	Assessment Marks	30	0	30	
End Ter	m Exam Marks	70	0	70	
Max. M	arks	100	0	100	
Examina	ation Time	3 hours		100	
	Part	B-Contents o fthe	Course		
Instruct unit and The com examine compuls	tions for Paper- Setter: The ex- l one compulsory question by inpulsory question (Question No exe will be required to attempt sory question. All questions will	xaminer will set 9 q taking course learni . 1) will consist at 1 5 questions, selecti carry equal marks.	uestions asking two quing outcomes (CLOs) i east 4 parts covering ering one question from	estions from each nto consideration ntire syllabus. The each unitand the	
Unit		Topics		Contact Hour	
I Theory of Output and Employment Determination Classical Approach – Output and Employment in Classical Theory; The Quantity Theory of Money and the Price Level; Classical Model without saving and investment; Classical Model with saving and investment; Keynesian Approach - Two Sector Model, Three Sector Model and Four Sector Model.			e nt 15		
	Quantity Theory of Money and saving and investment; Clas Keynesian Approach - Two S Sector Model.	sical Model with ector Model, Three	saving and investmen Sector Model and Fou	t; ir	
	Quantity Theory of Money and saving and investment; Class Keynesian Approach - Two S Sector Model. SELF STUDY CONTENTS Nature and scope of macro H circular flow of income in two	(not relevant for ex Economics, important three and four sector	saving and investmen Sector Model and Fou ams): nce of macroeconomic r of economy.	t; ir S,	

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	The Extended Model under Fixed Price Lev	vel –	The Goods Market and			
	The Money Market; IS-LM framework and I	Equil	ibrium in Goods Market	15		
	and Money Market; Effect of Changes in Go	vern	ment spending, Taxation			
	and Aggregate Demand on General Equilibriu	ım.				
	ODI DOTUDI CONTENTS (					
	SELF STUDY CONTENTS (not relevant to	or ex	ams):			
	Nature and Scope of Good Market and Money Market, Money supply					
	Process, the supply of and demand for money	and	rate of interest.			
11.	Theory of Output and Employment Determ	ion				
	The Extended Model under Variable Price Le	Derivation of Aggregate	15			
	Demand Curve and Determination of equilib	15				
	Wage-price flexibility and the Full Employm	ient (	equilibrium; interest rate			
	effect and Pigou Effect; Monetary – Fisca	al po	hicy analysis in 13-Livi			
	Model.					
	SELF STUDY CONTENTS (not relevant for	or ex	ams):			
	Rationale of Monetary policy. Fiscal policy.	Inflat	ion, interest rate and its			
	effect on economy					
IV	Theories of consumption and Investment					
	The Absolute Income Hypothesis; The Rela	tive	Income Hypothesis; The			
	Permanent Income Theory of Consumption; The Life cycle theory of			15		
	consumption.			12		
	The Marginal Efficiency of Capital Approach; The accelerator theory;					
	Profits Theory; Jorgenson's Neoclassical Mo	odel;	Adjustment costs and q			
	theory.					
	SELF STUDY CONTENTS (not relevant f	or ex	ams):			
	Cyclical and Secular Consumption Behaviour	; Bas	ic working of Multiplier.			
			Total Contact Hours	60		
	Suggested Evaluati	on M	lethods			
	Internal Assessment: 30		End Term Exami	nation: 70		
$\triangleright$	Theory	30	> Theory: 70			
•	Class Participation:	5	Written Exami	ination		
•	Seminar/presentation/assignment/quiz/class test	10				
etc.:		1.5				
•	Mid-Term Exam: Port C Learning	IJ Dec				
Dee	Part C-Learning	Res	burces			
Rec	ommended Books/e-resources/LIVIS:			•		
•	(nups://epgp.inflibnet.ac.in/Home/ViewSubject?ca	atid=[	NEP/X1KgBgNtIA+sgFQA	CA==)		
	(investment and consumption meones)					
	https://arcmive.nprei.ac.in/II.org///iourSubject/	:d_N	En/wilcoDoNtfA LoopOA	ر للد ٨		
•	https://epgp.initionet.ac.in/Home/viewSubject?cat	N=DL	Ep/xikgbgivtiA+sgFQAc	A==		
•	https://nptel.ac.in/courses/130104114) (consumptio	on the	eories)			
•	https://ocw.mit.edu/courses/14-02-principles-of-ma	acroe	<ul> <li>https://ocw.mit.edu/courses/14-02-principles-of-macroeconomics-spring-</li> </ul>			
1						
•	Mankiw, Gregory N (2003) Macroeconomics W	orth I	Publishers			
•	Mankiw, Gregory N. (2003). <i>Macroeconomics</i> . W	orth I	Publishers.			
•	Mankiw, Gregory N. (2003). <i>Macroeconomics</i> . We R Dornbusch, S Fischer and R Startz (2005). <i>Macr</i>	orth I oeco	Publishers. nomics. McGraw-Hill.			

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- Romer, David (2012). Advanced Macroeconomics. McGraw Hill Education.
- Shapiro, E (2006). Macroeconomic Analysis. Galgotia Publication, New Delhi.

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	Session	2024-25		
	Part A – I	ntroducti	on	÷.
Name of Programme	M.A. Bus	iness Eco	nomics	
Semester	First			
Name of the Course	Mathema	tics for B	Susiness Economists	
Course Code	M24-BEO	C-103		
Course Type	CC-3			
Level of the course	400-499	à		
Pre-requisite for the course (	if any)			
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:CLO 1: Understand and apply set theory operations arithmetic and geometric progressions, and their busines applications effectively.CLO 2: Perform matrix operations, solve simultaneou equations, and apply matrix algebra techniques to input output analysis.CLO 3: Apply rules of differentiation and optimization techniques to solve economic problems effectively.CLO 4: Apply integration rules and solve difference equations to analyse economic models accurately.				theory operations, and their business solve simultaneous chniques to input- n and optimization ffectively. d solve difference curately.
	The	orv	Practical	Total
Credits			0	4
Teaching Hours per week			0	4
Internal Assessment Marks	3	0	0	30
End Term Exam Marks	7	0	0	70
Max Marks	10	0	0	100
Examination Time	3 hc	nirs		
	Part B-Conten	ts of the	Course	
Instructions for Paper- Setter: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions; selecting one question from each unit and the				uestions from each into consideration. entire syllabus. The each unit and the
Unit	Topics			<b>Contact Hours</b>
I Foundations of Mathematics and Business Applications Introduction to Sets, Set Operations: Union, Intersection, Complement. Subset, Superset, and Power Set. Venn Diagrams and Set Identities. Arithmetic Progression (AP) and Geometric Progression (GP): Definition, nth Term, Sum of the First n Terms and Properties. Sequences and Series in Business: Compound Interest and Annuities, Future Value and Present Value of Money, Applications of AP and GP in Business			15	
II Matrix Algebra and I Concept of Matrix and matrices; Matrix inverse equations through Crar Introduction to input-or	ts Applications Determinant – th ion and rank of m her's rule and Ma utput analysis.	eir types, atrix; Sol trix invers	simple operations on ution of simultaneous se method;	15

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III	Differential Calculus and Its Applications				
	Rules of differentiation; Elasticity and their types; Rules of Partial				
	differentiation and interpretation of partial derivatives; Problems of	15			
	maxima and minima in single and multivariable functions;				
	Unconstrained and constrained optimization in simple economic				
	problems.				
ÍV	Integral Calculus and Difference Equations				
	Concept and simple rules of integration; Application to consumer's and				
	producer's surplus. Difference equations - Solution of first order and				
	second order difference equations; Applications in trade cycle models;				
	Growth models and lagged market equilibrium models				
Total Co	60				
	Suggested Evolution Methods				

Suggesteu Evalua	uon w	Tethous			
Internal Assessment: 30		<b>End Term Examination: 70</b>		amination: 70	
Theory 30 T		Theory:		70	
Class Participation:		Wri	itten E	xamination	
Seminar/presentation/assignment/quiz/class test etc.:		1			
Mid-Term Exam: 15					
Devet C I	D				

#### Part C-Learning Resources

#### **Recommended Books/E-Resources/LMS:**

- Aggarwal, D. R. (2018). Quantitative Methods. Vrinda Publications.
- Allen, R.G.D. (1974). Mathematical Analysis for Economists. Macmillan Press, London.
- Barnett, R. A., Bennie, D., & French, D. W. (2005). Fundamentals of Mathematics (8th ed.). McGraw-Hill Education
- Bittinger, M. L., Beecher, J. A., Ellenbogen, J., &Penna, D. J. (2018). Introductory Algebra for College Students (9th ed.). Pearson Education.
- Black, J. & Bradley, J.F. (1973). Essential Mathematics for Economists. John Wiley and Sons.
- Chiang, A.C. (2005). Fundamental Methods of Mathematical Economics. McGraw Hill, New York.
- Joshi, R. C. (2008). Basic Mathematics for Economists. New Academic Publishing.
- Leontief, W. (1936). Quantitative input-output relations in the economic systems of the United States. Review of Economics and Statistics, 18, 105-125.
- Lippman, L. C. (2014). Sets, Logic, and Foundations of Mathematics (2nd ed.). Dover Publications.
- Mehta, B. C. & Madnani, G. M. K. (2018). Mathematics for Economists. Sultan Chand & Sons, New Delhi.
- Mendelson, E. (2010). Introduction to Mathematical Logic (5th ed.). Chapman and Hall/CRC.
- Miller, R.E. & Blair, P.D. (1985). Input-Output Analysis: Foundations and Extensions. Prentice-Hall, Englewood Cliffs, New Jersey.
- Mouhammed, Adil H. (2004). Quantitative Methods for Business and Economics. PHI, New Delhi
- Murty, V. V. R. (2008). Introductory Discrete Mathematics (2nd ed.). Alpha Science Pvt Ltd.
- Yamane T. (1973). Mathematics for Economists. PHI.

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	Session: 2024-25			
	P	artA-Introductio	n	
Name of	Programme	M.A.Business Eco	onomics	
Semester		First		
Name of	the Course	Data Analytics for	r Business Economists	I
Course C	Code	M24-BEC-104		
Course T	Гуре	CC-4		
Level of	the course	400-499		
Pre-requ	isite for the course (if any)			
CourseL	earningOutcomes (CLO)	CLO 1: Understan	nd, apply and solve the p	problems on revenue,
After con	npleting this course, the learner	profits, utility and	linear programming.	
will be al	ble to:	CLO 2: Understa	ind and compute break	even, LP, sensitivity
		analysis and assign	nment problems.	1 1
		CLO 3: Under	stand and solve line	ear and non-linear
		Optimization probl	ems.	alveis and inventory
CLO 4: 0			and and solve pain an	arysis and inventory
		CLO 5: Demon	strate the ability to s	olve the problems
		mentioned in CL	O 1-4 through a softw	are.
Credits		Theory	Practical	Total
		3	1	4
Teaching Hours per week		3	2	5
Internal Assessment Marks		20	10	30
End Terr	m Exam Marks	50	20	70
Max. Ma	arks	70	30	100
Examina	ation Time	3 hours	3 hours	
	Part I	<b>B-Contents</b> o fthe	Course	
Instruct	ions for Paper- Setter: The exa	miner will set 9 q	uestions asking two q	uestions from each
unit and	one compulsory question by ta	king course learni	ng outcomes (CLOs)	into consideration.
The com	pulsory question (Question No.	1) will consist at l	east 4 parts covering e	entire syllabus. The
examine	e will be required to attempt 5	questions, selecti	ng one question from	each unitand the
compuls	ory question.All questions will ca	arry equal marks.		
Unit		Topics		Contact Hours
I	1. Computation of revenue	and profits usin	g excel. Given the	11
	quantity, demand function,	cost function etc	., compute profits or	
	losses. Also generate a data	series.	ishlas Colvins	
	2. Creation of various charts u	sing economic var	ables. Solving	×
single and multiple system of equations through excel solver				
3. Profit maximization and Utility maximization using solver				
		an using solver		
	SELF STUDY CONTENTS (	not relevant for e	xams):	
	Excel functions			
II	5. Break even analysis in exce	el		11
	6. Sensitivity analysis using se	olver		
	7. LPP applications in market	ing and finance		
	8. Assignment and shortest pa	th problem in solv	er	

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	SELF STUDY CONTENTS (not relevant f	xams):			
III	<ul> <li>III</li> <li>9. Generating Frequency Table, Bar Chart, Pie Chart, Histogram, Arithmetic Mean, Median, Standard Deviation and Range, Contingency Table, Chi-square, and Cramer's V, Pearson's r, and Spearman's rho, Scatter Diagrams</li> <li>10. Construction of Frequency, Calculation of Central Tendencies and Measures of Dispersion</li> <li>11. Estimation Correlation Coefficient, Zero Correlation Matrix , Part and Partial Correlation –</li> <li>12. Estimation of Simple Regression.</li> <li>SELF STUDY CONTENTS (not relevant for exams):</li> </ul>				
	Excel functions				
IV	11 30				
	voce.				
	4. Syllabus contains all the contents mentione 17.	ed in	the four units.	a	
	Total Contact Hours			75	
	Suggested Evaluati	on M	lethods		
	Internal Assessment: 30		End Term Exa	amination: 70	
> The	ory	20	> Theory:	50	
• Class	Participation:	5	Written Ex	amination	
• Semin	ar/presentation/assignment/quiz/class test etc.:	5			
• Mid-T	erm Exam:	10			
> Practical		10	> Practical	20	
Class Participation:		5	Lab record, Viva-V	loce, write-up and	
• Semin	ar/Demonstration/Viva-voce/Lab records etc.:	5	execution of	the Practical	
• Mid-T	erm Exam:	-			
	Part C-Learning	Reso	ources		
Recomn	nended Books/e-resources/LMS:				
• Gary	Koop: Analysis of economic data, John Wiley	& S0	ons, 2005		

 Thomas Cleff: Applied Statistics and Multivariate Data Analysis for Business and Economics: A Modern Approach Using SPSS, Stata, and Excel, Springer

• Kurt Jechlitschka, Dieter Kirschke and Gerald Schwarz: Microeconomics using Excel: Integrating

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economic theory, policy analysis and spreadsheet modeling, Routlage

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- HumbertoBarreto: Intermediate Microeconomics with Microsoft Excel, Cambridge University Press
- VikasSingla: Operations Research Using Excel, Taylor and Francis

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Session: 2024-25				
PartA – Introduction				
Name of Programme	M.A.Business Ecor	nomics		
Semester	First			
Name of the Course	Public Economics a	and Policy		
Course Code	M24-BEC-105			
CourseType	DEC-1			
Level of the course	400-499			
Pre-requisite for the course (if any)		na		
CourseLearningOutcomes (CLO)	CLO 1: Explain the	e concept of efficiency	along with various	
After completing this course, the	solutions of marl	ket failure and inter	pret the welfare	
learner will be able to:	distribution aspect	in context of public	ic goods besides	
net source and so in a construction of the second source of the second s	grasping the prefere	ence revelation mechan	isms.	
	CLO 2: Apply eco	onomic perspectives o	n activities of the	
	government sector	to become well-infor	med and engaged	
	participants (citiz	ens, voters, politicia	ans and/or civil	
	servants) in society			
	CLO 3: Draw the	economic implication	s of various taxes	
	along with their po	sitive as well as norm	ative analysis, and	
	thus become able	to design an efficie	ent and equitable	
	taxation system.		â	
	CLO 4: Analyze the theories of fiscal federalism, public			
	debt, and pricing in public enterprises, and solve the			
ж. В.	concerned policy issues.			
Credits	Theory	Practical	Total	
	4	0	4	
Teaching Hours per week	4	0	4	
Internal Assessment Marks	30	0	30	
End Term Exam Marks	70	0	70	
Max. Marks	100	0	100	
Examination Time	3 hours			
Par	tB-Contentsof the	Course		
Instructions for Paper- Setter: The ex-	kaminer will set 9 q	uestions asking two qu	estions from each	
unit and one compulsory question by t	taking course learning	ng outcomes (CLOs) i	nto consideration.	
The compulsory question (Question No	. 1) will consist at le	east 4 parts covering en	ntire syllabus. The	
examinee will be required to attempt	5 questions, selecti	ng one question from	each unitand the	
compulsory question. All questions will	carry equal marks.			
Unit	Topics		Contact Hours	
1 The Public Economy and Publi	c Goods		15	
Exchange Economy, Production	Economy and Eff	ficiency; Asymmetric		
Information and market Failure	; Externalities and	their Internalization;		
Rent Seeking Costs and Politica	al Process; Efficient	t Provision of Public		
Goods; Private provision of Pure	Public Goods; Sam	uelson Model; Clarke		
Wiechanism; Lindani-wicksell M	echanism; Theory of	Club Goods.		
SELF STUDY CONTENTS (no	t relevant for even	(2)		
Concepts of Demand curve Su	pply curve. Indiffer	ence curve Isoquant		
curve, Production possibility cur	ve. Budget or price	line. Isocost line and		
possibility cur	, budget of price	mie, isocost mie, and		

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	their slopes; Idea of marginal benefit and	marginal cos	st.	
II	Public Choice			15
	Rational Voter Hypothesis; Characteri	istics of Ma	jority Voting Rule;	
	Bowen-Black Model; Buchanan and Tull	lock Model;	Arrow's Impossibility	
	Theorem; Downs Model on Demand An	nd Supply of	Government Policy;	
	Models of Bureaucratic Behavior: Niskar	nen Model, T	ullock Model; Voting	
	and the Leviathan Hypothesis.			
	SELF STUDY CONTENTS (not releva	ant for exam	s):	
	Basic knowledge of rational consumer be	ehavior.		
III	Public Revenue			15
	Incentive Effects of Taxation on Labour	Supply, Savin	ngs, and Risk Taking;	
	Tax Incidence – Partial and General Equ	uilibrium Ana	alysis; Excess Burden	
	of Tax and its Measurement; Efficiency	and Equity P	rinciples of Taxation;	
	Optimal Commodity Tax: The Ramsey R	Rule, The Con	rlett and Hague Rule;	
	Optimal Income Tax.			
	SELF STUDY CONTENTS (not releva	ant for exam	s):	
	Meaning and types of taxes; Partial eq	uilibrium <i>vs</i> .	general equilibrium;	
	Idea of consumer surplus.			
IV	Fiscal Federalism, Public Debt, and Pu	iblic Enterp	rises	15
	Fiscal Federalism: Tiebout Model, The	ory of Inter	governmental Grants,	
	Centre-State fiscal relations in India - Theory and Practice; Public Debt:			2
	Burden Controversy, Debt Sustainabil	ity; Public I	Interprises: Ramsey-	
	Boiteux Linear pricing, Marginal cost pr	icing, Peak IC	bad pricing, Theory of	
	Second Best, Social Cost Benefit Analys	15.		
	SELESTUDY CONTENTS (not relev	ant for exam	s).	
	Concepts and forms of public debt and	public entern	orises: Idea of federal	
	set-up of government.	P	,	
			<b>Total Contact Hours</b>	60
	Suggested I	Evaluation N	lethods	
	Internal Assessment: 30		End Term Exa	mination: 70
2	Theory	30	> Theory:	70
•C	lass Participation:	5	Written Exa	
• S				amination
• N	eminar/presentation/assignment/quiz/class	test etc.: 10		amination
	eminar/presentation/assignment/quiz/class t Iid-Term Exam:	test etc.: 10 15		amination
	eminar/presentation/assignment/quiz/class lid-Term Exam: Part C-Les	test etc.: 10 15 arning Reso	ources	amination
Rec	eminar/presentation/assignment/quiz/class lid-Term Exam: Part C-Le: ommended Books/e-resources/LMS:	test etc.: 10 15 arning Reso	ources	amination
Rec •	eminar/presentation/assignment/quiz/class lid-Term Exam: Part C-Les ommended Books/e-resources/LMS: Akerlof, G. (1970). The market	test etc.: 10 15 arning Reso for `Lemon	s': Quality uncertain	amination ty and the marke
Rec •	eminar/presentation/assignment/quiz/class lid-Term Exam: Part C-Les ommended Books/e-resources/LMS: Akerlof, G. (1970). The market mechanism. Quarterly Journal of Econom	test etc.: 10 15 arning Reso for `Lemon mics, 84(3), 4	ources s': Quality uncertain 88-500.	amination ty and the marke
Rec •	eminar/presentation/assignment/quiz/class lid-Term Exam: Part C-Les ommended Books/e-resources/LMS: Akerlof, G. (1970). The market mechanism. <i>Quarterly Journal of Econor</i> Bagchi, Amaresh (2005). <i>Readings i</i>	test etc.: 10 15 arning Reso for `Lemon mics, 84(3), 4 in public fination	s': Quality uncertain 88-500. nce. Oxford University	ty and the marke
Rec •	eminar/presentation/assignment/quiz/class lid-Term Exam: Part C-Les ommended Books/e-resources/LMS: Akerlof, G. (1970). The market mechanism. Quarterly Journal of Econom Bagchi, Amaresh (2005). Readings i Bergstrom, T., Blume, L., & Varian	test etc.: 10 15 arning Reso for `Lemon mics, 84(3), 4 in public finan , H. (1986).	s': Quality uncertain 88-500. <i>nce</i> . Oxford University On the Private Provisi	ty and the marke Press. on of Public Goods
Rec • •	eminar/presentation/assignment/quiz/class Id-Term Exam: Part C-Les ommended Books/e-resources/LMS: Akerlof, G. (1970). The market mechanism. <i>Quarterly Journal of Econor</i> Bagchi, Amaresh (2005). <i>Readings i</i> Bergstrom, T., Blume, L., & Varian <i>Journal of Public Economics</i> , 29, 25-49.	test etc.: 10 15 arning Reso for `Lemon mics, 84(3), 4 n public finan , H. (1986).	s': Quality uncertain 88-500. <i>nce</i> . Oxford University On the Private Provisi	ty and the marke Press. on of Public Goods
Rec •	eminar/presentation/assignment/quiz/class Iid-Term Exam: Part C-Les ommended Books/e-resources/LMS: Akerlof, G. (1970). The market mechanism. Quarterly Journal of Econom Bagchi, Amaresh (2005). Readings i Bergstrom, T., Blume, L., & Varian Journal of Public Economics, 29, 25-49. Boadway, Robin (1984). Public sect	test etc.: 10 15 arning Reso for `Lemon mics, 84(3), 4 in public finan , H. (1986). or economics	s': Quality uncertain 88-500. <i>nce</i> . Oxford University On the Private Provisi Cambridge, Winthrop	ty and the marke Press. on of Public Goods p Publications.
Rec • •	eminar/presentation/assignment/quiz/class f Id-Term Exam: Part C-Les ommended Books/e-resources/LMS: Akerlof, G. (1970). The market mechanism. Quarterly Journal of Econor Bagchi, Amaresh (2005). Readings i Bergstrom, T., Blume, L., & Varian Journal of Public Economics, 29, 25-49. Boadway, Robin (1984). Public sect Bowen, H.R. (1943). The interpreta	test etc.: 10 15 arning Reso for `Lemon mics, 84(3), 4 in public finan t, H. (1986). or economics tion of votin	s': Quality uncertain 88-500. <i>nce</i> . Oxford University On the Private Provisi Cambridge, Winthrop g in the allocation of	ty and the marke Press. on of Public Goods p Publications. economic resources
Rec • •	eminar/presentation/assignment/quiz/class t Iid-Term Exam: Part C-Less ommended Books/e-resources/LMS: Akerlof, G. (1970). The market mechanism. Quarterly Journal of Econom Bagchi, Amaresh (2005). Readings i Bergstrom, T., Blume, L., & Varian Journal of Public Economics, 29, 25-49. Boadway, Robin (1984). Public sect Bowen, H.R. (1943). The interpreta The Quarterly Journal of Economics, 58	test etc.: 10 15 arning Reso for `Lemon mics, 84(3), 4 in public finan , H. (1986). or economics tion of votin (1), 27-48.	s': Quality uncertain 88-500. <i>nce</i> . Oxford University On the Private Provisi Cambridge, Winthrop g in the allocation of the	ty and the marke Press. on of Public Goods p Publications. economic resources
Rec • •	eminar/presentation/assignment/quiz/class f Id-Term Exam: Part C-Les ommended Books/e-resources/LMS: Akerlof, G. (1970). The market mechanism. <i>Quarterly Journal of Econor</i> Bagchi, Amaresh (2005). <i>Readings i</i> Bergstrom, T., Blume, L., & Varian <i>Journal of Public Economics</i> , 29, 25-49. Boadway, Robin (1984). <i>Public sect</i> Bowen, H.R. (1943). The interpreta <i>The Quarterly Journal of Economics</i> , 58 Buchanan, J., &Tullock, G. (1962).	test etc.: 10 15 arning Reso for `Lemon mics, 84(3), 4 n public finan , H. (1986). or economics tion of votin (1), 27-48. The calculus	s': Quality uncertain 88-500. <i>nce</i> . Oxford University On the Private Provisi Cambridge, Winthrop g in the allocation of consent. Ann Arbor	ty and the marke Press. on of Public Goods p Publications. economic resources Paperbacks.
Rec	eminar/presentation/assignment/quiz/class f Iid-Term Exam: Part C-Les ommended Books/e-resources/LMS: Akerlof, G. (1970). The market mechanism. Quarterly Journal of Econom Bagchi, Amaresh (2005). Readings i Bergstrom, T., Blume, L., & Varian Journal of Public Economics, 29, 25-49. Boadway, Robin (1984). Public sect Bowen, H.R. (1943). The interpreta The Quarterly Journal of Economics, 58 Buchanan, J., &Tullock, G. (1962).	test etc.: 10 15 arning Reso for `Lemon mics, 84(3), 4 in public finan , H. (1986). or economics tion of votin (1), 27-48. The calculus	s': Quality uncertain 88-500. <i>nce</i> . Oxford University On the Private Provision Cambridge, Winthrop g in the allocation of consent. Ann Arbor	ty and the marke Press. on of Public Goods p Publications. economic resources Paperbacks.
Rec • •	eminar/presentation/assignment/quiz/class f Iid-Term Exam: Part C-Les ommended Books/e-resources/LMS: Akerlof, G. (1970). The market mechanism. <i>Quarterly Journal of Econor</i> Bagchi, Amaresh (2005). <i>Readings i</i> Bergstrom, T., Blume, L., & Varian <i>Journal of Public Economics</i> , 29, 25-49. Boadway, Robin (1984). <i>Public sect</i> Bowen, H.R. (1943). The interpreta <i>The Quarterly Journal of Economics</i> , 58 Buchanan, J., &Tullock, G. (1962).	test etc.: 10 15 arning Reso for `Lemon mics, 84(3), 4 in public finan , H. (1986). or economics tion of votin (1), 27-48. The calculus	s': Quality uncertain 88-500. <i>nce</i> . Oxford University On the Private Provisi Cambridge, Winthrop g in the allocation of <i>of consent</i> . Ann Arbor	ty and the marke Press. on of Public Goods p Publications. economic resources Paperbacks.
Rec • •	eminar/presentation/assignment/quiz/class f Iid-Term Exam: Part C-Les ommended Books/e-resources/LMS: Akerlof, G. (1970). The market mechanism. Quarterly Journal of Econom Bagchi, Amaresh (2005). Readings i Bergstrom, T., Blume, L., & Varian Journal of Public Economics, 29, 25-49. Boadway, Robin (1984). Public sect Bowen, H.R. (1943). The interpreta The Quarterly Journal of Economics, 58 Buchanan, J., &Tullock, G. (1962).	test etc.: 10 15 arning Reso for `Lemon mics, 84(3), 4 in public finan t, H. (1986). or economics tion of votin (1), 27-48. The calculus	s': Quality uncertain 88-500. <i>nce</i> . Oxford University On the Private Provisi Cambridge, Winthrop g in the allocation of <i>of consent</i> . Ann Arbor	ty and the marke Press. on of Public Goods p Publications. economic resources Paperbacks.

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- Clarke, E.H. (1971). Multipart Pricing of Public Goods. Public Choice, 11, Rand McNally.
- Coase, R. (1960). The problem of social cost. Journal of Law and Economics, 3, 1-44.
- Cullis, J., & Jones, P. (2009). Public finance and public choice: Analytical Perspectives.
   Oxford University Press.
- Den Doel, Hans Van, &Velthoven, Ben Van (1993). Democracy and welfare economics. Cambridge University Press.
- Downs, Anthony (1957). An economic theory of democracy. Harper & Row Publishers, New York.
- Foley, D.K. (1970). Lindahl's solution and the core of an economy with public goods. *Econometrica*, 38(1), 66-72.
- Hackelman, J.C. (2004). Readings in public choice economics. University of Michigan Press.
- Hindricks, J., & Myles, G.D. (2013). Intermediate public economics. The MIT Press.
- Ihori, Toshihiro (2016). Principles of public finance. Springer.
- Jha, Raghbendra (1998). Modern public economics. Routledge.
- Lipsey, R.G., & Lancaster, K. (1956). The general theory of second best. Review of Economic Studies, 24, 11-32.
- McNutt, P.A. (2002). *The economics of public choice*. Edward Elgar.
- Mirrlees J. (1971). An Exploration in the Theory of Optimum Income Taxation. Review of Economic Studies, 38(2), 175-208.
- Niskanen, W. A. (1971). Bureaucracy and representative government. Aldine-Atherton, Chicago.
- Rosen, H. S., & Gayer, T. (2014). Public finance. McGraw Hill.
- Samuelson, P. A. (1954). The pure theory of public expenditure. *Review of Economics and Statistics*, 36(4), 387-389.
- Samuelson, P. A. (1955). Diagrammatic exposition of a theory of public expenditure. *Review of Economics and Statistics*, 37(4), 350-356.
- Tiebout, C.M. (1956). A pure theory of local expenditures. *Journal of Public Economics*, 64, 416-424.

	Session: 2024-25			
	PartA – Introduction			
Name	of Programme	M.A. Business E	conomics	
Semest	ter	First		
Name	of the Course	Accounting for E	Business Decisions	
Course	e Code	M24-BEC-106		
Course	еТуре	DEC-1		
Level	of the course	400-499		
Pre-requisite for the course (if any)				
Course	eLearningOutcomes (CLO)	CLO 1: To und	lerstand the basics of	accounting and its
After c	completing this course, the learner	principles.		
will be	able to:	CLO 2: To learn	the preparation of book	ts of accounts.
	8	CLO 3: To lear	n and compute the acc	counting ratios and
		preparation of ca	sh flow statement.	
CLO 4: To understand and prepare various b				arious budgets and
		learn to do socia.	cost benefit analysis.	m + 1
Credit	ts	Theory	Practical	Total
L		4	0	4
Teach	ing Hours per week	4	0	4
Interna	al Assessment Marks	30	0	30
End Term Exam Marks		70	0	/0
Max. I	Marks	100	0	100
Exami	ination Time	3 nours	Comme	
	Part I	3-Contents o Ithe	Course	(')
Instru	ictions for Paper- Setter: The exa	aminer will set 9 c	uestions asking two qu	lestions from each
unit ai	nd one compulsory question by ta	king course learning	ing outcomes (CLOS)	into consideration.
The co	ompulsory question (Question No.	1) WIII CONSIST at 1	ing one question from	and unitand the
examin	hee will be required to attempt 5	questions, select	ing one question nom	cacil unitality the
Unit	lisory question. An questions will ea	Topics		Contact Hours
I	Accounting as an information	system: Users of	financial accounting	15
1	information and their needs: Fu	nctions advantag	es and limitations of	
	accounting: Branches of accounting	ng: Bases of acco	unting: cash basis and	
	accrual basis: The nature of f	inancial accountir	ng principles – Basic	
	concepts and conventions: entity	, money measure	ment, going concern,	
	cost, realization, accruals,	periodicity, co	nsistency, prudence	
	(conservatism), materiality and fu	ll disclosures.		
II	Accounting Process: From rec	ording of a bu	siness transaction to	15
	preparation of trial balance inclu	ding adjustments:	Capital and Revenue	
	expenditure & receipts, Profit and Loss Account and Balance Sheet(Sole			
Proprietorship only).				
III	Management Accounting: Nature	and Scope; Prepa	aration of Cost Sheet;	15
	Methods of Financial Analysis:	Ratio Analysis-	Liquidity, Efficiency,	
	Profitability and Leverage Ratios;	Cash Flow Statem	nent.	15
IV	Marginal Costing and CVP Analy	vsis; Differential C	ost Analysis; Standard	15
	Costing and Variance Analysis	s; Budgeting and	t Analysis	
	System; Activity Based Costing; S	Social Cost Bellen	r Allalysis.	

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	Tota	l Contact hou	irs 60
on M	ethod	ls	
		End Term E	xamination: 70
30	$\triangleright$	Theory:	70
5		Written E	xamination
10			
15			
	<b>on M</b> <b>30</b> 5 10 15	Tota           on Method           30           5           10           15	Total Contact hou       on Methods       End Term Ex       30     > Theory:       5     Written E       10     15

#### Part C-Learning Resources

#### **Recommended Books/e-resources/LMS:**

- Anthony A.A., Banker, R.D., Kaplan, R.S., Young, S.M., & Kumar, G.A. (2007). *Management Accounting*. Prentice-Hall of India.
- Horngren, C.T., Datar, S.M., Foster, G., Rajan, M.V. &Ittner, C. (2009). Cost Accounting: A Managerial Emphasis. Pearson Education.
- Williamson, Duncan (1996). Cost and Management Accounting. Prentice-Hall of India.
- Lall Nigam, B.M. & Jain, I.C. (2001). Cost Accounting: An Introduction. Prentice-Hall of India.
- Khan, M.Y. & Jain, P.K. (2006). Cost Accounting and Financial Management. Tata McGraw Hill, New Delhi.
- Tulsian, P.C. (2008). Cost Accounting. Tata McGraw Hill, New Delhi.
- Banerjee, B.K. (2008). *Financial Accounting: A Dynamic Approach*. Prentice Hall of India Private Limited, New Delhi.
- Black, G. (2009). Introduction to Accounting and Finance. FT Prentice Hall.
- Tulsian, P.C. (2009). Financial Accounting. Pearson Education.

Session: 2024-25					
M.A.Business Economics					
Name of Pro	Sgramme	First	1		
Semester	Course	Evolution of Econo	omic Thought		
Name of the	e Course	M24-BEC-107			
Course Coo	de	DEC-1			
Courselyp	e	400-499	2000 B		
Level of the	e course (if any)		N.A.	i al aconomic	
Pre-requisi	te for the course (fr any)	CLO 1: To unders	stand the ancient and cl	assical economic	
CourseLea	rningOulcomes (CLO)	thought.	·	hilosophy	
After comp	leting this course, the reason	CLO 2: To learn t	he socialist economic p	ilosophy of neo-	
will be able	e to:	CLO 3: To under	rstand the economic pl	mosophy of nee	
		classical and welf	are economists.	of Keynesian and	
		CLO 4: To learn	the economic mought	01 ICOJIICOLU	
		Post-Keynesian th	ninkers.	Total	
Credita		Theory	Practical	4	
Credits		4	0	4	
Traching	Hours per week	4	0	30	
Teaching	accomment Marks	30	0	70	
Internal A	Even Marks	70	0	100	
End Term		100	0	100	
Max. Mai	ion Time	3 hours			
Examinat	Part	<b>B-Contents of the</b>	e Course	L' Gram anch	
	for Paper- Setter: The ex	xaminer will set 9 c	questions asking two q	uestions from each	
Instruction	one compulsory question by	taking course learn	ing outcomes (CLOs)	into consideration.	
The com	pulsory question (Ouestion No	. 1) will consist at	least 4 parts covering e	nure synabus. The	
avaminee	will be required to attempt	5 questions, select	ting one question from	1 each uilleand the	
compulse	ary question. All questions will	carry equal marks.		Contact Hours	
Unit	, , , , , , , , , , , , , , , , , , ,	Topics		Lontact Hours	
I	Overview of The Mercantilist	s School and the Ph	ysiocratic School; The		
1	Classical School:Adam Smith	n Theory of Moral	Sentiments, Wealth of	e	
	Nations, The Economic Laws	of a Competitive Eq	conomy.		
	Thomas Malthus: Historica	l and Intellectual	Setting - Maitnus s		
	Population Theory.		Diminishing		
	David Ricardo: The Currence	y Question, The	Delative Prices The	2	
	Returns and Rent, Theory of	Exchange Value at	Dentiste Say Nassall		
	Distribution of Income. Jere	my Bentham, Jean	I-Daptiste Say, Russue		
	William Senior, and John Stu	art Mill.	Simon Charles Fourier	15	
II	Overview of Socialism: Henr	1 Comte De Saint-S	an Socialism. Marx's		
	Simonde De Sismondi, Ro	bert Owen, Marxi	nice		
	Theory of History, Assessmen	1 Demand Supply	Equilibrium Price and	1 15	
III	Alfred Marshall: Utility and	Demailu, Supply,	and Decreasing Cos	t	
	Quantity, Distribution of in	come, mereasing	und Deereusing ees		
	Industries.	- Departure fro	m Pure Competition	:	
	The Neo Classical School	n Robinson	and competition		
1	PieroSrama, Chambernin, Joan				

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Chairman,

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IV Overview of the Keynesian School, The Keynesian School: 15	2
Post-Keynesians, The New-Keynesians. Overview of the Chicago School - Milton Friedman, Robert E Lucas, Jr., Gary S. Becker.	

Suggested Evaluat	ion M	ethods	irs 60
> Theory		End Term Ex	xamination: 70
Class Participation:	30	> Theory:	70
• Seminar/presentation/assignment/	5	Written E	xamination
• Mid-Term Exam:	10		
Lind Form Exam.	15		

### Part C-Learning Resources

- Recommended Books/e-resources/LMS: ۲
  - Blaug, M. (1997). Economic theory in retrospect. Cambridge university press. .
  - Eric Roll, (2002) History of Economic Thought, Rupa and Co, New Delhi. .
  - Gide, C., &Rist, C. (2000). Early Histories of Economic Thought, 1824-1914: History of economic doctrines (Vol. 8). Taylor & Francis US.
  - H W Spiegel. (1991) Development of Economic Thought, John Wiley and Sons, New York.
  - Heilbroner, R. L. (2011). The worldly philosophers: The Lives, Times and Ideas of the Great Economic Thinkers. Simon and Schuster.
  - Hunt, E. K., &Lautzenheiser, M. (2015). History of Economic Thought: A Critical Perspective.
  - Ingrid Hahne Rima, (2009) Development of Economic Analysis, Richard D. Irwin, inc. Illinois.
  - John Fred Bell, (1953) A History of Economic Thought, The Ronald Press Company, New York.
  - Joseph A Schumpeter, (2003) Ten Great Economists, from Marx to Keynes, OUP, New York.
  - Kishtainy, N. (2018). A little history of economics. Yale University Press.
  - Lewis H. Haney, (2011) History of Economic Thought, The Macmillan Company, New York.
  - Morgan, M. S. (2012). The world in the model: How economists work and think. Cambridge University Press.
  - Overton H. Taylor, (1960) A History of Economic Thought, McGraw-Hill Company, Inc. New York.
  - Rodrik, D. (2015). Economics rules: Why economics works, when it fails, and how to tell the difference. OUP Oxford.
  - Stanley L. Brue, (2013) The Evolution of Economic Thought, The Dryden Press, Fort Worth.
  - Schumpeter, J. A. (2006). History of Economic Analysis. Routledge.
  - Screpanti, E., &Zamagni, S. (2005). An Outline of the History of Economic Thought. Oxford University Press on Demand.

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0	on: 2024-25
Sessi	NGA Duciness Economics
st sthe Programme	M.A. Business Leonomia
Name of the Hogrammer	First
Semester	Seminar
Name of the Course	M24-BEC-109
Course Code	Seminar
CourseType: (CUN/OEC/EEC)	
(CC/DEC/PC/Seminar/CHIVI/OLE/H2-)	400-499
Level of the course	CLO 1: Prepare and Present the given content
CourseLearningOutcomes(CLO)	demonstrate the ability of effects
After completing this course, the learner	communication.
will be able to:	CLO2: To develop confidence to tackie que
	and analytical ability.
	Seminar
Credits	2
0.11	2
Teaching Hours per week	50
Max Marks	0
Max. Marks	50
Internal Assessment	1 hour
End Territ Examination	ill be done by the internal examiner
Examination Time	of the seminar will be done by the will be no external
Instructions for Examiner	council of the department. There was
(s) on the parameters as decided by	
examination/viva-voce examination	

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	Session 2024-2025				
	Part-A Introduction	n			
Name of Programme	M.A.Business Econo	omics			
Semester	Second				
Name of the Course	Applied Micro Economics				
Course Code	M24-BEC-201				
Course Type:	CC-5				
Level of the course	400-499				
Pre-requisite for the course (if	n.a.				
any)					
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	<ul> <li>CLO 1. Understand new advances in the theory of fi and think critically analyse economic problems in the context of firm.</li> <li>CLO 2. Adopt different analytical concepts and model in framing development and policy-relevant problem particularly factor pricing and income distribution.</li> <li>CLO 3. Understand the effects of various decisions welfare of people through general equilibrium analysis.</li> <li>CLO 4. Apply Microeconomic tools to solve real lipproblems especially under uncertainty and general theorem.</li> </ul>				
Credits	Theory	Tutorial	Total		
	04	0	04		
Teaching Hours per week	4	0	4		
Internal Assessment Marks	30	0	30		
End Term Exam Marks	70	0	70		
Max. Marks	100	0	100		
Examination Time	3 hours				
Part	-B Contents of the Cou	IFSA			

#### ontents of the

Instructions for Paper- Setter: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unit and the compulsory question. All questions will carry equal marks.

Unit	Topics	Contact Hours
Ι	Managerial Theories of Firm Critical evaluation of marginal analysis; Average Cost Pricing model; Bain's Limit Pricing Theory; Baumol's Sales Revenue Maximization model (all four static models); Marris Model of Managerial Enterprise; Williamson's Model of Managerial	15
II	Managerial       Enterprintly         Discretion. <b>Factor Pricing</b> Pricing of factors of production (modern approach under perfect)         Pricing of factors of production (modern approach under perfect)         and imperfect market); Elasticity of technical substitution and factor shares; Macro theories         and imperfect market); Technical progress and factor shares         factor shares; Technical progress and Market Efficiency         of distribution - Ricardo, Marx, Kalecki and Kaldor.         III       General Equilibrium and Market Efficiency         Kurk	artment of Economic ukshetra University, RUKSHETRA-136119,

						1
	The Walrasian approach to general equilibrium;	Exis	tence, stability			
and uniqueness of the partial equilibrium; Pareto Optimality; 15						
Maximization of social welfare; Market failure: Externalities,						
Public goods and asymmetric information; Moral Hazard and						
	Adverse selection; The theory of second be					
	information – search costs, market signaling.					
IV	Choice Under Uncertainty					
	Inter-temporal choice in consumption; Economics of Uncertainty:					
Risk and Uncertainty in Demand Choices, Measuring Risk, Utility 15						
	Theory and Risk Aversion, Gambling and Insurance, Risk aversion					
	and indifference curves, Reducing fisk and	lveie	and portfolio			
	pooling and lisk spreading, weat-variance and	19515	and portiono			
	Theory of Cames					
	Extensive forms and normal forms domina	int i	strategies and			
	elimination of dominant strategies Nash equili	hriur	n cooperative			
	and non-cooperative games sequential and sit	nulta	neous games.			
	applications with oligopoly markets- Courn	ot.	Bertrand and			
	Stackelberg.	,				
	Total Contact Hours			60		
	Suggested Evaluati	on N	lethods			
	Internal Assessment: 30		End Ter	m Exa	amination:	70
$\triangleright$	Theory	30	> Theory	:	70	
Class Participation: 5 Written Examination						
			vv fit		ammation	
• Se	eminar/presentation/assignment/quiz/class test etc.:	10	vv rit		ammation	
• Se • M	eminar/presentation/assignment/quiz/class test etc.: Iid-Term Exam:	10 15	wm		ammation	
• Se • M	eminar/presentation/assignment/quiz/class test etc.: Iid-Term Exam: Part-C Learning Resou	10 15 Irces	WIII			
• So • M Reco	eminar/presentation/assignment/quiz/class test etc.: Iid-Term Exam: Part-C Learning Resources/LMS: (1070) Part-C Learning Resources/LMS:	10 15 irces				-
• So • M Reco K	eminar/presentation/assignment/quiz/class test etc.: Iid-Term Exam: Part-C Learning Resou mmended Books/E-Resources/LMS: Loutsoyiannis, A. (1979). Modern Microeconom.	10 15 irces	2nd Edition),N	/acmil	lan Press,	-
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• So • M Recon • K Londo • Pi • V • B • H	eminar/presentation/assignment/quiz/class test etc.: Iid-Term Exam: Part-C Learning Resou mmended Books/E-Resources/LMS: Loutsoyiannis, A. (1979). Modern Microeconomic on. indyck, R. &Rubinfeld, D. (2018). Microeconomics Varian, H. (2000), Microeconomic Analysis, W.W. N ain, J. (1958), Barriers to New Competition, Harvan lirshleifer, J. & Glazer, A. (1997), Price Theory and	10 15 ics ( (9th forto rd Un App	2nd Edition),N Edition),Pearson, New York. New York. New York. New York.	Aacmil on Edu Harvar	lan Press, Ication. rd 11 of India.	
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Chairman, Department of Economics Korukshetra University, KORUKSHETRA-136119

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exercises, Academic Press, New York.

- Gravelle, H. & Rees, R. (2008), Micro Economics, Dorling Kindersley.
- Jehle, Geoffrey A. & Reny, Philip J. (2008), Advanced Micro Economic Theory. Dorling Kindersley.
- Varian, H. (2003),, Intermediate Microeconomics, East-West Press
- https://www.edx.org/learn/economics?hs\_analytics\_source=referrals&utm\_source=mooc. org&utm\_medium=referral&utm\_campaign=mooc.org-topics

Department of Economics Chai Kurukshetra University, KURUKSHETRA-136119.

	Session: 2024-25				
	PartA - Introduction				
Name of Programme M.A. Business Economics					
Semester	r	Second			
Name of	f the Course	Applied Macro	Economics	N	
Course (	Code	M24-BEC-202			
CourseT	vpe	CC-6	14		
Level of	the course	400-499			
Pre-requ	isite for the course (if any)		-		
CourseL	earningOutcomes (CLO)	CLO 1:Underst	and the various theor	ies of demand for	
After con	mpleting this course, the learner	money.			
will be a	ble to:	CLO 2:Learn a	nd explain the theories	s of money supply	
		and interest rate	s.		
		CLO 3:Identify	the phases of the busi	ness cycle/inflation	
		and the probler	ns caused by cyclical	fluctuations in the	
		market economy	y and to show an abilit	y to reflect on how	
		economic shock	s affect aggregate econ	nomic performance	
		in the short and	long term.		
		CLO 4: Explain	n the components of a	ggregate economic	
		activity in an op	en economy framework	κ.	
Credits		Theory	Practical	Total	
		4	0	4	
Teachin	g Hours per week	4	0	4	
Internal	Assessment Marks	30	0	30	
End Ter	m Exam Marks	70	0	70	
Max. M	arks	100	0	100	
Examina	ation Time	3 hours			
	Part B	-Contents of the	e Course		
Instruct	tions for Paper- Setter: The example	niner will set 9 c	juestions asking two qu	lestions from each	
unit and	l one compulsory question by tak	ing course learni	ng outcomes (CLOs)	into consideration.	
The com	npulsory question (Question No. 1	) will consist at l	east 4 parts covering e	ntire syllabus. The	
examine	e will be required to attempt 5	questions, select	ing one question from	each unitand the	
compuls	sory question. All questions will car	ry equal marks.			
Unit		Topics		<b>Contact Hours</b>	
I	Theory of Demand for money			15	
	Classical Approach to Demand for	or Money – Quan	tity Theory Approach;		
	Fisher's equilibrium; Cambridg	e Quantity theory	ry; Keynes Liquidity		
	Approach - Transaction; Precar	utionary and Spe	eculative Demand for		
Money;					
Post Keynesian approaches to demand for money: Tobin (Portfolio					
balance approach), Baumol (Inventory theoretic approa			pproaches), Friedman		
	(Restatement of quantity theory	y of money), Pa	atinkin's real balance		
	effect.				
	Theory of Supply for money an	d Interest Rates		15	
	Measures of money supply and	Monetary Aggreg	gates; Determinants of		
	money supply; Money Multipl	ier Approach; B	senavioural model of		
	Money Supply Determination; In	struments of Mon	terary control.		
	Interest Rate and Theories of De	termination of In	iterest Kate: Classical,		

Charminan Department of Economics Kurukshetra University, KURUKSHETRA-136119.

	Loanable Funds and Keynesian; Theories of Ter	rm Stru	cture of Interest		
TTT	1.5				
111	15				
	Classical, Keynesian and Monetarist approaches; Structuralist theory of				
	inflation; Philips curve analysis – Short run and	long ri	in Philips curve;		
	Natural Rate of Unemployment hypothesis; M	odified	Philips curve -		
Ω.	The second secon				
	I neory of Business Cycles		1 0 1 1 0		
	Business Cycle Theories of Kaldor, Samuels	on, Hi	cks, Control of		
13.7	business cycles – relative efficacy of monetary ar	nd fisca	l policies.	1.5	
IV	Open Economy Macroeconomics	. D	1 1 1 1	15	
	Balance of Payment Disequilibrium and Equilibri	num; R	eal and Nominal		
	Exchange Rates; Dornbush Exchange rate	Overs	nooting Model;		
	Mundell- Fleming Model under Fixed and Flexib	le Excr	lange Rates.		
	Recent Developments	Cara a ata	4		
	New Classical Macroscopomics, Adaptive J	Expecta	tion hypothesis;		
	Policy Lucas Supply Curve	xpectat	on Hypothesis,		
	Total Cantast Hauns			(0)	
	00				
	Internal Assessments 20	Metho	as Fad Tama Fac		
D Th	Internal Assessment: 50		End Term Exa	mination: /0	
• Class	70 amination				
- Ciass	nar/presentation/assignment/quiz/alass test ata: 1	0	Witten LA	ammation	
• Seini	Torm Exam:	5			
• Mild-	Part C-Learning Re	source	e c		
Recom	mended Books/e-resources/LMS:	Source			
• N	Iankiw, Gregory N. (2003), Macroeconomics, Wor	th Publ	shers.		
• R	omer, David (2012), Advanced Macroeconomics, M	AcGrav	Hill Education.		
• L	evacic, Rosalind & Rebmann, Alexander (2015), M	acroeco	nomics. Macmil	lan, London.	
• N	lishkin, F.S. (2016), The Economics of Money Ban	king an	d Financial Mark	ets.Pearson.	
• B	ain, K. & Howells, P. (2009), Monetary Ecol	nomics.	Policy and its	Theoretical Basis.	
N	facmillan International Higher Education.			,	
• H	• Handa, Jagdish (2000). Monetary Economics, Routledge, London				
• 6	• Gali I. (2015) Monetary Policy inflation and Business Cycles Princeton University Press				
• F	• Frisch H (1983) Theories of Inflation Cambridge University Press				
• R	omer. D. & Mankiw, N. Gregory (1995). New Keyn	nesian F	Conomics (Volum	ne-2), MIT Press.	
• 5	heffrin, Steven M. (1996), Rational Expectations, (	Cambrid	lge University Pr	ess	
• 6	albacs. Peter (2015), The Theory of New Class	ical M	croeconomics	A Positive Critique	
S	pringer			osinie orinque,	
• h	ttps://nptel.ac.in/courses/130104114				
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Session: 2024-25					
	Part A – Introduction				
Name o	of Programme	M.A. Busines	ss Economics		
Semest	er	Second			
Name	of the Course	Statistical Methods for Business			
Course	Code	M24-BEC-203			
Course	Туре	CC-7			
Level	of the course	400-499			
Pre-rec	uisite for the course (if any)	n.a.			
Course	e Learning Outcomes (CLO) CLO 1: Analyse various data types an				
After completing this course, the learner will techniques proficiently.					
be able	to:	CLO 2:Estin	nate parameters accuratel	y and construct	
		confidence in	tervals effectively.		
		CLO 3: Cor	nduct hypothesis tests co	onfidently using	
		parametric r	nethods and understand	the Neyman-	
		Pearson Lem	ma.		
CLO 4: Choose and apply appropriate nonp				e nonparametric	
tests based on data characteristics with co				confidence.	
CLO 5: Demonstrate the ability to solv				ve the problems	
		mentioned in	CLO 1-4 through a softw	are.	
Credits		Theory	Practical	lotal	
		3	1	4	
Teacht	ng Hours per week	3	2	5	
Interna	l Assessment Marks	20	10	30	
End Te	rm Exam Marks	50	20	70	
Max. N	Iarks	100	0	100	
Examir	nation Time	3 hours			
	Part B-Co	ontents of the	Course		
Instruc	ctions for Paper- Setter: The examin	ner will set 9	questions asking two que	stions from each	
unit and	d one compulsory question by taking of	course learning	g outcomes (CLOs) into co	onsideration. The	
compul	lsory question (Question No. 1) will	l consist at le	ast 4 parts covering enti	re syllabus. The	
examin	ee will be required to attempt 5 qu	estions; select	ing one question from e	ach unit and the	
compul	Isory question. All questions will carry	equal marks.		0 4 4 1	
Unit	Te	opics		Contact Hours	
	Understanding Data and Sampling	Techniques			
	Types of data and statistical analysi	is procedures:	univariate, bivariate and	12	
	multivariate (only overview); Ce	nsus and Sam	and Non Probability	12	
	sampling, Techniques of Sampling: Probability and Non Probability				
	Sampling. Errors Associated with Sampling: Sampling and Non-Sampling				
	determination · Precision Rate and or	nfidence inter	val		
	determination . I recision Rate and C	muchee mici	v u1.		
	Self-Study Contents (not relevant f	or exams):			
	Measures of central tendency. di	spersion. corr	elation and Regression		
	Analysis.	- <u>r</u> , •011		2	
II	Estimation Methods and Interval H	Estimation			
	Estimation: Concept of an estimator	and its samplin	ng distribution, Desirable		
	A	1		the state of the s	

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	properties of a good point estimator. Point Estimation Methods: Least Squares Estimation (LSE), Maximum Likelihood Estimation (MLE), Method of Moments (MOM). Interval Estimation: Confidence					
	Intervals: Factors affecting the width of confidence intervals.					
	Self-Study Contents (not relevant for exams)	):				
	Regression Analysis, Probability theory and Pr	obab	oility distributions			
III	Hypothesis Testing and Parametric Tests					
	Introduction to Hypothesis Testing: Basic Concepts, Null and Alternative					
	Hypotheses, Type I and Type II Errors, Signi	ifica	nce Level and P-Values,	11		
	Critical Regions, Steps involved in hypothe	sis t	esting, Neyman-Pearson			
	Lemma. Common parametric Tests: Z-test, t-te	est,	F-test and ANOVA			
IV	Nonparametric Tests					
	Introduction to non-parametric tests and their	r ad	vantages. Common Non-			
	Parametric Tests: Chi Square test, Mann-Whit	iney	U test, Wilcoxon signed-	11		
	rank test, Kruskal-Wallis test, Friedman	Te	est and Kendall's Tau			
	Test. Choosing between parametric and non-p	aran	netric tests based on data			
	characteristics.					
V	Practicals:					
	1. Students will prepare a Practical file conta	ainin	g 4 Practicals from each	30		
	unit.	1	1 .1 . 1			
	2. Practicals may be done using the software c	nose	n by the teacher.			
	4. Syllabus contains all the contents mentioned	exa	in followed by viva voce.			
Tatal C	4. Synabus contains an the contents mentioned	1 111 (	ne lour units.	75		
TotalC	Ontact Hours		/ - 4] ] -	/5		
·	Suggested Evaluati	on N	Tethods			
Thomas	Internal Assessment: 30	20	End Term Exam	ination: 70		
C1 D		20	Theory: 50	•		
Class Pa	articipation:	5	written Exam	ination		
Seminar	c/presentation/assignment/quiz/class test etc.:	5	-			
Mid-Ter	rm Exam:	10				
Practic	al	10	Practical 20			
Class Pa	articipation:	5	Lab record, Viva-Voc	e, write-up and		
Seminar	r/Demonstration/Viva-voce/Lab records etc.:	5	execution of the	Practical		
Mid-Ter	rm Exam:	F				
	Part C-Learning	Res	ources			
Recom	mended Books/E-Resources/LMS:					

- Anderson, David R., Sweeney, Dennis J. & Williams, Thomas A. (2014). Essentials of Statistics for Business and Economics. South-Western Cengage Learning, USA.
- Barrow, M. (2017). Statistics for Economics, Accounting and Business Studies. Pearson Education.
- Casella, G., & Berger, R. L. (2002). Statistical inference (2nd ed.). Duxbury Press.
- Croxton, F. E., Cowden, D. &Kliein, S. (1951). Applied General Statistics. Prentice Hall, New Delhi.
- Cumming, G. (2009). The new statistics: Why and how. Psychology Press.
- Denis, Daniel J. (2018).SPSS Data Analysis for Univariate, Bivariate, and Multivariate Statistics. John Wiley & Sons Inc., USA.
- Hair, J. F., Black, W. C., Babin, B. J., & Anderson, R. E. (2019). Multivariate data analysis (8th ed.). Pearson Education.

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- Hair, J. F., Black, W. C., Babin, B. J., & Anderson, R. E. (2019). Multivariate data analysis (9th ed.). Pearson Education Limited.
- Hamilton, J. D. (1994). Time series analysis. Princeton University Press.
- Karmal, P.H. & Polasek, M. (1978). Applied Statistics for Economists. Pitman, Australia.
- Lehmann, E. L., & Romano, J. P. (2005). Testing statistical hypotheses (3rd ed.). Springer Science & Business Media.
- Levine, D. M., Stephan, D. G., &Krehbiel, T. C. (2014). Statistics for social data analysis (5th ed.). Pearson Education.
- McLachlan, G., & Peel, D. (2000). Finite mixture models. Wiley.
- Mittelhammer, R. C. (2012). Mathematical Statistics for Economics and Business. Springer-Verlag New York, Inc.
- Montgomery, D. C., &Runger, D. C. (2010). Applied statistics and probability for engineers and scientists (5th ed.). Wiley.
- Naghshpour, S. (2012). Statistics for Economics. Business Expert Press.
- Shao, J. (2003). Mathematical statistics (2nd ed.). Springer Science+Business Media.
- Sharma, J.K. (2012). Business Statistics. Dorling Kindersley (India) Pvt. Ltd., New Delhi
- Sharma, J.K. (2012). Business Statistics. Dorling Kindersley (India) Pvt. Ltd., New Delhi.
- Speigal, M. R. (1972). Theory and Problems of Statistics. McGraw Hill Book, London

Session: 2024-25				
PartA-Introduction				
Name of Programme	M.A.Dusiliess D	cononnes		
Neme of the Course	Deta Analytics f	or Business Economis	te II	
Course Code	M24-BEC-204	of Busiliess Leononns	515 11	
Course Code	CC-8		-/	
Level of the course	400-400			
Pre requisite for the course (if any)	+00-+99			
Te-requisite for the course (if any)CourseLearningOutcomes (CLO)After completing this course, the learnervill be able to:CLO 1: Understand, apply and solve the problemsa software.CLO 2: Understand and compute various regressions in software.CLO 3: Understand and compute the problemsAutocorrelation, Multicollinearilty and heteroskedastici using a software.CLO 4: Understand and compute future value, prese value and financial ratios using a software			e the problems on ypothesis testing in ous regressions in a the problems of d heteroskedasticity ture value, present vare.	
	CLO 5: Demonstrate the ability to solve the contents using a software			
Credits	Theory	Practical	Total	
	3	1	4	
Teaching Hours per week	3	2	5	
Internal Assessment Marks	20	10	30	
End Term Exam Marks	50	20	70	
Max. Marks	70	30	100	
Examination Time	3 hours	3 hours		
Part B-0	Contents o fthe	Course		
<b>Instructions for Paper- Setter:</b> The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unitand the compulsory question. All questions will carry equal marks.				
Unit Te	opics		Contact Hours	
<ol> <li>Interval estimation</li> <li>Hypothesis testing – one sample and two samples t test, Wilcoxon signed- Rank test, Mann – Whitney U test, ANOVA</li> <li>Construction of Index Numbers - Deflating a Series by Price Indexes</li> <li>Time Series Analysis and Forecasting.</li> <li>SELF STUDY CONTENTS (not relevant for exams):</li> </ol>			11	
Excel functions, SPSS, E-VIEWS, STATA				
II       5. Regression analysis – multiple         6. Panel data Analysis         7. Logistic Regression			11	

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	8. Economic Forecasting Using Regression					
	SELF STUDY CONTENTS (not relevant	for e	xams):			
	Excel functions, SPSS, E-VIEWS, STATA					
III	III 9. The problem of Autocorrelation			11		
	10. The problem of Multicollinearily					
	11. The problem of heteroskedasticity					
	12. Economic Forecasting using ARIMA Modelling – Box Jenkins.					
	ACF, PACF					
	SELF STUDY CONTENTS (not relevant	for e	xams):			
	Excel functions, SPSS, E-VIEWS, STATA					
IV	IV 13. Financial Statement Ratio Analysis					
	14. Common Sized Financial Statements and	Du	ont Analysis			
	15. Future Value Lump Sum Calculation	s, Si	imple & Compound			
	Interest; Present Value Lump Sum	Ca	alculations and PV			
	Function;Future Value For Lender Or Bo	rrow	er			
	16. Asset Valuation Using Discounted Cas	h Fle	ow Analysis and PV			
	Function					
Excel functions, SPSS, E-VIEWS, STATA						
V	V Practicals:					
	1. Students will prepare a Practical file containing 4 Practicals from each			30		
unit.			*			
2. Practicals may be done using the software chosen by the teacher.						
3. The external examiner shall take the written exam followed by viva						
voce.						
4. Syllabus contains all the contents mentioned in the four units.						
	Total Contact Hours			75		
	Suggested Evaluati	on N	lethods			
	Internal Assessment: 30		End Term Ex	amination: 70		
Theory	Ŷ	20	Theory:	50		
Class P	articipation:	5	Written Ex	amination		
Semina	ar/presentation/assignment/quiz/class test etc.:	5				
Mid-Te	erm Exam:	10				
Practical		10	Practical	20		
Class Participation:		5	Lab record, Viva-Voce, write-up and			
Seminar/Demonstration/Viva-voce/Lab records etc.: 5		execution of	the Practical			
Mid-Te	erm Exam:	-				
	Part C-Learning	Res	ources			
Recom	mended Books/e-resources/LMS:		Recommended Books/e-resources/LMS:			

- Gary Koop: Analysis of economic data, John Wiley & Sons, 2005
- Thomas Cleff: Applied Statistics and Multivariate Data Analysis for Business and Economics: A Modern Approach Using SPSS, Stata, and Excel, Springer
- Kurt Jechlitschka, Dieter Kirschke and Gerald Schwarz: Microeconomics using Excel: Integrating economic theory, policy analysis and spreadsheet modeling, Routlage
- ShmuelOluwa: Hands-On Financial Modeling with Excel for Microsoft 365, Packt Publishing

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- Abdul kader Aljandali and MotasamTatahi: Economic and Financial Modelling with EViews-A Guide for Students and Professionals
- Joaquim P. Marques de Sá: Applied statistics using SPSS, STATISTICA, MATLAB and R, Springer
- Robert P. Burns, Richard Burns : Business Research Methods and Statistics Using SPSS, Sage.

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Session: 2024-25					
	Par	tA – Introducti	on		
Name o	Name of Programme M.A. Business Economics				
Semest	nester Second				
Name	of the Course	Agricultural De	evelopment and Policy		
Course	Code	M24-BEC-205		,	
Course	Туре	DEC-2			
Level	of the course	400-499			
Pre-rec	Pre-requisite for the course (if any)				
Course	CourseLearningOutcomes (CLO) CLO 1: Understand the nature and scope of as			cope of agricultural	
After c	economics along with Indianagriculture			ral scenario.	
will be	able to:	CLO 2: Explor	re how different appro	aches can improve	
		farming practic	es, create jobs, and bo	ost food production	
		CLO 3:To U	nderstand the Differ	ent Challenges in	
		Indian Agricult	ture	Ũ	
		CLO 4: To an	alysis of current gov	vernmental policies	
		and strategies f	or surviving in the glo	obalizing world	
		Theory	Practical	Total	
Credits	5	4	0	4	
Teachi	ng Hours per week	4	0	4	
Interna	1 Assessment Marks	30	0	30	
End Te	erm Exam Marks	70	0	70	
Max. N	Aarks	100	0	100	
Examir	nation Time	3 hours			
	Part B-C	Contents o fthe	Course		
Instru	ictions for Paper- Setter: The exam	niner will set 9 c	uestions asking two o	uestions from each	
unit a	nd one compulsory question by taki	ng course learni	ing outcomes (CLOs)	into consideration.	
The co	ompulsory question (Question No. 1)	will consist at l	east 4 parts covering of	entire syllabus. The	
exami	nee will be required to attempt 5 c	uestions, select	ing one question from	n each unitand the	
compu	ulsory question. All questions will carr	y equal marks.	2° X		
Unit	To	pics		<b>Contact Hours</b>	
I	Introduction To Agriculture Econ	omics			
	Agricultural Economics - Definit	tion, Nature an	d Scope, Types of		
	Agriculture: Subsistence, Commer	rcial Agriculture	e,Rural Horticulture.	15	
	Dairying; Role of agriculture in Economic development; Indian				
	Agriculture Scenario, Post-Independ	lence period, L	and Reforms, Green		
	Revolution				
	Theories of Agricultural Developr	nent	1.2.4 - 1. 2 1.		
	Lewis theory; Schultz's Transformation of Traditional Agriculture; Mellor's Model of Agricultural Development; Boserup Model of Agriculture Development; Ranis – Fei Model of Agriculture Development; Tadam'a model of rural urban migration and			15	
				15	
	unemployment: Hayami - Ruttan Induced Innovation Hypothesis				
III Contemporary Challenges in Indian agriculture					
Agricultural Productivity in India – Causes of low productivity and			й. 		
suggestions to increase productivity in India: Food security: Agriculture 15				15	
	marketing, marketable surplus Agri	cultural finance:	Rural credit: Energy	/	
	use in agriculture, Problems of Agr	icultural Labour	measures to improve	-	
			No	×	
			18	/	

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	the manifian Easters responsible for unemployer	ent		
IV	History and policies for Agricultural Develor	mon	t in India	
1 1 1	1V History and policies for Agricultural Development in India Tranda in production since 1050: National Food Policy: Agricultural			
	nolicy and Rural Development Agricultural	nat	tern – Food crops	15
	Commercial crops National Agricultural price	noli	cy Trends in India's	15
	agricultural exports and imports and implice	pon	WTO and Indian	
	Agricultural challenges and priorities in	the	Global economy	
	Agricultural subsides	uic	Giobal contonity,	
	Agricultural subsides.		Total Contact Hour	60
	Suggested Evaluati	on M	lethods	s <u> </u>
	Internal Assessment: 30		End Term Ex	amination: 70
Theor	v	30	Theory:	70
Class	Participation:	5	Written Ex	kamination
Semin	ar/presentation/assignment/quiz/class test etc.	10		
Mid_T	'erm Exam'	15		
IVIIU-I	Part C-Learning	Res	ources	
Recon	nmended Books/e-resources/LMS: • Recommen	ded	Books/E-Resources/	LMS:
- F	Bhalla G.S. (2007) Indian Agricultural Since Ind	onon	dence National Book	Trust India
<ul> <li>Datt, G. &amp; Mahajan, A (2020) Datt &amp; Sundharam's Indian Economy, S.Chand Publishers, New Dalbi</li> </ul>				
<ul> <li>Ezaz Anwar, Md (2019), Agriculture and Economic Development in India, New Century Publications</li> </ul>				
<ul> <li>Gardener, Bruce L., &amp;Rausser, Gordon C. (Eds.) (2002), Handbook of Agricultural Economics, Vol 24- Agriculture and Its External Linkages, Amsterdam, Elsevier Science B.V</li> </ul>				
• (	Goswami, B, Bezbaruah, M. P. & Mandal, R. (Ed Revolution: Changes and Challenges, Routledge, 1	is.), New	(2017) <i>Indian Agricu</i> York	lture after the Green
<ul> <li>Lekhi, R.k&amp;singh J, (2019). Agricultural Economics An Indian Perspective , Kalyani publication</li> <li>Moss, C.B. (2010). <i>Risk, Uncertainty and the Agricultural Firm</i>, World Scientific Publishing Co.</li> </ul>				
<ul> <li>Pte. Ltd. Singapore.</li> <li>Paroda, R. S. (2018), Reorienting Indian Agriculture: Challenges and Opportunities, CABI,</li> </ul>				
• F	Countries Pergamon Press Great Britain.	y an	d Practice and Appli	cation to Developing
<ul> <li>Singh, Kuldeep (2010) Agricultural Trajectories and Environment Dilemma: Some Evidence from Haryana. Agricultural Situation in India, 67(3).</li> </ul>				
• \ H	Westley, J. R. (2019), Agriculture and Equito Routledge, New York.	able	Growth: The Case	of Punjab-Haryana

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Session: 2024-25				
Part A – Introduction				
Name	Name of Programme M.A. Business Economics			
Semest	ter	Second		
Name	of the Course	Management Co	oncepts and Organization	n Behaviour
Course	e Code	M24-BEC-206		
Course	е Туре	DEC-2		
Level	of the course	400-499		
Pre-ree	quisite for the course (if any)			
Course	e Learning Outcomes (CLO)	CLO 1: Unders	stand management functi	ons, theories, and
After c	completing this course, the learner	develop Mintzb	erg's roles alongside esse	ential skills.
will be	able to:	CLO 2: Gras	p planning importance	e, organizational
		structures, deleg	gation, and control proce	sses.
		CLO 3: 0	Comprehend organizati	onal behaviour,
		individual traits	, and group dynamics.	1 11 .
		CLO 4: G	ain insights into lead	dership theories,
		communication	methods, organization	hal culture, and
		Theory	Practical	Total
Credit	s	<u>4</u>	0	10141
Teach	ing Hours per week	4	0	4
Interna	al Assessment Marks	30	0	30
End Te	erm Exam Marks	70	0	70
Max. M	Marks	100	0	100
Exami	nation Time	3 hours		100
	PartB-C	ontents of the	Course	
Instru	ctions for Paper- Setter: The exam	niner will set 9 c	uestions asking two que	estions from each
unit an	d one compulsory question by taking	g course learning	outcomes (CLOs) into c	consideration. The
compu	lsory question (Question No. 1) w	ill consist at lea	ast 4 parts covering ent	ire syllabus. The
examin	nee will be required to attempt 5 q	uestions; selecti	ng one question from e	each unit and the
compu	lsory question. All questions will car	ry equal marks.		
Unit	Т	opics		<b>Contact Hours</b>
I	I Introduction to Management and Managerial Roles			
	Introduction to Management: Definition, functions, and evolution of			15
	management, Management Theories: Classical, behavioral, contingency, 15			
	and modern management theories, Managerial Roles and Skills: Mintzberg's			
п	managerial roles, technical, interpersonal, and conceptual skills.			
	II Planning, Organizing, and Controlling			
process Organizing: Organizational structure authority delegation and			15	
departmentalization: Controlling: Control process types of control and			10	
performance measurement.				
III Organizational Behavior and Group Dynamics				
Understanding Organizational Behavior: Definition, scope, and importance				
of organizational behavior. Individual Behavior in Organizations:				15
Personality, perception, attitudes, values, and motivation; Group Dynamics:				
	Types of groups, stages of group de	velopment, and g	group cohesion.	

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IV	Leadership, Communication, Culture, and G	loba	Context		
	Leadership and Power: Theories of leadersh				
	leadership styles; Communication in C	15			
	communication, barriers to communication, and effective communication				
	techniques; Organizational Culture and Change	: Def	inition of organizational		
	culture, types of organizational culture, an	d m	anaging organizational		
	change; Organizational Behavior in Globa	al C	ontext: Cross-cultural		
	differences, diversity management, and global t	eams			
	Total Contact Hours			60	
	Suggested Evaluat	ion N	lethods		
	Internal Assessment: 30		End Term Exam	ination: 70	
Theo	ory	30	Theory: 70		
Class	s Participation:	5	Written Exan	nination	
Semi	inar/presentation/assignment/quiz/class test etc.:	10			
Mid	Term Exam:	15			
IVIIG	Part C-Learning	Res	ources		
Page	mmended Books/F-Resources/LMS.	100		and the second	
need	Bose D Chandra (2012) Principles of M	anaor	ement and Administratio	n PHI Learning	
-	Private Limited Delhi	unug	mont and mannistratio	in Thi Douling	
	Brockmann Erich N & Anthony Willia	m P	(2016) Tacit knowled	ge and strategic	
•	decision making Group & Organization Manager	ment	(2010). Tach Knowled 27 (4) 436_455	ge and strategie	
	Conce Dereld (1027) The Neture of the Ei	E	27(4), 450-455.	)5	
•	Coase, Ronald (1937). The Nature of the Fi		$\frac{1}{10}, \frac{1}{10}, \frac{1}{10}, \frac{1}{10}$	15.	
•	Deming, W. Edwards (1994). Out of the Cri	1 SIS. 1	ne MIT Press.	ACII D	
•	Dwivedi, R.S. (2001). Human Relations and	i Org	anisationalBehaviour. M	cMillan Press.	
•	• Frensch, Peter A. &Funke, Joachim (Eds.). (1995). Complex problem solving: the				
European perspective. Hillsdale, NJ: Lawrence Erlbaum Associates.					
•	Gagne, Nana Okura (2017). Correcting Ca	apital	ism: Changing Metrics	and Meanings of	
	Work among Japanese Employees. Journal of Co	ntem	porary Asia. 48 (1), 67–8	7.	
•	Handy, Charles (1990). Inside Organizat	ions:	21 Ideas for Managers	. London: BBC	
	Books.				
•	<ul> <li>Handy, Charles (2005). Understanding Organizations. London: Penguin Books.</li> </ul>				
•	Herbert, Alexander Simon (1977). The New	w Sci	ence of Management De	ecision. Prentice-	
	Hall.				
	• Hewlett, R. (2006). The Cognitive leader. Rowman& Littlefield Pub Inc.				
	• Hindle, Tim (2008), Guide to Management Ideas and Gurus. New York: Bloomberg Press.				
	• https://onlinelibrary.wiley.com/doi/abs/10.1111/j.1540-4781.1997.tb05515.x				
	Kahneman, Daniel & Tversky, Amos, (Eds	s.). (2	000). Choices, values, a	and frames. New	
	York: Cambridge, UK: Russell Sage Foundation: Cambridge University Press				
	• Koontz H Weihrich H & Cannice Mark V (2020) Essentials of Management: An				
	International, Innovative and Leadership Perspective, McGraw Hill Education (India) Private				
	Limited. Chennai				
	• LaFollette William R & Fleming Richard I (1077) The Historical Antecedents of				
	Management by Objectives. Academy of Manage	ement	Proceedings 1977 (1)	2-5.	
	• Luthans Fred (2011) Organisational Behaviur Tata McGraw Hill				
	Mio C Venturalli A & Leonizzi R (2015) Management by objectives and compared				
-	social responsibility disclosure.	1.5). 1	management by objectiv	es and corporate	
	Passenheim (2010) Change Manager	nent	Ventue Dubliching (A)	vailable for free	
		IIVIII.	volitus i ublishing lA	vanance in ncc	

Passenheim, O. (2010). Change Management. Ventus Publishing (Available download at bookboon.com).

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- Rudani, R.B. (2011). Management and OrganisationalBehaviour. Tata McGraw Hill Education Private Limited.
- Sudha, G.S. (2003). Management Concepts and OrganisationalBehaviour. RBSA Publishers.

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Session: 2024-25						
PartA – Introduction						
Name	of Programme	M.A. Business Ed	conomics			
Semes	ter	Second				
Name	of the Course	Development of I	Economic Thought in I	India		
Course	e Code	M24-BEC-207				
Course	еТуре	DEC-2				
Level	of the course	400-499				
Pre-re	quisite for the course (if any)		n.a.			
Course	e Learning Outcomes (CLO)	CLO 1: To un	nderstand the contri	bution of ancient		
After o	completing this course, the learner	economic thinker	s in India.			
will be	e able to:	CLO 2: To unde	rstand the contribution	n of Gokhle, Joshi,		
		Vakil etc.				
	(20)	CLO 3: To unde	rstand the contribution	n of Mehta, Gadgil		
		and Rao.				
		CLO 4: To under	rstand the contribution	i of Gandhi, Nehru		
and Ambedkar.						
Credit	S	Theory	Practical	Total		
TT 1	• • • •	4	0	4		
Teach	ing Hours per week	4	0	4		
Interna	al Assessment Marks	30	0	30		
End Te	erm Exam Marks	/0	0	100		
Max. N	Marks	100	0	100		
Exami	nation lime	3 nours	Carrier			
	Part B	-Contents o Ithe	Course	westing from anoth		
Instru	ictions for Paper- Setter: The exa	aminer will set 9 (	questions asking two (	questions from each		
unit an	a one compulsory question by taki	ng course learning	outcomes (CLOS) mil	entire syllabus. The		
compu	nea will be required to attempt 5	auestions select	ing one question from	m each unitand the		
compu	les will be required to attempt of	rry equal marks	ing one question not	in each anntand the		
Unit	lisory question. An questions will ea	Fonics		Contact Hours		
I	Ancient Economic Thought: k	autilya's Arthshas	tra - Importanceof	15		
	Agriculture and Animal Husband	ry Labour Trade.	Population, Slavery,	10		
	Welfare State Private Property	- Consumption	and Production -			
	Economic Functions of State.					
	DadadhaiNaoroji: Poverty, Taxation, Public Debt, Drain Theory.					
	DinshawEduljiWacha: Causes of	of Famines, Indu	strial Development,			
	Currency Policy, Importance of Economic, Commerce and Statistics.					
II	II Gopal Krishna Gokhale: Public Expenditure and Financial Reforms.					
	Finance, Economic Planning.					
	P.C. Mahalanobis: Neo-Marxian N	Model of Economic	c Development			
	C.N. Vakil: Fiscal Policy of India,	Financial Develop	ments in India.			
TTT	P.K. Brahmananda: Wage-Goods	Model.	. 15 .	15		
	III J.K. Metha: State of Wantlessness, Static Economic and Dynamic 15					

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mics,Growth and Planned Economic and Development. Fax in India, Full ancing.				
<ul> <li>IV M.K. Gandhi: Three Phases of Gandhi's Economic Thought, Welfare 15</li> <li>Economy, Decentralization, Regeneration of Villages - Khadi</li> <li>Industry,Doctrine of Trusteeship, Labour Welfare, Exchange</li> <li>Economy, Sarvodaya.</li> <li>Jawaharlal Nehru: Democracy, Planning, Large-Scale Industries, Rural</li> <li>Development, Socialism.</li> <li>B.R. Ambedkar: Financial Economics, Agricultural Economics,</li> <li>Economics of Caste and Socialism.</li> <li>A.K. San: Powerty Famine Welfare Economics</li> </ul>				
<b>Cotal Contact hours</b> 60				
thods				
End Term Examination: 70				
heory: 70				
Written Examination				

Part C-Learning Resources

Recommended Books/e-resources/LMS:

• BasuKaushik, (1995) Of Peoples and Places, Oxford University Press, Delhi

• Bhatia H L, (1980) History of Economic Thought, Vikas Publishing House Pvt Ltd, Ghaziabad.

- DattaBhabatosh, (1978) Indian Economic Thought, Tata McGraw-Hill Pub., Company Ltd, New Delhi.
- Lokanathan V, (2004) A History of Economic Thought, S. Chand and Company Limited, New Delhi
- Madan G R, (2004) Economic Thinking in India, S Chand and Company Ltd, New Delhi.
- Shamasastry, R. (2012) Kautilya's Arthasastra, Mysore Printing and Publishing House, Mysore.
- Srivastava S K, (2002) History of Economic Thought, S Chand and Company Ltd, New Delhi.
- Balasubramanyam. V.N, (2001) Conversations with Indian Economists, Macmillan Ltd, New Delhi.

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	Session: 2024-25				
	Part	A – Introducti	on		
Name o	of the Programme	Common to all	PG Programmes		
Semeste	er	Second			
Name of	of the Course	Constitutional,	Human and Moral Values	, and IPR	
Course	Code	M24-CHM-201			
Course	Туре	CHM	ň.	15	
Level o	of the course	400-499			
Pre-req	uisite for the course (if any)		n.a.		
Course	Learning Outcomes (CLO)	CLO-1: Learn	the different Constitu	itional Values,	
After completing this course, the learner Fundamental rights and duties enshring				ed in the India	
will be	able to:	Constitution.			
		CLO-2: Under	rstand humanism, huma	in virtues and	
		values, and ide	of International peace.		
		CLO-3: Grasp	the basic concepts of Mo	oral Values and	
		Professional C	onduct which are require	d to become a	
		part of the	civil society and f	or developing	
		professionalism	1. 	- to 1 December	
		CLO-4: Under	stand concepts of intell	ectual Property	
Rights, Copyright, Patent, Trademar				etc., and about	
Cult	a 	Theory	Bractical	Total	
Credits	2				
T 1'	2				
Teachi	ng Hours per week	15	0	15	
Interna	Assessment Marks	15	0	25	
End le	rm Exam Marks	35	0	50	
Max. N	1arks	30	0	30	
Examir	nation lime	3 nours	Course		
	PartB -	Contentsolthe	Course	tions from each	
Instruc	ctions for Paper- Setter: The exam	iner will set 9 g	uestions asking two ques	consideration	
unit an	d one compulsory question by taki	ng course learni	ast 4 parts covering entit	re syllabus. The	
The con	mpulsory question (Question No. 1)	will consist at i	ing one question from e	ach unitand the	
examin	lee will be required to attempt 5 c	ry equal marks	ing one question nom ea	ton unitality the	
Unit	Sory question. An questions will car	Topics		Contact Hours	
I	Constitutional Values	Topics		8	
	Historical Perspective of Indian Co	onstitution. Basic	c Values enshrined in the	Ŭ	
	Preamble of the Indian Constituti	ion: Concept of	Constitutional Morality:		
	Duties ; Directive Principles of the State Policy.				
II	II Humanistic Values				
	Human Beings; Ethical ways to	deal with huma	an aspirations; Harmony		
with society and nature; Idea of International Peace and Brotherhood					
	(VasudhaivKutumbkam).		ñ		
III	Moral Values and Professional C	Conduct		8	
	Understanding Morality and Mora	l Values; Moral	Education and Character		
Building; Ethics of Relations: Personal, Social and Professional;					

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	Introduction to Gender Sensitization; Affirmative approach towards Weaker Sections (SCs, STs, OBCs, EWS& DAs); Ethical Conduct in	
	Higher Education Institutions; Professional Ethics.	
IV	Intellectual Property Rights	7
	Meaning, Origins and Nature of Intellectual Property Rights	
	(IPRs);Different Kinds of IPRs - Copyright, Patent, Trademark, Trade	
	Secret/Dress, Design, Traditional Knowledge; Infringement and Offences	
	of IPRs - Remedies and Penalties; Basics of Plagiarism policy of UGC.	
Note: Se	cope of the syllabus shall be restricted to generic and introductory level of	
mention	ied topics.	

		Total Con	itact Hours 30	
Suggested Evalua	tion N	lethods		
Internal Assessment: 15		End Te	erm Examination: 35	
Theory	15	Theory	35	
Class Participation:	4	Written Examination		
Seminar/presentation/assignment/quiz/class test etc.:	4	1		
Mid-Term Exam:	7			
Part C-Learnin	g Res	ources		

### Recommended Books/e-resources/LMS:

- Ahuja, V K. (2017). Law relating to Intellectual Property Rights, India, IN: Lexis Nexis.
- Bajpai, B. L., Indian Ethos and Modern Management, New Royal Book Co., Lucknow, 2004.
- Basu, D.D., *Introduction to the Constitution of India* (Students Edition) Prentice Hall of India Pvt. Ltd., New Delhi, 20th ed., 2008.
- Dhar, P.L. & R.R. Gaur, Science and Humanism, Commonwealth Publishers, New Delhi, 1990.
- George, Sussan, How the Other Half Dies, Penguin Press, 1976.
- Govindarajan, M., S. Natarajan, V.S. Sendilkumar (eds.), *Engineering Ethics (Including Human Values)*, Prentice Hall of India Private Ltd, New Delhi, 2004.
- Harries, Charles E., Michael S. Pritchard & Michael J. Robins, *Engineering Ethics*, Thompson Asia, New Delhi, 2003.
- Illich, Ivan, Energy & Equity, Trinity Press, Worcester, 1974.
- Meadows, Donella H., Dennis L. Meadows, Jorgen Randers & William W. Behrens, *Limits to Growth: Club of Rome's Report*, Universe Books, 1972.
- Myneni, S.R, Law of Intellectual Property, Asian Law House.
- Narayanan, P, IPRs.
- Neeraj, P., &Khusdeep, D. (2014). Intellectual Property Rights, India, IN: PHI learning Private Limited.
- Nithyananda, K V. (2019). Intellectual Property Rights: Protectionand Management. India, IN: Cengage Learning India PrivateLimited.
- Palekar, Subhas, *How to practice Natural Farming*, Pracheen (Vaidik) KrishiTantraShodh, Amravati, 2000.
- Phaneesh, K.R., Constitution of India and Professional Ethics, New Delhi.
- Pylee, M.V., An Introduction to Constitution of India, Vikas Publishing, New Delhi, 2002.
- Raman, B.S., Constitution of India, New Delhi, 2002.
- Reddy, B., Intellectual Property Rights and the Law, Gogia Law Agency.
- Reddy, N.H., SantoshAjmera, Ethics, Integrity and Aptitude, McGraw Hill, New Delhi.
- Sharma, Brij Kishore, Introduction to the Constitution of India, New Delhi,
- Schumacher, E.F., Small is Beautiful: A Study of Economics as if People Mattered, Blond &

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Briggs, Britain, 1973.

- Singles, Shubhamet. al., *Constitution of India and Professional Ethics*, Cengage Learning India Pvt. Ltd., Latest Edition, New Delhi, 2018.
- Tripathy, A.N., Human Values, New Age International Publishers, New Delhi, 2003.
- Wadehra, B.L., Law relating to Intellectual Property, Universal Law Publishing Co. Relevant Websites, Movies and Documentaries
- Value Education Websites, http://uhv.ac.in, http://www.uptu.ac.in.
- Story of Stuff, http://www.storyofstuff.com
- Cell for IPR Promotion and Management: http://cipam.gov.in/.
- World Intellectual Property Organization: <u>https://www.wipo.int/about-ip/en/</u>
- Office of the Controller General of Patents, Designs & Trademarks: http://www.ipindia.nic.in/
- Al Gore, An Inconvenient Truth, Paramount Classics, USA.
- Charlie Chaplin, Modern Times, United Artists, USA.
- Modern Technology The Untold Story, IIT, Delhi.
- A. Gandhi, *Right Here Right Now*, Cyclewala Productions.

Session: 2025-26					
PartA – Introduction					
Name of Programme	M.A. Busines	ss Economics			
Semester	Third				
Name of the Course	International	Economics			
Course Code	M24-BEC-30	)1			
CourseType	CC-9				
Level of the course	500-599				
Pre-requisite for the course (if any)		na			
CourseLearningOutcomes (CLO) CLO 1:Understand the role and significance of					
After completing this course, the learner will	International	Economics in the globa	al economy		
be able to:	CLO 2:Learn	, compare and critically	y evaluate the new		
	trade theories	and their relevance in	today's scenario.		
	CLO 3: Com	prehend the reasons bel	hind and impact of		
	trade restrict	ions and protectionist	policies, including		
	tariffs and no	n-tariff barriers.			
CLO 4:Understand, explain and present variou					
	approaches of	of foreign exchange 1	rate determination		
	especially in	a torward market	and Comprehend		
2 D	various mod	els of balance of pay	yment. Learn and		
framework					
Credits	Theory	Practical	Total		
	10141				
Teaching Hours per week	4	0	4		
Internal Assessment Marks	30	0	4		
End Term Exam Marks	70	0	70		
Max. Marks	100	0	100		
Examination Time	3 hours		100		
PartB –	Contentsofthe	Course			
Instructions for Paper- Setter: The exam	iner will set 9 o	uestions asking two ou	lestions from each		
unit and one compulsory question by takir	ig course learni	ng outcomes (CLOs)	into consideration.		
The compulsory question (Question No. 1)	will consist at 1	east 4 parts covering en	ntire syllabus. The		
examinee will be required to attempt 5 q	uestions, selecti	ing one question from	each unitand the		
compulsory question. All questions will carry	y equal marks.				
Unit To	opics		Contact Hours		
<sup>1</sup> Fundamentals of International Tra	ide		15		
Introduction to International Trade	and world eco	nomy; importance of			
international economics; Trade Th	international economics; Trade Theories: mercantilists view on trade,				
trade based on absolute and comparative advantage, comparative					
advantage and opportunity cost, factor endowment and Hecksher - Ohlin					
theory, Stopler - Samulson theorem,	15				
<sup>11</sup> New Trade Theories	11 New Trade Theories				
Kravis and Linder Theory: role of d	i.e. changes in tastes,				
technology and factor endowments	in explaining th	e emergence of trade;			
rybnszynski theorem – concept and	policy implica	ations of immiserzing			
growth; causes of emergence and me	easurement of in	ntra industry trade and	8		
its impact of developing economie	es. gains from	trade, distribution of			
gains, meaning and types of terms	of trade, Mill's	doctrine, offer curves			

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	and equilibrium terms of trade, effects of chan	ge ir	n dema	and and supply	,
	problems of measurement of terms of trade				
	Trade restrictions & Rationale for Protection				15
	Meaning of tariff, partial equilibrium analysis	of a	tariff,	theory of tarif	f
	structure, general equilibrium analysis of a t	ariff	in a	small country	,
	optimum tariff, non-tariff trade barriers and ne	w p	rotectio	onism, politica	1
	economy of protectionism. Infant industry arguing	ment	; conc	ept of effective	e
	protection; political economy of Non-Trade Bar	rriers	(NTE	B). Regionalism	1
	versus Multilateralism.				
IV	Balance of Payment				15
	Concepts, structure and disequilibrium in Balan	ce of	f paym	ents; Monetary	7
	model of BOP under fixed and flexible exchan	ige r	ates, I	Devaluation and	1
	BOP crisis- Effects of Devaluation; elasticity a	and A	Absorp	tion Approach	-
	Marshall- Lerner Condition, J-Curve; Foreign tra	ade r	nultipl	ier.	
	Open Economy Adjustment Policies				
	Internal and external balance; Swan Diagram, Assignment Problem;				
	Expenditure Switching and changing policies;	Mur	ndell-F	leming Model	-
	Combining monetary and fiscal policies.			×	
			Total	Contact Hour	rs 60
	Suggested Evaluati	on N	lethoo	ls	
	Internal Assessment: 30			End Term Ex	amination: 70
> T	heory	30	Þ	Theory:	70
• Cla	ss Participation:	5		Written Ex	amination
• Sen	ninar/presentation/assignment/quiz/class test etc.:	10			
• Mic	d-Term Exam:	15			
	Part C-Learning	Reso	ources	5	
Recor	nmended Books/e-resources/LMS:				
• Do	ominick Salvatore (2004), Introduction to Internat	ional	Econ	omics , Wiley I	ndia (Jw)
• Paul R. Krugman, Maurice Obstfeld& Marc Melitz (2013), International Economics: Theory and					
Policy, Pearson Publication.					
• H G Mannur (1999), International Economics, Vikas Publishing House.					
• Sö	dersten, Bo (1994), International Economics, Hou	ndm	ills, Ba	singstoke, Har	npshire: Macmillan.
• Ba	tra, R. N. (1973), Studies in the Pure Theory of In	itern	ationa	l Trade, St. Mar	tin's Press, August.
• Bł	nagwati, J. N. (1987), International trade: Selected	d rea	dings.	MIT Press, Ca	mbridge.
• Et	hier W. I. (1005) Modern International Economi	ce M	IWN	lorton & Co	

• Heffernan, S. & Sinclair, P. (1991), Modern International Economics, Wiley-Blackwell

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- e-PGPathshala (inflibnet.ac.in)
- Unit-18.pdf (egyankosh.ac.in)

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Session: 2025-26						
Part A – Introduction						
Name of	Name of Programme M.A. Business Economics					
Semester	r	Third				
Name of	f the Course	Economics of	Growth and Develo	pment		
Course (	Code	M24-BEC-30	2			
CourseT	уре	CC-10				
Level of	f the course	500-599				
Pre-requ	isite for the course (if		n.a.			
any)	ny)					
Course I	Learning Outcomes (CLO)	CLO 1: To a	ppreciate and interp	ret the nature of		
After con	mpleting this course, the	Economic Gr	owth & Development	nt with a view to		
learner w	vill be able to:	measure and 1	mark its trajectory.			
		CLO 2: To	understand the	classical growth		
models, role of innovations and stages of growth						
with their historical origins.						
CLO 3: To comprehend the neo-classical and						
Cambridge growth models with mathematical						
	treatment.					
1	CLO 4: To be aware of the new growth theory					
with focus on human resource development,						
	knowledge, technical progress.					
Credits		Theory	Practical	Total		
		4	0	4		
Teachin	g Hours per week	4	0	4		
Internal	Assessment Marks	30	0	30		
End Terr	m Exam Marks	70	0	70		
Max. Ma	arks	100	0	100		
Examina	ation Time	3 hours				
	Part B-C	ontents of the	e Course			
Instruct	tions for Paper- Setter: The	examiner will	set 9 questions aski	ng two questions		
from eac	ch unit and one compulsory qu	uestion by taki	ng course learning of	outcomes (CLOs)		
into con	sideration. The compulsory qu	estion (Question	on No. 1) will consi	st at least 4 parts		
covering	g entire syllabus. The examine	e will be requ	ired to attempt 5 qu	estions, selecting		
one que	stion from each unit and the o	compulsory qu	estion. All questions	s will carry equal		
marks.						
Unit	T	opics		Contact		
IC	oncents & Massurament of F	conomic Dave	lonment	Hours		
F	volution of concept of Econor	nic growth F	conomic developme	nt. 15		
	Canability Approach: Goulet's core values of development Historical					
ne	erspective of Economic Gro	with and its	relevance: Structu	ral		
di	iversity and common character	ristics of deve	loping nations Glob	pal		
N	orth and the Global South divi	de Measuring	Development: Incor	ne		
M	feasures Basic Needs An	proach POI	I HDI Sustainal	ble		
de	evelopment and Climate Chang	ge, Sustainable	Development Goals.			
S	ELF STUDY CONTENTS (r	not relevant for	exams): Indicators	of		
		SELF STODT CONTENTS (not relevant for exams). Indicators of				

1.						
	Economic Development, World Bank Cate	gori	zation of Countries on			
TT	nie oasis of per capita nicome wintennum		tu Inconclitu and			
	Development: Measurement, Impact and	cy options, Dualism,	15			
	Centre-Periphery Model and Process of Cu	mula	ative Causation, Lewis			
	model of economic development, Ranis a	nd F	ei model, Jorgenson's			
	model, Balanced and Unbalanced growth,	Ecot	age effect Hirschman			
	and Nurkse, Rostow's Theory of Stages of	LCOI	lonne Growui.			
	SELF STUDY CONTENTS (not rele	vant	for exams):Unequal			
	Distribution of World GDP, Vicious	Circ	cle of Poverty, Basic			
	concept of Dualism					
III	Strategies for Growth and Development	. 1 3	(	15		
	Contributions of Adam Smith, Ricardo, K	arl f	Marx and Schumpeter,	15		
	Models: Solow and Meade: Cambridg	e G	rowth Models. Joan	0.52 5.		
	Robinson, Kaldor.		iowin models. vour			
	SELF STUDY CONTENTS (not relevant	for	exams): Comparison			
	of Basic Assumptions of different School of	f Th	oughts			
IV	IV New Growth Theory: Production Function Approaches: Learning by					
	Doing; Total Factor Productivity; Growth Accounting, Ramsay's rule					
	and optimal saving; Golden Rule of Accumulation; Technical					
	Uzawa-Lucas AK).		Jwill Would's (Romer,			
	SELF STUDY CONTENTS (not relev	ant	for exams): Role of			
	Health and Education in Economic Develo	pmer	nt.			
Total	Contact Hours			60		
	Suggested Evaluat	ionN	Iethods			
	Internal Assessment: 30		End Term Exami	nation: 70		
Theor	ry	30	Theory: 70			
Class	Participation:	5	Written Exami	ination		
Semin	nar/presentation/assignment/quiz/class test	10				
etc.:		1.0				
Mid-T	Ferm Exam:	15 D				
	Part C-Learning	, Re	sources			
Recor	nmended Books/e-resources/LMS:	- C	rowth and Dovalonm	ont Stanford		
• A	Iniversity Press Stanford	C C	rowin and Developin	ient, Stanioiu		
• B	• Barro R I & Sala-i-Martin X (2004) Economic Growth MIT Press					
• Behrman, S. & Srinivasan, T.N (Eds.) (1995). Handbook of Development Economics.						
Vol. 3. Elsevier, Amsterdam.						
• C	• Chenery, H. & Srinivasan, T.N. (Eds.) (1989). Handbook of Development Economics,					
V	Vol. 1 & 2. Elsevier, Amsterdam.					
• G	• Ghatak, S. (1986). An Introduction to Development Economics, Allen and Unwin,					
L	ondon.	~				
• 6	fillis, M., Perkins, D.H., Romer, M. &	Sno	dgrass, D.R. (1992).	Economics of		
I L	revelopment w w Norton New York					
	evelopment, w. w. Horton, new Tork.		ter and the second s			

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- Higgins, B. (1959). Economic Development, W.W. Norton, New York.
- Jones, H.G. (1975). An introduction to modern theories of economic growth, London: Thomas Nelson Ltd.
- Kindleberger, C.P. (1977). Economic Development, McGraw Hill, New York.
- Meier, G.M. & Rauch, J.E. (2005).Leading Issues in Economic Development. Oxford University Press, New Delhi.
- Schultz, Paul T. & Strauss, J. (Eds.). (2008). Handbook of Development Economics, Vol. 3. Elsevier, Amsterdam.
- Sen, A.K. (Ed.). (1990). Growth Economics, Penguin, Harmondsworth.
- Thirlwall, A.P. (1999). Growth and Development, Macmillan, U.K.
- Todaro, M.P. & Smith, S.C. (2003). Economic Development, Pearson Education
- <u>https://youtube.com/playlist?list=PLwdnzlV3ogoXxAT0AGHAQ3iMswK39C6gS&si=faFLJLVTRKQCdL87</u>
- <u>https://youtube.com/playlist?list=PLUl4u3cNGP61kvh3caDts2R6LmkYbmzaG&si=Jp</u> <u>Hs-HHu-tkpyXX9</u>
- <u>https://youtu.be/UVAT8-ShzIc?si=-QxZAaYZsSyfBaLN</u>

PartA - Introduction           Name of Programme         M.A.Business Economics           Semester         Third           Name of the Course         Corporate Financial Economics           Course Code         M24-BEC-303           Course Type         DEC-3           Level of the course         500-599           Pre-requisite for the course (if any)         n.a.           Course.LearningOutcomes (CLO)         CLO 1: Understand, apply and solve the time value of money problems and its applications in investment evaluation criteria.           Will be able to:         CLO 2: Understand and compute various costs of capital and design an optimal capital structure.           CLO 3: Understand theoretically how dividend decisions are taken in corporate sector and design a dividend policy for a firm.           CCredits         Theory         Practical           There The Xam Marks         30         0         30           Examination Time         3 hours         IO         100           Examination Time         3 hours         IO         100           Instructions for Paper- Setter: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration.         15           The Capital Budgeting         15         15           Instructines of Capital Structure		Session: 2025-26					
Name of Programme       M.A.Business Economics         Semester       Third         Name of the Course       Corporate Financial Economics         Course Code       M24-BEC-303         Course Type       DEC-3         Level of the course       500-599         Pre-requisite for the course (if any)       n.a.         CourseLearningOutcomes (CLO)       CLO 1: Understand, apply and solve the time value of money problems and its applications in investment evaluation criteria.         Vill be able to:       CLO 2: Understand and compute various costs of capital and design an optimal capital structure.         CLO 3: Understand theoretically how dividend decisions are taken in corporate sector and design a dividend policy for a firm.         CLO 4: Understand the management of working capital and its components, and solve problems in relation thereto.         Credits       Theory       Practical         Theory       Practical       Total         4       0       4         Internal Assessment Marks       30       0       30         End Term Exam Marks       100       0       100         Examination Time       3 hours       E       1         Istamination Time       3 hours       1       1         Istamination Time       1 hours       1       1		PartA – Introduction					
Semester       Third         Name of the Course       Corporate Financial Economics         Course Code       M24-BEC-303         Course Type       DEC-3         Level of the course       500-599         Pre-requisite for the course (if any)       n.a.         CourseLearningOutcomes (CLO)       CLO 1: Understand, apply and solve the time value of money problems and its applications in investment evaluation criteria.         CLO 2: Understand theorital structure.       CLO 3: Understand theorital structure.         CLO 3: Understand theorital structure.       CLO 4: Understand and compute various costs of capital and design an optimal capital structure.         CLO 4: Understand the management of working capital and its components, and solve problems in relation thereto.       Theory         Credits       Theory       Practical         Total       4       0       4         Internal Assessment Marks       30       0       30         Examination Time       3 hours       Examination Time       3 hours       Examination Time         Instructions for Paper-Setter: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration.       15         Theory question.All questions will carry equal marks.       15       15         Internal Assessment Marks	Name	Economics					
Name of the Course         Corporate Financial Economies           Course Code         M24-BEC-303           Course Code         500-599           Level of the course (if any)         n.a.           Course-Common Course (if any)         CLO 1: Understand, apply and solve the time value of money problems and its applications in investment evaluation criteria.           Will be able to:         CLO 2: Understand and compute various costs of capital and design an optimal capital structure.           CLO 3: Understand theoretically how dividend decisions are taken in corporate sector and design a dividend policy for a firm.           CLO 4: Understand the management of working capital and its components, and solve problems in relation thereto.           Credits         Theory           Theory         Practical           Total         4           4         0         4           Teaching Hours per week         4         0         4           Internal Assessment Marks         30         0         30           End Term Exam Marks         100         0         100           Examination Time         3 hours         100         100           Examination Or Paper- Setter: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question will carry equal marks.	Semest	ter	Third				
Course Code         M24-BEC-303           CourseType         DEC-3           Level of the course         500-599           Pre-requisite for the course (if any)         n.a.           CourseLearningOutcomes (CLO)         After completing this course, the learner           will be able to:         CLO 1: Understand, apply and solve the time value of money problems and its applications in investment evaluation criteria.           CLO 2: Understand and compute various costs of capital and design an optimal capital structure.         CLO 3: Understand the oretically how dividend decisions are taken in corporate sector and design a dividend policy for a firm.           Credits         Theory         Practical         Total           4         0         4         10           Internal Assessment Marks         30         0         30           End Term Exam Marks         70         0         70           Max, Marks         100         0         100           Examination Time         Taking course learning outcomes (CLOs) into consideration.         The compulsory question by taking course learning outcomes (CLOs) into consideration.           The compulsory question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to atempt 5 questions, selecting one question from each unitand the compulsory question will carry equal marks.         15           Intestunet of Money; Goals of	Name of the Course Corporate Financial Economics						
CourseType         DEC-3           Level of the course         500-599           Pre-requisite for the course (if any)         n.a.           CourseLearningOutcomes (CLO)         After completing this course, the learner           will be able to:         CLO 1: Understand, apply and solve the time value of money problems and its applications in investment evaluation criteria.           CLO 2: Understand theoretically how dividend decisions are taken in corporate sector and design a dividend policy for a firm.           CLO 4: Understand theoretically how dividend decisions are taken in corporate sector and design a dividend policy for a firm.           CLO 4: Understand theoretically how dividend decisions are taken in corporate sector and design a dividend policy for a firm.           CI 4: Understand theoretically how dividend thereto.           Credits         Theory           Theory         Practical           Total         4           1         0           4         0           4         0           4         0           1         Teaching Hours per week           4         0         4           100         0         100           Exammation Time         3 hours         100           Exammation Time         3 hours         100           Instructions for Paper-Se	Course	e Code	M24-BEC-303				
Level of the course     500-599       Pre-requisite for the course (if any)     n.a.       CourseLearningOutcomes (CLO)     CLO 1: Understand, apply and solve the time value of money problems and its applications in investment evaluation criteria.       Will be able to:     CLO 1: Understand and compute various costs of capital and design an optimal capital structure.       CLO 2: Understand the orentically how dividend decisions are taken in corporate sector and design a dividend policy for a firm.       Credits     Theory       Prested     4       Treaching Hours per week     4       4     0       4     0       4     0       4     0       4     0       100     30       Enternal Assessment Marks     30       100     0       Examination Time     3 hours       PartB - Contentsofthe Course     Instructions for Paper-Settler: The examiner will set 9 questions asking two questions from each unit and one compulsory question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unitand the compulsory question sellar structure and Firm Value       I     Capital Budgeting       - Investment Criteria, Estimation of project Cash Flows, Risk Analysis in Capital Budgeting, - Investment Criteria, Estimation of cost of Capital.       II     Capital Budgeting, Computation of Cost of Capital.	Course	еТуре	DEC-3				
Pre-requisite for the course (if any)       n.a.         CourseLearningOutcomes (CLO)       After completing this course, the learner         will be able to:       CLO 1: Understand, apply and solve the time value of         After completing this course, the learner       money problems and its applications in investment         evaluation criteria.       CLO 2: Understand and compute various costs of capital         and design an optimal capital structure.       CLO 3: Understand theoretically how dividend         design an optimal capital structure.       CLO 4: Understand the management of working capital         and its components, and solve problems in relation       thereto.         Credits       Theory       Practical         Internal Assessment Marks       30       0         30       0       30         Examination Time       3 hours       100         PartB - Contentsofthe Course       Internal Assessment Marks       100         Internal Assessment Marks       100       0       100         Examination Time       3 hours       Internal saking two questions from each unit and one compulsory question No. 1) will consist at least 4 parts covering entire syllabus. The examiner will set 9 questions asking two questions from each unit and one compulsory question No. 1) will consist at least 4 parts covering entire syllabus. The examiner will set 9 questions of capital Budgeting - Investment Criteria, Estimation of proje	Level	of the course	500-599		S. M. F. H.		
CourseLearningOutcomes (CLO)       CLO 1: Understand, apply and solve the time value of money problems and its applications in investment evaluation criteria.         Will be able to:       CLO 1: Understand, apply and solve the time value of money problems and its applications in investment evaluation criteria.         CLO 2: Understand and compute various costs of capital and design an optimal capital structure.       CLO 3: Understand theoretically how dividend decisions are taken in corporate sector and design a dividend policy for a firm.         Credits       Theory       Practical         Credits       Theory       Practical         Credits       Theory       Practical         At 0       4       0         At 0       4       0         Internal Assessment Marks       30       0         Teaching Hours per week       4       0         At 0       4       0         Max.Marks       100       0         Internal Assessment Marks       30       0         Instructions for Paper- Setter:       The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration.         The compulsory question (Question No. 1) will consist at least 4 parts covering entire syllabus. The examine will be required to attempt 5 questions, selecting one question from each unit and the compulsory question.All questions will carry equal marks.	Pre-ree	quisite for the course (if any)		n.a.			
Credits       Theory       Practical       Total         4       0       4         Teaching Hours per week       4       0       4         Internal Assessment Marks       30       0       30         End Term Exam Marks       70       0       70         Max. Marks       100       0       100         Examination Time       3 hours	CourseLearningOutcomes (CLO)CLO 1: Understand, apply and solve the time value or money problems and its applications in investment evaluation criteria.will be able to:CLO 1: Understand, apply and solve the time value or money problems and its applications in investment evaluation criteria.CLO 2: Understand and compute various costs of capital and design an optimal capital structure.CLO 3: Understand theoretically how dividend decisions are taken in corporate sector and design dividend policy for a firm.CLO 4: Understand the management of working capital and its components, and solve problems in relation				the time value of ns in investment ous costs of capital , how dividend ctor and design a of working capital blems in relation		
Internal Assessment Marks       4       0       4         Internal Assessment Marks       30       0       30         End Term Exam Marks       70       0       70         Max. Marks       100       0       100         End Term Exam Marks       100       0       100         Max. Marks       100       0       100         End Term Exam Marks       100       0       100         Max. Marks       100       0       100         Examination Time       3 hours       100       100         Examination Time       3 hours       100       100         Examination Time       3 hours       100       100         Examines of Paper- Setter:       The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration.         The compulsory question (Question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unitand the compulsory question.All questions will carry equal marks.       11         Unit       Topics       Contact Hours       15         I       Capital Budgeting       15       15         Time Value of Money; Goals of Finance; Economics of capital Budgeting	Credit	Credits Theory Practical					
Teaching Hours per week404Internal Assessment Marks30030End Term Exam Marks70070Max. Marks1000100Examination Time3 hours100PartB – Contentsofthe CourseInstructions for Paper- Setter: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration.The compulsory question (Question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unitand the compulsory question.All questions will carry equal marks.UnitTopicsContact HoursICapital Budgeting Time Value of Money; Goals of Finance; Economics of capital Budgeting - Investment Criteria, Estimation of project Cash Flows, Risk Analysis in Capital Budgeting, Computation of Cost of Capital.15IICapital Structure and Firm Value Economics of Capital Structure and Firm Value - Net Income Approach, Analysis of Optimal Capital structure – EBIT & EPS Analysis, ROI & ROE Analysis, Operating and Financial Leverage.15IIIDividends and Working Capital Economics of Dividends- Walter Model Gordon Model Modigitiani and Economics of Dividends- Walter Model Gordon Model Modigitiani and15		4 0					
Internal Assessment Marks       30       0       30         End Term Exam Marks       70       0       70         Max. Marks       100       0       100         Examination Time       3 hours       100       100         PartB – Contentsofthe Course         Instructions for Paper- Setter: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unitand the compulsory question.All questions will carry equal marks.         Unit       Topics       Contact Hours         I       Capital Budgeting Time Value of Money; Goals of Finance; Economics of capital Budgeting - Investment Criteria, Estimation of project Cash Flows, Risk Analysis in Capital Budgeting, Computation of Cost of Capital.       15         II       Capital Structure and Firm Value - Net Income Approach, Net Operating income Approach, Modigliani and Miller Approach; Analysis of Optimal Capital structure – EBIT & EPS Analysis, ROI & ROE Analysis, Operating and Financial Leverage.       15         III       Dividends and Working Capital       15	Teach	Teaching Hours per week 4 0					
End Term Exam Marks       70       0       70         Max. Marks       100       0       100         Examination Time       3 hours       100       100         PartB – Contentsofthe Course         Instructions for Paper- Setter: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unitand the compulsory question.All questions will carry equal marks.       Contact Hours         I       Capital Budgeting       15         Time Value of Money; Goals of Finance; Economics of capital Budgeting       15         I       Capital Structure and Firm Value       15         Economics of Capital Structure and Firm Value - Net Income Approach, Net Operating income Approach, Modigliani and Miller Approach; Analysis of Optimal Capital structure – EBIT & EPS Analysis, ROI & ROE Analysis, Operating and Financial Leverage.       15         III       Dividends and Working Capital       15	Interna	al Assessment Marks	30	0	30		
Max. Marks       100       0       100         Examination Time       3 hours       100       100         PartB – Contentsofthe Course         Instructions for Paper- Setter:       The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unitand the compulsory question.All questions will carry equal marks.       Contact Hours         I       Capital Budgeting       15         Time Value of Money; Goals of Finance; Economics of capital Budgeting       15         II       Capital Structure and Firm Value       15         Economics of Capital Structure and Firm Value - Net Income Approach, Net Operating income Approach, Modigliani and Miller Approach; Analysis of Optimal Capital structure – EBIT & EPS Analysis, ROI & ROE Analysis, Operating and Financial Leverage.       15         III       Dividends and Working Capital       15	End T	erm Exam Marks	70	0	70		
Examination Time       3 hours         PartB – Contentsofthe Course         Instructions for Paper- Setter: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unitand the compulsory question.All questions will carry equal marks.         Unit       Topics       Contact Hours         I       Capital Budgeting       15         Time Value of Money; Goals of Finance; Economics of capital Budgeting       15         I       Capital Budgeting, Computation of project Cash Flows, Risk Analysis in Capital Budgeting, Computation of Cost of Capital.       15         II       Capital Structure and Firm Value       15         Economics of Capital Structure and Firm Value - Net Income Approach, Net Operating income Approach, Modigliani and Miller Approach; Analysis of Optimal Capital structure – EBIT & EPS Analysis, ROI & ROE Analysis, Operating and Financial Leverage.       15         III       Dividends and Working Capital       15	Max. 1	Marks	100	0	100		
PartB – Contentsofthe Course         Instructions for Paper- Setter: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unitand the compulsory question.All questions will carry equal marks.       Contact Hours         Unit       Topics       Contact Hours         I       Capital Budgeting       15         Time Value of Money; Goals of Finance; Economics of capital Budgeting       - Investment Criteria, Estimation of project Cash Flows, Risk Analysis in Capital Budgeting, Computation of Cost of Capital.       15         II       Capital Structure and Firm Value       15         Economics of Capital Structure and Firm Value - Net Income Approach, Net Operating income Approach, Modigliani and Miller Approach; Analysis of Optimal Capital structure – EBIT & EPS Analysis, ROI & ROE Analysis, Operating and Financial Leverage.       15         III       Dividends and Working Capital       15	Exami	ination Time	3 hours				
Instructions for Paper- Setter: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unitand the compulsory question.All questions will carry equal marks.Contact HoursUnitTopicsContact HoursICapital Budgeting Time Value of Money; Goals of Finance; Economics of capital Budgeting - Investment Criteria, Estimation of project Cash Flows, Risk Analysis in Capital Budgeting, Computation of Cost of Capital.15IICapital Structure and Firm Value Economics of Capital Structure and Firm Value - Net Income Approach, Net Operating income Approach, Modigliani and Miller Approach; Analysis of Optimal Capital structure – EBIT & EPS Analysis, ROI & ROE Analysis, Operating and Financial Leverage.15IIIDividends and Working Capital Economics of Dividends, Walter Model Cordon Model Modigliani and15		PartB -	- Contentsofthe	Course			
unit and one compulsory question by taking course learning outcomes (CLOs) into consideration.The compulsory question (Question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unitand the compulsory question.All questions will carry equal marks.Contact HoursUnitTopicsContact HoursICapital Budgeting15Time Value of Money; Goals of Finance; Economics of capital Budgeting - Investment Criteria, Estimation of project Cash Flows, Risk Analysis in Capital Budgeting, Computation of Cost of Capital.15IICapital Structure and Firm Value15Economics of Capital Structure and Firm Value - Net Income Approach, Net Operating income Approach, Modigliani and Miller Approach; Analysis of Optimal Capital structure – EBIT & EPS Analysis, ROI & ROE Analysis, Operating and Financial Leverage.15IIIDividends and Working Capital15	Instru	ictions for Paper- Setter: The exam	iner will set 9 q	uestions asking two qu	lestions from each		
The compulsory question (Question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unitand the compulsory question. All questions will carry equal marks.         Unit       Topics       Contact Hours         I       Capital Budgeting       15         Time Value of Money; Goals of Finance; Economics of capital Budgeting       15         - Investment Criteria, Estimation of project Cash Flows, Risk Analysis in Capital Budgeting, Computation of Cost of Capital.       15         II       Capital Structure and Firm Value       15         Economics of Capital Structure and Firm Value - Net Income Approach, Net Operating income Approach, Modigliani and Miller Approach; Analysis of Optimal Capital structure – EBIT & EPS Analysis, ROI & ROE Analysis, Operating and Financial Leverage.       15         III       Dividends and Working Capital       15	unit a	nd one compulsory question by taking	ng course learni	ng outcomes (CLOs) 1	nto consideration.		
examinee will be required to attempt 5 questions, selecting one question from each unitand the compulsory question.All questions will carry equal marks.       Contact Hours         Unit       Topics       Contact Hours         I       Capital Budgeting       15         Time Value of Money; Goals of Finance; Economics of capital Budgeting       - Investment Criteria, Estimation of project Cash Flows, Risk Analysis in Capital Budgeting, Computation of Cost of Capital.       15         II       Capital Structure and Firm Value       15         Economics of Capital Structure and Firm Value - Net Income Approach, Net Operating income Approach, Modigliani and Miller Approach; Analysis of Optimal Capital structure – EBIT & EPS Analysis, ROI & ROE Analysis, Operating and Financial Leverage.       15         III       Dividends and Working Capital       15	The co	ompulsory question (Question No. 1)	will consist at l	east 4 parts covering er	tire syllabus. The		
compulsory question.All questions will carry equal marks.UnitTopicsContact HoursICapital Budgeting15Time Value of Money; Goals of Finance; Economics of capital Budgeting - Investment Criteria, Estimation of project Cash Flows, Risk Analysis in Capital Budgeting, Computation of Cost of Capital.15IICapital Structure and Firm Value15Economics of Capital Structure and Firm Value - Net Income Approach, Net Operating income Approach, Modigliani and Miller Approach; Analysis of Optimal Capital structure – EBIT & EPS Analysis, ROI & ROE Analysis, Operating and Financial Leverage.15IIIDividends and Working Capital15	examin	nee will be required to attempt 5 q	uestions, selecti	ing one question from	each unitand the		
UnitTopicsContact HoursICapital Budgeting15Time Value of Money; Goals of Finance; Economics of capital Budgeting - Investment Criteria, Estimation of project Cash Flows, Risk Analysis in Capital Budgeting, Computation of Cost of Capital.15IICapital Structure and Firm Value15Economics of Capital Structure and Firm Value - Net Income Approach, Net Operating income Approach, Modigliani and Miller Approach; Analysis of Optimal Capital structure – EBIT & EPS Analysis, ROI & ROE Analysis, Operating and Financial Leverage.15IIIDividends and Working Capital15	compu	llsory question.All questions will carr	y equal marks.				
I       Capital Budgeting       15         Time Value of Money; Goals of Finance; Economics of capital Budgeting       - Investment Criteria, Estimation of project Cash Flows, Risk Analysis in Capital Budgeting, Computation of Cost of Capital.       15         II       Capital Structure and Firm Value       15         Economics of Capital Structure and Firm Value - Net Income Approach, Net Operating income Approach, Modigliani and Miller Approach; Analysis of Optimal Capital structure – EBIT & EPS Analysis, ROI & ROE Analysis, Operating and Financial Leverage.       15         III       Dividends and Working Capital       15	Unit	Т	opics		<b>Contact Hours</b>		
Time Value of Money; Goals of Finance; Economics of capital Budgeting - Investment Criteria, Estimation of project Cash Flows, Risk Analysis in Capital Budgeting, Computation of Cost of Capital.15IICapital Structure and Firm Value Economics of Capital Structure and Firm Value - Net Income Approach, Net Operating income Approach, Modigliani and Miller Approach; Analysis of Optimal Capital structure – EBIT & EPS Analysis, ROI & ROE Analysis, Operating and Financial Leverage.15IIIDividends and Working Capital Economics of Dividends- Walter Model Gordon Model Modigliani and15	Ι	Capital Budgeting			15		
<ul> <li>Investment Criteria, Estimation of project Cash Flows, Risk Analysis in Capital Budgeting, Computation of Cost of Capital.</li> <li>II Capital Structure and Firm Value</li> <li>Economics of Capital Structure and Firm Value - Net Income Approach, Net Operating income Approach, Modigliani and Miller Approach; Analysis of Optimal Capital structure – EBIT &amp; EPS Analysis, ROI &amp; ROE Analysis, Operating and Financial Leverage.</li> <li>III Dividends and Working Capital</li> <li>I5</li> </ul>		Time Value of Money; Goals of Fin	ance; Economic	s of capital Budgeting			
Capital Budgeting, Computation of Cost of Capital.       11         II       Capital Structure and Firm Value       15         Economics of Capital Structure and Firm Value - Net Income Approach, Net Operating income Approach, Modigliani and Miller Approach; Analysis of Optimal Capital structure – EBIT & EPS Analysis, ROI & ROE Analysis, Operating and Financial Leverage.       15         III       Dividends and Working Capital Economics of Dividends- Walter Model Cordon Model Modigliani and       15	- Investment Criteria, Estimation of project Cash Flows, Risk Analysis in						
II       Capital Structure and Firm Value       15         Economics of Capital Structure and Firm Value - Net Income Approach, Net Operating income Approach, Modigliani and Miller Approach; Analysis of Optimal Capital structure – EBIT & EPS Analysis, ROI & ROE Analysis, Operating and Financial Leverage.       15         III       Dividends and Working Capital Economics of Dividends- Walter Model Cordon Model Modigliani and       15		Capital Budgeting, Computation of Cost of Capital.					
Economics of Capital Structure and Firm Value - Net Income Approach, Net Operating income Approach, Modigliani and Miller Approach; Analysis of Optimal Capital structure – EBIT & EPS Analysis, ROI & ROE Analysis, Operating and Financial Leverage.         III       Dividends and Working Capital       15         Economics of Dividends- Walter Model Cordon Model Modigliani and       15	II Capital Structure and Firm Value				15		
Net Operating income Approach, Modigliani and Miller Approach;         Analysis of Optimal Capital structure – EBIT & EPS Analysis, ROI &         ROE Analysis, Operating and Financial Leverage.         III       Dividends and Working Capital         Economics of Dividends- Walter Model Cordon Model Modigliani and	Economics of Capital Structure and Firm Value - Net Income Approach.						
Analysis of Optimal Capital structure – EBIT & EPS Analysis, ROI &         ROE Analysis, Operating and Financial Leverage.         III       Dividends and Working Capital         Economics of Dividends- Walter Model Cordon Model Modigliani and	Net Operating income Approach Modigliani and Miller Approach						
ROE Analysis, Operating and Financial Leverage.         III       Dividends and Working Capital         Economics of Dividends- Walter Model, Gordon Model, Modigliani and		Analysis of Optimal Capital struct	ure – EBIT & F	EPS Analysis, ROI &			
III     Dividends and Working Capital     15       Feanomics of Dividends- Walter Model Gordon Model Modigliani and     15		ROE Analysis. Operating and Finan	cial Leverage	(0, 1001 W			
Economics of Dividends- Walter Model Gordon Model Modigliani and	III	Dividends and Working Canital			15		
I LAVINTHAN VE LEVINGHAT WARA WARA. COULDE WERE WITH THE T		Economics of Dividends- Walter M	lodel. Gordon M	lodel. Modigliani and	10		

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Ch<del>air</del>man, Department of Economics Kurukshetra University, KURUKSHETRA-136110

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	Miller Model; Economics of Working Capital- Estimation of Working				
	Capital, Financing of working Capital. Cost-Vol	ume-	Profit	Analysis.	40 x
IV	Cash, Receivables and Inventory				15
	Economics of Cash - Cash Budgeting and its	Simu	lation	, Optimal Cash	94 C
	balance, Baumol Model, Miller and Orr	Mo	del;	Economics of	
	Receivables; Economics of Inventory - EOQ	Mo	del, F	ricing of Raw	
	materials, Monitoring and Control of Inventories.				
Total Contact hours					60
	Suggested Evaluation Methods				
Internal Assessment: 30 End Term Exam				mination: 70	
> T	heory	30	$\mathbf{A}$	Theory:	70
Class Participation: 5 Written Exa:				mination	
• Seminar/presentation/assignment/quiz/class test etc.: 10					
• Mid-Term Exam: 15					
	Part C-Learning Resources				

- Berk, Jonathan, and DeMarzo, Peter (2007), Corporate Finance, Pearson International.
- Brealey, R.A., Myers, S.C. and Allen, F. (2003), Principles of Corporate Finance, 7th Ed, McGrowHill.
- Brittain, J.A. (1978). Corporate Dividend Policy. Brookings Institution, USA.
- Chandra, Prasanna (2011). Financial Management: Theory and Practice. Tata McGraw Hill.
- Copeland, T., Weston, F., and Shastri, K. (2004), Financial Theory and Corporate Policy, 4th Ed., New York: Addison-Wesley.
- Harold Bierman, Jr. &Smidt, Seymour (2007). The Capital Budgeting Decision: Economic Analysis of Investment Projects. Routledge.
- Kent Baker, H. & and Martin, Gerald S. (2011). Capital Structure and Corporate Financing Decisions. Wiley Publishers.
- Mehta, D. R. (1974). Working Capital Management. Prentice- Hall.
- Ross, Stephen, Westerfield, Randolph, Jaffe, Jaffrey (February 2002), Corporate Finance, 6th Ed., McGraw-Hill Companies.
- Van Horne, J.C. (2002). Financial Management and Policy. Pearson Education.

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	S	ession: 2025-20	6	7		
	Par	tA – Introduct	ion			
Name of	Name of Programme M.A. Business Economics					
Semeste	r	Third				
Name o	f the Course	Human Resou	rce Management			
Course	Code	M24-BEC-304	1			
Course	Гуре	DEC-3				
Level of	Level of the course 500-599					
Pre-requ	uisite for the course (if any)		n.a.			
Coursel	LearningOutcomes (CLO)	CLO 1: To u	inderstand the basics	of human resource		
After co	mpleting this course, the learner	management.	1	C		
will be a	ble to:	CLO 2: 10	learn the strategies of	of recruitment and		
		CLO 3. To les	rn the training and dev	elonment process		
		CLO 4: To un	derstand the policies for	or employee welfare		
		and industrial	relations.	1 9		
Credits		Theory	Practical	Total		
		4	0	4		
Teachir	ng Hours per week	4	0	4		
Internal	Assessment Marks	30	0	30		
End Ter	m Exam Marks	70	0	70		
Max. M	arks	100	0	100		
Examin	ation Time	3 hours				
	PartB –	- Contentsofth	e Course			
Instruct	tions for Paper- Setter: The exam	iner will set 9 o	questions asking two q	uestions from each		
unit and	one compulsory question by taking	ng course learn	least 4 parts covering	into consideration.		
examine	e will be required to attempt 5 of	mestions, select	ing one question from	n each unitand the		
compuls	sory question. All questions will carr	y equal marks.	ing one question non			
Unit	1	Topics	•	<b>Contact Hours</b>		
Ι	Introduction to HRM: Concepts a	and Perspectives	s of Human Resource	15		
	Management; Human Resourc	es Manageme	nt in a Changing			
	Environment; Managerial and Ope	erative Function	s of HRM.			
II	Recruitment, Placement and Ret	ention Strategi	es: Human Resource	15		
	Planning; Job Analysis; Method	s of Manpowe	r Search; Attracting,			
	Selecting and Retaining Human R	esources; Induc	tion and Socialization	1.5		
	Training and Development: Man	npower Trainin	g and Development;	15		
	Performance Appraisal and I	Potential Eval	uation; Career and			
	Succession Planning; Talent Mana	igement.		15		
IV Employee Relations and Compensation Administration: Job Evaluation 15						
and Compensation Management; Incentives and Employee Benefits;						
Employee Welfare; Industrial Relation; Employee Separation Practices,						
HK Accounting and audit.						
	Suggest	ed Evaluation	Methods	00		
	Internal Assessment: 30	munum	End Term Exa	amination: 70		
> The	eorv	30	> Theory:	70		
• Class	Participation:	5	Written Ex	amination		
• Semi	nar/presentation/assignment/quiz/cl	ass test etc · 10				
• Seminar/presentation/assignment/quiz/elass test etc 10						

Aroko Marman, Department of Economics Kurukshetra University, KURUKSHETRA-136119.

# Part C-Learning Resources

## Recommended Books/e-resources/LMS:

- Aswathappa, K., Human Resource and Personnel Management, Tata McGraw Hill.
- Dessler, G., Human Resource Management, Pearson Education.
- Venktesh, D.N. & Jyothi P., Human Resource Management, Oxford University Press.
- Bohlander, G. & Snell, S., Human Resource Management, Cengage Learning.
- Patnayak, B., Human Resource Management, PHI Learning.
- Rao, V.S.P., Human Resource Management, Excel Books.

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- Cascio, W.Y., Managing Human Resources, Irwin-McGraw Hill.
- Noe, Hollenbeck, Gerhart& Wright, Human Resource Management, McGraw-Hill Higher Education

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	Session: 2025-26		
P	art A – Introducti	on	
Name of Programme	M.A. Business Ec	conomics	
Semester	Third		
Name of the Course	Mathematical Eco	nomics	
Course Code	M24-BEC-305		
Course Type	DEC-3		
Level of the course	500-599		
Pre-requisite for the course (if any)		n.a.	
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO 1: Underst forms of utility thereby attain in- related concepts in derivations. CLO 2: Illustrate functions and ap duality, product using mathematica CLO 3: Elucidate any economic van the firm under utilizing mathema CLO 4: Formul economic model	and, explain, solve and functions and demand -depth knowledge of o a consumer behaviour usi e and design various form preciate the concepts of exhaustion, productivity al equations. e, estimate, and interpret triable and comprehend t perfect and imperfect tical tools. late mathematically the ls concerned with na	design different functions and ptimization and ng mathematical ns of production of optimization, and efficiency the time path of he behaviour of competition by various macro- ational income,
	inflation-unemplo	yment relationship,	multiplier-
	accelerator interac	Practical	Total
	Theory	Plactical	101a1
T I I I I I I I I I I I I I I I I I I I	4	0	4
Teaching Hours per week	4	0	30
Internal Assessment Marks	30	0	70
End Term Exam Marks	100	0	100
Max. Marks	2 hours	0	100
Examination Time	Contonts of the	Course	
Parte	s-Contents of the	Course	tions from anot
Instructions for Paper- Setter: The ex- unit and one compulsory question by t The compulsory question (Question No. examinee will be required to attempt 5 compulsory question. All questions will	aminer will set 9 q aking course learni 1) will consist at 1 5 questions; selecting carry equal marks.	ng outcomes (CLOs) int east 4 parts covering ent ng one question from ea	to consideration. ire syllabus. The ach unit and the
Unit	Topics		<b>Contact Hours</b>
I <b>Topics in Consumer Behavior</b> Types of utility functions; Ordin — ordinary and compensated; Slip price effects; Consumer surplus; systems; Indirect utility function. SELF STUDY CONTENTS (no	al utility maximiza utsky equation — ir Elasticity of dema of relevant for evan	tion; Demand functions ncome, substitution, and and; Linear expenditure	15
Meaning and determinants of util slope; Concept of budget line;	lity and demand; In Basic rules of di	difference curve and its fferential calculus and	

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	T Contraction of the second seco	
	maxima-minima, integral calculus, and matrix algebra.	
II	Production Function Analysis	
	Production functions and their properties (CD, CES, Translog); Elasticity of	
	factor substitution and curvature of iso-quants; Producer's equilibrium;	15
	Duality in cost and production functions; Product exhaustion theorems;	
	Growth Accounting Equation; Methods for measuring productivity and	
	efficiency.	
	SELF STUDY CONTENTS (not relevant for exams):	
	Microeconomic concepts from producer behavior including isoquant; Basic	
	rules of differential calculus and maxima-minima.	
III	Market Equilibrium	
1.5	Product and factor market equilibrium; Existence, uniqueness and stability	
	of equilibrium; Static stability; Dynamic stability-lagged adjustment and	15
	continuous adjustment; Dynamic equilibrium with lagged adjustment;	
	Monopoly, monopsony and monopolistic competition; Oligopoly models by	
	Cournot and Stackelberg.	
	SELF STUDY CONTENTS (not relevant for exams):	
	Markets and its various forms; Rules of differential calculus and maxima-	
	minima; Knowledge of difference and differential equations.	
IV	Macroeconomic Models	
	Multi-market equilibrium model; National Income model; Expected	
	Inflation Augmented Phillips relation; Multiplier-Accelration interaction	15
	model; Growth models - Domar, Harrod, John Robinson's Golden Age	
	Model, Duesenberry's Optimum Growth Model, Solow, Meade, Kaldor.	
	SELF STUDY CONTENTS (not relevant for exams):	
	Relationship between various economic agents; Concept and components of	
	national income; Economic growth and its determinants.	
	Total Contact Hours	60
	Suggested Evaluation Methods	
L	Internal Assessment: 30 End Term Exam	ination: 70
Theor	y 30 Theory: 70	
Class I	Participation: 5 Written Exam	ination
Semina	ar/presentation/assignment/quiz/class test etc.: 10	
Mid-T	erm Exam: 15	
,	Part C-Learning Resources	
Recon	nmended Books/E-Resources/LMS:	
	Allen, R.G.D. (1972). Mathematical economics. Macmillan, London.	
	Allen R.G.D. (2002). Mathematical analysis for economists. Macmillan	Press and ELBS.
	London.	
	Alhabeeb, M.L. & Joe Moffitt, L. (2014). Managerial economics:	A mathematical
	approach. John Wiley & Sons.	
	Arrow K I & Intrilligator M (Eds.) (1987) Handbook of mathem	natical economics
	(Volumes I II and III) North Holland, Amsterdam.	
	Chiang A C (1990) Elements of dynamic ontimization Waveland Press	Inc. Long Grove
	Illinois.	Line, Long Grove
	Chiang A.C. (2006) Fundamental methods of mathematical economi	cs McGraw Hill
	New York.	
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- Chung, J.W. (1994). Utility and production: Theory and applications. Basil Blackwell, London.
- Dernburg, T. F., &Dernburg, J. D. (1984). Macroeconomic analysis: An introduction tc comparative statics and dynamics. Addison-Wesley Publishing Company, Philippines.
- Ghatak, A. (1994). Macroeconomics: A mathematical approach. Concept Publishing Company, New Delhi.
- Henderson, J. M. &Quandt, R.E. (2003). Microeconomic theory: A mathematical approach. McGraw Hill, New Delhi.
- Jha, R. (2008). Contemporary macroeconomics theory and policy. Willey Eastern Ltd., New Delhi.
- Jones, Hywel G. (1978). An introduction to the modern theory of economic growth. McGraw Hill-Kogakusha, Tokyo.
- Koutsoyiannis, A. (1979). Modern microeconomics. Macmillan Press, London.
- Lancaster, K. (2012). Mathematical economics. Dover Publications Inc., New York.
- Madnani, G.M.K. (2001). Mathematical economics: A mathematical approach to microeconomic theory. Oxford & IBH Publishers.
- Mehta, B. C. & Madnani, G. M. K. (2018). Mathematics for economists. Sultan Chand & Sons.
- Sen, A. (1999). Microeconomics: Theory and applications. Oxford University Press.
- Varian, H. (2006). Microeconomic analysis. W.W. Norton, New York.

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	Ses	sion: 2025-26		
	PartA	– Introductio	on	
Name	e of Programme	M.A.Business	s Economics	
Seme	ster	Third		
Name	e of the Course	Economics of	f Portfolio Investment	
Cours	se Code	M24-BEC-30	07	
Cours	seType	DEC-4	21	
Level	l of the course	500-599		
Pre-re	equisite for the course (if any)			
Cours	seLearningOutcomes (CLO)	CLO 1: Und	erstand the risk and retu	urn relationship
After	completing this course, the learner will	and compute	yields of bond portfolio	
be ab	le to:	CLO 2: Understand and apply the portfol		
		construction,	and asset pricing.	
		CLO 3: Und	erstand and apply the fu	indamental and
		technical an	alysis, and efficiency	tests of stock
		markets.		
		CLO 4: U	Inderstand and apply	the portfolio
		performance	evaluation through various	s methods.
		CLO 5: Den	ionstrate the ability to app	oly the contents
0.11	Y	with the help	of a software.	
Credit	S	Theory	Practical	Total
		3	1	4
Teach	ing Hours per week	3	2	5
Interna	al Assessment Marks	20	10	30
End To	erm Exam Marks	50	20	70
Max. I	Marks	70	30	100
Exami	nation Time	3 hours	3 hours	
	PartB – C	ontentsofthe	Course	
Instr	uctions for Paper- Setter: The examin	ner will set 9 q	uestions asking two quest	tions from each
unit a	and one compulsory question by taking	g course learni	ng outcomes (CLOs) into	o consideration.
The c	compulsory question (Question No. 1) v	vill consist at l	east 4 parts covering entir	e syllabus. The
exam	inee will be required to attempt 5 qu	estions, selecti	ng one question from ea	ich unitand the
comp	ulsory question. All questions will carry	equal marks.		
Unit	То	pics		<b>Contact Hours</b>
I	Investment Analysis			11
	The Investment Alternatives; Securitie	es Market; Risl	k- Return Analysis; Risk	
	Aversion and Capital Allocation to R	isky Assets; T	erm Structure of interest	
× .	Rates, Bond Prices and Yields; Manag	ing Bond Portf	olio.	
	SELF STUDY CONTENTS (not rele	evant for exan	1s):	
	Time Value of Money			
11	Portfolio Optimization	1	'. M 11 01 T 1	
	Equity valuation Models; Portfolio An	alysis; Markov	vitz Model, Sharpe Index	
	Model, Capital asset pricing Model, A	roitrage Pricing	g Ineory.	10
111	Security Analysis and Theory of Op	tions	Trabala 1 Come 's	12
	Macroeconomic, Industry and Cor	npany Analys	sis; Technical Security	

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	Analysis; Efficient market Theory; Introduc	tion 1	to Options and Future	es
	Market.			
IV	Portfolio performance Evaluation; Economics	s of l	Mutual Funds - Sharp	e, 11
	Treynor and Jensen Performance Index; A	ctive	Portfolio Managemen	t-
	Treynor-Black Model; Black-Litterman Model.		3	
V	Practicals:			30
	1. Students will prepare a Practical file containing	ng 2 F	Practicals from each unit	
	2. Practicals may be done using the software ch	osen ł	by the teacher.	0
	3. The external examiner shall take the written e	exam	followed by viva voce.	
	4. Syllabus contains all the contents mentioned	in the	four units.	
	Total Contact Hours			75
	Suggested Evaluat	ion M	lethods	
	Internal Assessment: 30		End Term Exar	nination: 70
Theor	у	20	Theory: 50	)
Class 1	Participation:	5	Written Exa	mination
Semin	ar/presentation/assignment/quiz/class test etc.:	5		
Mid-T	Ferm Exam:	10		
Practi	ical	10	Practical 20	)
Class	Participation:	5	Lab record, Viva-Vo	ce, write-up and
Semin	ar/Demonstration/Viva-voce/Lab records etc.:	5	execution of th	e Practical
Mid-T	Ferm Exam:	_ <u></u>		
Mid-T	erm Exam: Part C-Learning	} g Res	ources	

• Reilly, Frank K. and Brown, Keith C. (RB) (2002), Investment Analysis and Portfolio Management, 7th Ed. Dryden.

- Bodie, Z., Kane, A. & Marcus, A.J. (2017). Investments. McGraw Hill Education.
- Das, Satyajit (2003), Swaps/Financial Derivatives, 3rd Ed., Vol. 1-4, Wiley Finance.
- Frank, Fabozzi (2011), Markowitz, Harry, Equity Valuation and Portfolio Management, Wiley.

• Frank, Fabozzi, (Ed.) (1989), Portfolio Investment Management, Probus Publishing.

• Grinold, R.C. & Kahn, R.N. (1999). Active portfolio Management. McGraw Hill.

• Haugen, Robert (1987), Modern Investment Theory, Prentice-Hall of India.

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S	ession: 2025-26		
Par	tA – Introductio	on	
Name of Programme	M.A. Business	Economics	
Semester	Third		
Name of the Course	Industrial Organ	nisation	
Course Code	M24-BEC-308		
CourseType	DEC-4		N
Level of the course	500-599		
Pre-requisite for the course (if any)		n.a.	
CourseLearningOutcomes (CLO)	CLO 1:Learn	the scope and brea	dth of industrial
After completing this course, the learner	economics. Co	omprehend, compare	and present the
will be able to:	theories of indu	strializationand location	on along with their
	CLO 2:Und	larstand market	structure conduct
	performance a	nd appreciate the co	incent of sellers'
	concentration	along with its me	easurement using
	adequate techni	iques.	
	CLO 3:Underst	and and then able to pr	esent the concepts
	of industrial p	productivity and effic	iency along with
	measurement	using analytical to	ools. Understand
	CLO 4.Under	stand compare and	analyze various
	product pricing	g methods along with	their merits and
	limitations. U	nderstand and presen	nt in detail the
2	technical aspec	ts of firms' advertising	decisions making
	based on differe	ent models.	
Credits	Theory	Practical	Total
Teaching Hours per week	4	0	4
Internal Assessment Marks	4	0	4
End Term Exam Marks	70	0	70
Max. Marks	100	0	100
Examination Time	3 hours		
PartB –	Contentsofthe	Course	
Instructions for Paper- Setter: The exam	iner will set 9 q	uestions asking two qu	estions from each
unit and one compulsory question by taking	ng course learni	ng outcomes (CLOs)	nto consideration.
The compulsory question (Question No. 1)	will consist at 1	east 4 parts covering e	ntire syllabus. The
examinee will be required to attempt 5 g	uestions, selecti	ing one question from	each unitand the
Unit T	opics		Contact Hours
I Industrial Organization and Theo	ries of the Firm		15
Industrial organization and owners	ship structure –	public private joint	
and co-operative sectors; Objective	es of the firm:	Theories of the firm:	
Coasian firm and transaction cost ap	proach.		
Project Evaluation and Theories of	f Mergers		
Methods of project evaluation; Risl	« & uncertaintie	s in project appraisal;	
NPV v/s IRR; Mergers and Acquis	itions (M & A's	s) and diversification;	
Corporate Governance Mechanisms	12		
11 The Structure-Conduct-Performation	nce Paradigm		15
The structural conduct performan	ce approach; R	elationships between	/

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	structure, conduct & performance; Seller measurement: the concentration ratio, the differentiations its sources and its implicat	s co Loi	enz Fconc	ation and its curve; Product	
	Market structure and profitability: Market s	tructu	ire an	d innovation –	
	Process and measurement.				
III	<b>Industrial Productivity and Efficiency</b> Industrial Productivity – measurement and efficiency– concept and measurement; Efficien of production: constrained output maxim minimisation, profit and revenue maximization making process	det cy co isatio n; Efi	ermina onditio on, co ficienc	ants; Industrial ns in the theory onstrained cost y and decision-	15
	Industrial Policy				
	Industrial Policy in India; National manufactur of technology and issues related with TRI Industrial sickness; Exit policy; Role of BIFR.	ing P MS;	olicy; Com	MNCs, transfer petition policy;	
IV	Methods of Product Pricing				15
	Cost-oriented methods: Mark-up, cost-plus, pricing; Market-oriented Methods: Going-rate Discount pricing, Sealed-bid Pricing; Peak-Lo Pricing; Predatory pricing; Pricing of a new Penetration pricings; Non-Linear Pricing Practi	Brea prici oad P v pro ces: F	k-ever ng, Pi ricing duct: Price D	h, target return remium pricing, ; Multi-Product Skimming and Discrimination.	
	Advertising Decisions of Firm The Advertising Decision: Marginalistic& Pro The Advertising Decision; Schmalensee's Advertising; Effects of Advertising.	ofit-M	laximi odel	sing Models of of Oligopoly	
			Tota	l Contact hours	60
	Suggested Evaluat	ion N	lethoo		
	Internal Assessment: 30	20	N	End Term Exa	mination: 70
	neory	5	-	Writton Evo	/U
• Cla	ningr/presentation/assignment/quiz/class test etc.	10		whiten Exa	IIIIIIauoii
• Mi	d-Term Exam:	15			
	Part C-Learning	Res	ources	5	
Reco	mmended Books/e-resources/LMS:	1100			
•	Bains, J. S. (1996), Industrial Organization, Che.	tenha	am, U.	К.	
•	Barthwal, R. R. (1985), Industrial Economics, W	iley I	Easterr	Ltd., New Delh	i.
•	Hay, D. & Morris, D. J. (1979), Industrial Econo	mics:	Theor	y and Evidence,	Oxford University
•	Koutsoyiannis, A. (1982), Non-Price Decisions: Press Ltd., London.	The	Firm i	n a Modern Con	text, The Macmillan
•	Smith, D. M. (1971), <i>Industrial Location: An Ec</i> Symeonidis, George (1999), <i>Industrial Economic</i> Divine, P. J., Lee, N., Jones, R. M. & Tyson, W. <i>Economics</i> , Routledge.	onom cs, Ui J. (20	niversi 18), <i>Ar</i>	Geographic And ty of London Stu Introduction to	alysis, John Wiley, ady Guide (SG). Industrial
•	Kamien, M. T. &Schwartz, N. L. (1982), M. University Press, Cambridge.	larke	t Stru	cture and Inno	wation, Cambridge

 Lipczynski, J., Wilson, J.O.S. & Goddard, J.A. (2016), Industrial Organisation: Competition, Strategy and Policy, Pearson

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	Session: 2025-2020	6	
F	artA – Introductio	on	
Name of Programme	M.A. Business Ed	conomics	
Semester	Third		- <u> </u>
Name of the Course	Economics of Mo	oney and Banking	
Course Code	M24-BEC-309		
CourseType	DEC-4		
Level of the course	500-599		
Pre-requisite for the course (if any)		n.a.	
CourseLearningOutcomes (CLO)	CLO 1: Underst	and the meaning, typ	es, supply, sources
After completing this course, the learner	and history of n	noney to comprehend	the relevance and
will be able to:	analyze the sign	ificance of money ke	eping in mind the
	ethical and rese	arch issues as well	as to understand
	CLO 2: Grasp	various issues relat	ed to commercial
π.	banking simultar	eously able to do criti	cal appraisal of the
	progress of this s	ector and its contribut	ion to growth
	CLO 3: Know	v about the policy	, objectives and
*	functioning of co	entral bank RBI. Furt	her able to analyze
	the normative a	and positive effects	of the policy and
	interpret implicat	tions using the relevan	t tools.
	CLO 4: Compr	rehend the structure	and segments of
	development ba	s. To understand the c	this knowledge to
2	understand the ba	anking and financial se	ector.
Credits	Theory	Practical	Total
	4	0	4
Teaching Hours per week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max. Marks	100	0	100
Examination Time	3 hours	C	
Part	B-Contents of the	Course	
Instructions for Paper- Setter: The ex	aminer will set 9 q	uestions asking two q	into consideration
The compulsory question (Question No	1) will consist at h	east 4 parts covering e	into consideration.
examinee will be required to attempt 5	questions, selectin	ng one question from	each unit and the
compulsory question. All questions will	carry equal marks.		
Unit	Topics		<b>Contact Hours</b>
I Conceptualization of Money			15
Money: Meaning, Classification	n and Functions, 1	Neutrality of money;	
Theories of Value of Money:	Fisher, Cambridge	equations, the Cash	
Balances Approach; Keynesian	Theory of Money	and Prices; The Real	
Balance Effect; Wicksell's con	tribution; Brief hist	ory of Indian Rupee,	
Money and liquidity aggregates	in India		
II Commercial Banking	10271 10271 1028 0.00	2. (a) (2.11)	15
Meaning and functions of co	mmercial banks, t	he process of credit	
creation, Purpose and limitat	ions, Liabilities ar	nd Assets of banks,	
Commercial bank and economi	c development, Co-	operative banks,	
The Indian Commercial Bank	king		

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	Functions and growth of financial institutions	s in I	ndia; Recent reforms	
	in banking sector in India; A critical appr	raisal	of the progress of	
	commercial banking after nationalization.			
	Non-bank financial intermediaries (NBFI's);	The	currency and credit	
TIT	schools; Role of Non-Banking financial institu	ution	s in India.	
	Topics in Monetary Policy			15
	Principles of Monetary Policy: Its meaning	, obj	ectives, frame work,	
	targets and indicators of monetary policy; Ir	ansm	ission mechanism of	
	Mod and affectiveness of monetary policy	Jaatii	ig monetary policy;	
	Role of monetary policy in developing country	Lags	in monetary policy;	
	Credit Control and RBI	105.		8
	Functions, objectives and methods of credit	cont	rol quantitative and	
	qualitative methods. Role and functions of	Res	erve Bank of India	
	Objectives and limitations of monetary police	cv of	RBI: Recent Policy	
	measures.	- ,		
IV	Indian Money Market			15
	Structure of financial market in India; Structu	re an	d functions of Indian	
	money market including Money markets	inst	trumentscall money,	
	treasury bills and commercial bills; weakne	sses	of money market in	
	India; Development banking in India: IFCI, II	OBI,	and ICICI.	
	Total Contact hours			60
	Suggested Evaluat	ion N	Iethods	
	Internal Assessment: 30		End Term Ex	amination: 70
> Th	eory	30	> Theory:	70
• Class	Participation:	5	Written Ex	amination
• Semi	nar/presentation/assignment/quiz/class test etc.:	10		
• Mid-	Term Exam:	15		
L	Part C-Learning	Res	ources	
Recom	mended Books/e-resources/LMS:			
• Ha	anda, J. (2009), Monetary Economics, Routledge	e, Loi	ndon.	
• M	ishkin, F.S. (2016), The Economics of Mone	гу, В	anking and Financia	al Markets, Pearson
E	iucation.		NY NY 1	
• M	lira, S. (2000), Money and Banking, Random Ho	ouse,	New York.	
• G(	Didneid, S.M. & Chandlar, L. V. (1981), The Eco	nom	ics of Money & Banki	ng, Harper & Row.
• Da	ISU, C.R. (1991), Commercial Banking in the F	lann	ed Economy of India,	Mittal Publications,
	into S.B. (1006) Monotorn planning for India		and & Common M	Dull
	iple TN (2000) Money and Pauling Theory	S. CI	Indian Daubing Ares	v Demi.
- Do	thek BV (2018) Indian Financial Systems M	with .	Inalan Banking, Ane E	SOOKS PVI. LID.
F	lucation Services Pvt Ltd	arkel	s, manununs ana se	vices, rearson india
• 59	vers. R.S. (1964) Modern Ranking Clarendon	Press		
• St	arma, K.C. (2007) Modern Banking in India	een	• • Deen Publications	Put I to New Delhi
• He	ossain. A.A. (2015). The Evolution of Centra	l Ra	nking and Monetary	Policy in the Asia.
		- 24	THE WING TRUIDING V	- JUNCY HIN HING ADIU-

Pacific, Edward Elgar Publishing Limited, UK.

- Jadhav, N. (2006), Monetary Policy, Financial Stability, and Central Banking in India, Macmillan India Ltd.
- Ramachandran, P.P. (2016), RBI: An Anecdotal History, Academic Foundation.

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- Sharma, M. (Ed.). (2005), Studies in Money, Finance and Banking, Atlantic Publishers.
- Shah, A., Thomas, S. & Gorham, M. (2008), India's Financial Markets: An Insider's Guide to How the Markets Work, Elsevier.
- Machiraju, H.R. (2003), International Financial Markets and India, New Age International Publishers.

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	Ses	sion: 2025-26			
	Part	A-Introductio	n		
Name of	Programme	M.A.Busines	s Economics		
Semeste	r	Third			
Name of	f the Course	Business and	Economic Modelling	Ι	
Course	Code	M24-BEC-31	1		
CourseT	Гуре	DEC-5			
Level of	f the course	500-599			
Pre-requ	usite for the course (if any)		n.a.		
Course 1	Learning Outcomes (CLO)	CLO 1: U	nderstand, apply a	nd solve cluster.	
After con	mpleting this course, the learner will	discriminant	and factor analysis bes	sides computing the	
be able t	0:	basics of time series data using software.			
		CLO 2: Understand and compute various tools used in			
		time series ec	conometrics using soft	ware.	
		CLO 3: Unde	erstand and compute	yields, stock values	
		from historica	al data using a softwar	e.	
		CLO 4: U	nderstand and appl	y various capital	
		budgeting c	riteria and decision	making using a	
		software.			
		CLO 5: Demonstrate the ability to solve the problem:			
		mentioned in	contents with the help	of a software.	
Credits		Theory Practical Total			
		3	1	4	
Teachin	g Hours per week	3	2	5	
Internal	Assessment Marks	20	10	30	
End Ten	m Exam Marks	50	20	70	
Max. Ma	arks	70	30	100	
Examina	ation Time	3 hours	3 hours		
	Part B-Co	ntents o fthe	Course		
Instruct	tions for Paper- Setter: The examin	ner will set 9 o	uestions asking two o	uestions from each	
unit and	one compulsory question by taking	g course learni	ng outcomes (CLOs)	into consideration	
The com	pulsory question (Question No. 1) v	vill consist at 1	east 4 parts covering	entire syllabus The	
examine	e will be required to attempt 5 qu	estions, selecti	ing one question from	n each unitand the	
compuls	ory question. All questions will carry	equal marks.	0 1000000 1001	in each annund the	
Unit	То	pics		Contact Hours	
I	1. Cluster analysis			11	
	2. Factor analysis				
	3. Discriminant analysis				
	4. Time series analysis- the prope	rty of stationa	rity, stochastic and		
	deterministic trend, unit root test	S			
	SELF STUDY CONTENTS (not )	relevant for ex	(ams):		
II	Excel functions, SPSS, E-VIEWS, S	STATA			
11	5. Cointegration Analysis			12	
	0. vector Error Correction Model (	VECM)			
	7. Auto Regressive Distributed Lag	(ARDL) Mode	el		
	o. vector Autoregression (VAR) M	odel		. /	
			N - 0	2	

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	SELF STUDY CONTENTS (not relevant for Excel functions, SPSS, E-VIEWS, STATA	r exa	ms):	
III	<ol> <li>Interest Rates: Real, Nominal, Inflation and 10. Calculate YTM and Effective Annual Y Flows; Bonds &amp; Interest Rate Risk, Tax</li> </ol>	l the l ield Impl	Fisher Effect From Bond Cash ications For Zero	11
	Coupon Bonds 11. Stock Value Based on Present Value of	Futu	re Dividend Cash	5
	Flows. 12. Stock Valuation with Dividend Growth Mc	del		
	SELF STUDY CONTENTS (not relevant fo Excel functions, SPSS, E-VIEWS, STATA	r exa	ms):	
IV	<ul> <li>13. Investment criteria</li> <li>14. IRR and Non-conventional Cash Flows Multiple IRR; Investment Criteria: MIRR - of Return</li> <li>15. Scenario Analysis For Cash Flow &amp; NPV</li> </ul>	s, Pl Mod Calcu	ot Chart To See ified Internal Rate ilations	11
	16. Sensitivity Analysis For Cash Flow & NPV SELF STUDY CONTENTS (not relevant for	V Cal	culations ams):	
	Excel functions, SPSS, E-VIEWS, STATA	10		30
	<ol> <li>Students will prepare a Practical file containing unit.</li> <li>Practicals may be done using the software change.</li> <li>The external examiner shall take the written the software change.</li> </ol>	ing 2 osen n exa	Practicals from each by the teacher. am followed by viva	
	voce.	and	in the four units	
	4. Syllabus contains all the contents menu	meu	III the four diffest	75
Total C	ontact Hours Suggested Evaluation	on M	ethods	70
	Justemal Assessment: 30		End Term Ex	amination: 70
	Internal Assessment of	20	Theory:	50
Theory		5	Written E	xamination
Class P	articipation:	5		
Semina	r/presentation/assignment/quiz/etuse ter	10		60
Mid-Te	erm Exam:	10	Practical	20
Practic	cal	5	Lab record, Viva-	f the Practical
Class F	Participation:	5	execution	of the fraction
Semina	ar/Demonstration/ viva-voce/ 240	-		
Mid-T	erm Exam: Part C-Learning	g Res	sources	
	L L Beelte/e-resources/LMS:			
Recon	nmended Books/e-resources/ended	ey &	Sons, 2005	ness and Economics:
• (	Gary Koop. Analysis of Statistics and Multivaria	te Da	ata Analysis for Busi	licss and Dee
•	A Modern Approach Using SPSS, Stata, and Exc	el, S	pringer	omics using Excel:
	Kust Jechlitschka, Dieter Kirschke and Ger	ald	Schwarz: Microccor	outlage
•	Integrating economic theory, policy analysis and	spre	adsheet modering, 26	5. Packt Publishing
	ShmuelOluwa: Hands-On Financial Modeling w	ith E	XUELIUL WITCHOSOLU DO	
	UIIII UU		Chai	man,
		380	9 Depi Kuri	ukshetra University. RUKSHETRA-13611

- AbdulkaderAljandali and MotasamTatahi: Economic and Financial Modelling with EViews-A Guide for Students and Professionals
- Joaquim P. Marques de Sá: Applied statistics using SPSS, STATISTICA, MATLAB and R, Springer
- Robert P. Burns, Richard Burns : Business Research Methods and Statistics Using SPSS, Sage

Cha Department of Economics Kurukshetra University,

KURUKSHETRA-136119.

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Ses	sion: 2025-26		
Part A	A – Introductio	on and a second s	
Name of Programme	M.A. Busines	ss Economics	
Semester	Third		
Name of the Course	Introductory E	Econometrics	
Course Code	M24-BEC-312	2	
Course Type	DEC-5		
Level of the course	500-599		
Pre-requisite for the course (if any)		n.a.	
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO 1: U importance of and probabilit Regression u estimation me CLO 2:Evalua Markov Theor F tests, assess various functi CLO 3:Grass regressions, p results, and multicollinear autocorrelatio CLO 4:Creat Dummy Varia LPM, Logit, estimation usi CLO 5: Dem with the help	Inderstand the definition reconometrics, differentiaty distributions, and apply using Ordinary Least attends. The estimator properties, a rem, conduct significance s model goodness-of-fit, onal forms of regression resp the concept of re- perform estimation and i identify and address rity, heteroscedastion in OLS assumptions. e and use dummy variate able Trap, They'll also in Probit Models, and Fixed ing the LSDV method.	on, scope, and ate types of data y Simple Linear Squares (OLS) apply the Gauss- e tests with t and and understand models. multiple linear nterpretation of as issues like icity, and ables, avoid the be familiar with d Effects model
	Theory	Practical	Total
Cradita	3	1	4
Urealls	3	2	5
L town A appagement Marks	20	10	30
Internal Assessment Marks	50	20	70
End Term Exam Warks	70	30	100
Max. Marks	3 Hours	3 Hours	
Examination Time PartB-Co	ontents of the	Course	
<b>Instructions for Paper- Setter:</b> The exami unit and one compulsory question by takin The compulsory question (Question No. 1) examinee will be required to attempt 5 qu	iner will set 9 c ng course learni will consist at l nestions; selecti	uestions asking two questing outcomes (CLOs) interest 4 parts covering enting one question from each	stions from each to consideration. ire syllabus. The ach unit and the
compulsory question. All questions will carr	y equal marks.		<b>Contact Hours</b>
Unit	opics		
I Introduction to Econometrics: Definition scope, Methodology and	l importance of	econometrics, Types of Panel Data. Probability	12
Data; Time Series data, Closs Sci	cuon bana ana	a proj-	2

39)

	distributions; normal and t distribution, Hy	poth	esis testing and confidence	2
	intervals. Simple Linear Regression: Simple	Lin	ear Regression; Definition	1
	and assumptions, Estimation methods; Ordin	nary	Least Squares (OLS),	
11	Estimation, Significance Testing, and M	lode	el Evaluation in Simple	
	Regression :			
	Desirable properties of an estimator, Gauss	Marl	kov Theorem. Test for the	11
	significance of parameter estimates (t test ar	nd F	test) Goodness-of-fit and	11
	model evaluation, Functional forms of Regre	ssion	Models	
III	Multiple Linear Regression and Violation	of A	sumptioner	
	Multiple Linear Regression Model: Defin	ition	and basis concent of	
	multiple regression Estimation and L	ntorr	and basic concept of	
	consequences of violation of OLS and	mert	tions, Causes and	11
	Heteroscedasticity and Autocorrelation	sump	Multicollinearity,	
IV	Dummy Variables and Eight DEC			
1.4	Dummy variables and Fixed Effects Mode	ls:D	efinition and construction	
	of dummy variables Use of dummy varia	bles	to represent categorical	
	variables, reference category and its interpret	atior	, Applications of dummy	11
	variables in Economics, Dummy Variable T	rap,	Uses of Dummy variable	
	for testing structural change, seasonal analysi	s and	d interaction effect. LPM,	
	Logit and Probit Models. Fixed effects model	estii	nation by LSDV method.	
V*	Practicals			30
- a - a	1. Estimation of OLS Model			50
	2. Testing the significance of Parameters of e	equat	ion	
	3. Detection & removal of Multicollinearity-	1	non	
	4. Detection & removal of Multicollinearity	2		
	5. Detection & removal of Heteroscedasticit	ے بر 1		
	6 Detection & removal of Hateroscedasticity	y-1		
	7 Detection & removal of Autocompletion 1	-2.		
	<ol> <li>Detection &amp; removal of Autocorrelation-1.</li> <li>Potentian &amp; removal of Autocorrelation-1.</li> </ol>	0		
	o. Detection & removal of Autocorrelation-2.			
	0 Use of Dummer 11 1		121	
	9. Use of Dummy variables-1		-	
	<ol> <li>Use of Dummy variables-1</li> <li>Use of Dummy variables-2</li> <li>Use of Dummy variables-2</li> </ol>			
x y	<ol> <li>Use of Dummy variables-1</li> <li>Use of Dummy variables-2</li> <li>Use of Dummy variables-3</li> </ol>			
son e X	<ol> <li>9. Use of Dummy variables-1</li> <li>10. Use of Dummy variables-2</li> <li>11. Use of Dummy variables-3</li> <li>12. Use of Dummy variables-4</li> </ol>		т. Т	
	<ol> <li>9. Use of Dummy variables-1</li> <li>10. Use of Dummy variables-2</li> <li>11. Use of Dummy variables-3</li> <li>12. Use of Dummy variables-4</li> <li>13. Fixed &amp; Random Effects Model Estimation</li> </ol>	1		
Fotal Co	<ul> <li>9. Use of Dummy variables-1</li> <li>10. Use of Dummy variables-2</li> <li>11. Use of Dummy variables-3</li> <li>12. Use of Dummy variables-4</li> <li>13. Fixed &amp; Random Effects Model Estimation</li> </ul>	1		75
Fotal Con	<ul> <li>9. Use of Dummy variables-1</li> <li>10. Use of Dummy variables-2</li> <li>11. Use of Dummy variables-3</li> <li>12. Use of Dummy variables-4</li> <li>13. Fixed &amp; Random Effects Model Estimation</li> <li>ntact Hours</li> </ul> Suggested Evaluation	n on N	lethods	75
Fotal Con	<ul> <li>9. Use of Dummy variables-1</li> <li>10. Use of Dummy variables-2</li> <li>11. Use of Dummy variables-3</li> <li>12. Use of Dummy variables-4</li> <li>13. Fixed &amp; Random Effects Model Estimation</li> <li>ntact Hours</li> </ul> Suggested Evaluation Internal Assessment: 30	n on N	lethods End Term Examin	75
Total Con	<ul> <li>9. Use of Dummy variables-1</li> <li>10. Use of Dummy variables-2</li> <li>11. Use of Dummy variables-3</li> <li>12. Use of Dummy variables-4</li> <li>13. Fixed &amp; Random Effects Model Estimation</li> <li>ntact Hours</li> </ul> Suggested Evaluation Internal Assessment: 30	on N	lethods End Term Examin Theory: 50	75 nation: 70
Total Con	<ul> <li>9. Use of Dummy variables-1</li> <li>10. Use of Dummy variables-2</li> <li>11. Use of Dummy variables-3</li> <li>12. Use of Dummy variables-4</li> <li>13. Fixed &amp; Random Effects Model Estimation</li> <li>ntact Hours</li> </ul> Suggested Evaluation Internal Assessment: 30	20	lethods End Term Examin Theory: 50	75 nation: 70
Total Con Theory Class Part	<ul> <li>9. Use of Dummy variables-1</li> <li>10. Use of Dummy variables-2</li> <li>11. Use of Dummy variables-3</li> <li>12. Use of Dummy variables-4</li> <li>13. Fixed &amp; Random Effects Model Estimation</li> <li>ntact Hours</li> </ul> Suggested Evaluation Internal Assessment: 30 Support the second	20 5	Iethods End Term Examin Theory: 50 Written Examin	75 nation: 70 nation
Total Con Theory Class Part eminar/p	<ul> <li>9. Use of Dummy variables-1</li> <li>10. Use of Dummy variables-2</li> <li>11. Use of Dummy variables-3</li> <li>12. Use of Dummy variables-4</li> <li>13. Fixed &amp; Random Effects Model Estimation</li> <li>ntact Hours</li> </ul> Suggested Evaluation Internal Assessment: 30 Sicipation: presentation/assignment/quiz/class test etc.:	20 5 5	Iethods End Term Examin Theory: 50 Written Examin	75 nation: 70 nation
Total Con Theory Class Part eminar/p fid-Term	<ul> <li>9. Use of Dummy variables-1</li> <li>10. Use of Dummy variables-2</li> <li>11. Use of Dummy variables-3</li> <li>12. Use of Dummy variables-4</li> <li>13. Fixed &amp; Random Effects Model Estimation</li> <li>ntact Hours</li> </ul> Suggested Evaluation Internal Assessment: 30 icipation: presentation/assignment/quiz/class test etc.: n Exam:	<b>20</b> 5 5 10	lethods End Term Examin Theory: 50 Written Examin	75 nation: 70 nation
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Total Con Theory Class Part eminar/p fid-Term ractical	<ul> <li>9. Use of Dummy variables-1</li> <li>10. Use of Dummy variables-2</li> <li>11. Use of Dummy variables-3</li> <li>12. Use of Dummy variables-4</li> <li>13. Fixed &amp; Random Effects Model Estimation</li> <li>ntact Hours</li> <li>Suggested Evaluation</li> <li>Internal Assessment: 30</li> </ul>	<b>20 5 5 10 10</b>	Iethods End Term Examin Theory: 50 Written Examin Practical -20	75 nation: 70 nation
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Total Con Theory Class Part eminar/p fid-Term ractical lass Parti eminar/p	<ul> <li>9. Use of Dummy variables-1</li> <li>10. Use of Dummy variables-2</li> <li>11. Use of Dummy variables-3</li> <li>12. Use of Dummy variables-4</li> <li>13. Fixed &amp; Random Effects Model Estimation ntact Hours Suggested Evaluation Internal Assessment: 30 icipation: resentation/assignment/quiz/class test etc.: icipation: resentation/assignment/quiz/class test etc.:</li></ul>	<b>20</b> 5 5 10 <b>10</b> 5 5 5	Iethods         End Term Examin         Theory: 50         Written Examin         Practical -20         Lab record, Viva-Voce, execution of the Practical	75 nation: 70 nation write-up and al
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Fotal Con Fheory Class Part eminar/p fid-Term ractical lass Parti eminar/pr ecomme • Ame • Balt	9. Use of Dummy variables-1 10. Use of Dummy variables-2 11. Use of Dummy variables-3 12. Use of Dummy variables-4 13. Fixed & Random Effects Model Estimation ntact Hours Suggested Evaluation Internal Assessment: 30 Substantiation icipation: resentation/assignment/quiz/class test etc.: nesentation/assignment/quiz/class test etc.: Part C-Learning Inded Books/E-Resources/LMS: emiya, T. (1985).Advanced Econometrics. Har agi, B.H. (1988).Econometrics. Springer, New	20 5 5 10 10 5 <b>Reso</b> Vard	Iethods         End Term Examin         Theory:       50         Written Examin       Sources         Practical -20       Lab record, Viva-Voce, execution of the Practice         Lab record, Viva-Voce, execution of the Practice       Sources         University Press, Cambrid k.       K.	75 nation: 70 nation write-up and al ge, Mass.
Total Con Theory Class Part eminar/p fid-Term ractical lass Parti eminar/pr ecomme • Ame • Balt • Gold	9. Use of Dummy variables-1 10. Use of Dummy variables-2 11. Use of Dummy variables-3 12. Use of Dummy variables-4 13. Fixed & Random Effects Model Estimation ntact Hours Suggested Evaluation Internal Assessment: 30 Substantiation cicipation: oresentation/assignment/quiz/class test etc.: n Exam: icipation: resentation/assignment/quiz/class test etc.: New: ided Books/E-Resources/LMS: emiya, T. (1985).Advanced Econometrics. Har agi, B.H. (1988).Econometrics. Springer, New: dberger, A.S. (1998).Introductory Econometric	<b>20</b> 5 5 10 <b>10</b> 5 <b>5</b> <b>Reso</b> Vard Yor s. O:	Iethods         End Term Examin         Theory:       50         Written Examin         Practical -20         Lab record, Viva-Voce, execution of the Practical -20         University Press, Cambrid k.         University Press, Cambrid k.	75 nation: 70 nation write-up and al ge, Mass.
Fotal Con Fheory Class Part eminar/p fid-Term ractical lass Parti eminar/pu ecomme • Ame • Balta • Gold	9. Use of Dummy variables-1 10. Use of Dummy variables-2 11. Use of Dummy variables-3 12. Use of Dummy variables-4 13. Fixed & Random Effects Model Estimation <b>ntact Hours</b> Suggested Evaluation Internal Assessment: 30 dicipation: presentation/assignment/quiz/class test etc.: n Exam: icipation: resentation/assignment/quiz/class test etc.: Part C-Learning I nded Books/E-Resources/LMS: emiya, T. (1985).Advanced Econometrics. Har agi, B.H. (1988).Econometrics. Springer, New dberger, A.S. (1998).Introductory Econometric	<b>20</b> 5 5 10 <b>10</b> 5 5 <b>Reso</b> Vard Yor s. O:	Iethods         End Term Examin         Theory:       50         Written Examin       Sources         Practical -20       Lab record, Viva-Voce, execution of the Practical ources         University Press, Cambrid k.       Sources, New Check Press, Press	75 nation: 70 nation write-up and al ge, Mass.
Fotal Con Fheory Class Parti- did-Term ractical lass Parti- eminar/pr ecomment • Ame • Balta • Gold	9. Use of Dummy variables-1 10. Use of Dummy variables-2 11. Use of Dummy variables-3 12. Use of Dummy variables-4 13. Fixed & Random Effects Model Estimation <b>ntact Hours</b> Suggested Evaluation Internal Assessment: 30 dicipation: presentation/assignment/quiz/class test etc.: n Exam: icipation: resentation/assignment/quiz/class test etc.: Part C-Learning I nded Books/E-Resources/LMS: emiya, T. (1985).Advanced Econometrics. Har agi, B.H. (1988).Econometrics. Springer, New dberger, A.S. (1998).Introductory Econometric 39%	<b>20</b> 5 5 10 <b>10</b> 5 <b>Reso</b> Vard Yor s. O:	Iethods         End Term Examin         Theory:       50         Written Examin         Practical -20         Lab record, Viva-Voce, execution of the Practical execution execution of the Practical execution of the Practical execution execution of the Practical execution execution of the Practical execution	75 nation: 70 nation write-up and al ge, Mass.
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Session: 2025-26						
N	Part	– Introduction				
Name of Programme		M.A.Business Economics				
Semeste	er	Third	Third			
Name of the Course		Analysis of Business and Economic Policy				
Course	Code	M24-BEC-313				
Course	Гуре	DEC-5				
Level o	f the course	500-599	8			
Pre-req	uisite for the course (if any)		n.a.			
Coursel	LearningOutcomes (CLO)	CLO 1: To understand the basics and theoretical				
After co	ompleting this course, the learner will	constructs of policy analysis.				
be able	to:	CLO 2: To le	2: To learn to analyse Agriculture and Industrial			
		Sector Policie	es in India			
		CLO 3: To 1	CLO 3: To learn to analyse social Sector Policies in			
		India				
		CLO 4: 10	learn to analyse ma	acroeconomic and		
		illianciai Sec	tor Foncies in mara			
Credits		Theory	Practical	Total		
		4	0	4		
Teachir	ng Hours per week	4	0	5		
Internal	Assessment Marks	30	0	30		
End Ter	rm Exam Marks	70	0	70		
Max. M	larks	100	0	100		
Examin	ation Time	3 hours		100		
	PartB – C	ontents of the	e Course			
Instructi	ions for Paper- Setter: The examine	er will set 9 au	uestions asking two ou	estions from each		
unit and	one compulsory question by taking co	ourse learning	outcomes (CLOs) into	consideration. The		
compulse	ory question (Question No. 1) will	consist at leas	st 4 parts covering en	tire syllabus. The		
examinee	e will be required to attempt 5 que	estions, selection	ng one question from	each unitand the		
compulse	compulsory question. All questions will carry equal marks.					
Unit	То	opics		Contact Hours		
1	Introduction to Policy Analysis			15		
	Policy Analysis: Meaning and I	Definition; Pu	blic Policy - Basic			
	Concepts and Theoretical Background for Policy Analysis; Ethical and					
	Political Dimensions of Policy Analysis; Steps in Policy Analysis;					
	Methods in Policy Analysis					
11	Agriculture and Industrial Sector	lia	15			
	Agricultural Policy: National Policie	es on Agricultu	re, Agriculture Policy			
	Vision 2020, Subsidies, Minimum					
	System, Impact of Agricultural Policy on Agricultural Sector.					
a						
	Industrial Policy: Industrial Policy in India since Independence.					
	Industrial Licensing Policy, New Economic Policy, Impact of Policy					
	Changes on Industrial Production, Structural Changes, Corporate Social					
e	Responsibility (CSR)					
III	Social Sector Policies in India			15		
	Population Policies - Demographic Dividend, Population Policy 2000-			000200		
Poverty and Unemployment Policies – MGNREGA, Unorganised Sector						
Ш	II Social Sector Policies in India Population Policies - Demographic Dividend, Population Policy 2000; Poverty and Unemployment Policies – MGNREGA, Unorganised Sector			15		

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	Labour Policies; Health Policies; Education Policies & Right to				
	Education (RTE); Right to Employment; Right to Information; MDGs				
	and SDGs				
IV	<b>Macroeconomic and Financial Policies Issue</b>	15			
	Social and Political Landscape in India; Nev	v Ec	onom	ic Policy 1995;	
	Structural Adjustments - Liberalization, Privat	izati	on (El	XIT Policy) and	
a -	Globalization; Impact of WTO: TRIPs, TRIMs, & GATS.				
	Financial Sector: Banking Sector Policies, N	,			
	NBFIs, Insurance Sector, Financial Sector Re	5			
	Policy, Monetary Policy.				(0)
	Total Contact Hours				60
	Internal Assessment: 30	on N	letnoo	18 End Term Ex	amination · 70
> The	eorv	30	X	Theory:	70
Class	Participation:	5		Written Ex	amination
• Class	rationation.	10			
• Seini	Tampiesentation/assignment/quiz/class test etc	15			
• Mid-Term Exam:		15			
> Practical					
Class Participation:					2
• Seminar/Demonstration/Viva-voce/Lab records etc.:					
• Mid-Term Exam:					
Part C-Learning Resources					
Recom	ahamia Shankan (2002) India's Economy' Som	a Icc	1160 20	d Answers Acs	demic Foundation
• Acharya Shankar, (2003) India's Economy: Some issues and Answers, Academic Foundation,					
New Delni.					
• Anthony E. Boardman, David H. Greenberg, Aldan R. Villing, and David L. Weinier, (2001)					
Cost- Benefit Analysis: Concepts and Flactice, Englewood Chills, New Jersey, Flentice-Han.					
• Bardach, Eugene, (2011) A Practical Guide for Policy Analysis: The Eightfold Paul to More					
Effective Problem Solving, washington D.C.					
• David L. Weimer and Aidan K. Vining, (2010) Policy Analysis: Concepts and Practice,					
Englewood Cliffs, New Jersey: Prentice-riall.					
• Dhar P. N, (2003) The Evolution of Economic Policy in India-Selected Essays, OUP, New					
I D	Delhi				

- Dhar P.K., (2016) Indian Economy: Its Growing Dimensions, Kalyani Publications, Ludhiana.
- Dunn, William N, (2011) Public Policy Analysis: An Introduction, Prentice Hall.
- DuttRuddar, and K.P.M. (2004) Sundaram, Indian Economy, S. Chand and Company, New Delhi.
- Dye, T. (2013) Understanding Public Policy, Englewood Cliffs, NJ, Prentice Hall.
- Hanson James A., and Sanjay Kathuria (Ed) (2001) India-A Financial Sector for the Twenty-First Century, World Bank, Oxford University Press, New York.
- HanumanthaRao C. H. (2006) Agriculture, Food Security, Poverty Environment Essays on Post Reform India, OUP
- Kapila Uma, (2015) Indian Economy since Independence, Academic Foundation, New Delhi.
- Kapila Uma, (2005) Understanding the Problem of Indian Economy, Academic Foundation, New Delhi.
- Misra S.K. & V.K. Puri, (2011) Indian Economy-Its Development Experience, Himalaya Pub., House, Mumbai.
- NCAER, Economic and Policy Reforms in India, NCAER, New Delhi.
- Patton & Sawicki, Monitoring & Evaluating Implemented Policies, Prentice Hall

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- Patton, Carl V. and David S. Sawicki, (2015) Basic Methods of Policy Analysis and Planning, Englewood Cliffs, New Jersey, Prentice Hall.
- Vaidyanathan A, (2003) India's Economic Reforms and Development, Academic Foundation, New Delhi.

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Session: 2025-26					
PartA-Introduction					
Name	Name of Programme M.A.Business Economics				
Semest	ter	Third			
Name	of the Course	Introductory Economics			
Course	e Code	M24-OEC-310			
Course	еТуре	OEC			
Level	of the course	500-599			
Pre-ree	quisite for the course (if any)	n.a.			
Course	eLearningOutcomes (CLO)	CLO 1:Explain the meaning and nature of economics			
After c	completing this course, the learner will	along with the important concepts of its			
be able	e to:	Microeconomics branch.			
		CLO 2: Anal	yze and apply some ba	sic concepts from	
		closed and op	en Macroeconomics.		
		CLO 3: Elu	cidate the concepts o	f taxation, fiscal	
		policy, budg	et deficits, and constr	uction of various	
		indices as the	measures of economic	development and	
	1	thus enter into	o the field of policy mai	ting.	
	с. I	LU 4: Make	positive as well as not	mative analysis of	
C 1'4	-	Theory	Practical	Total	
Credit	S	2	O	2	
T 1	·	2	0	2	
Teaching Hours per week		15	0	15	
Internal Assessment Marks		25	0	35	
End Term Exam Marks		50	0	50	
Max. Marks		3 hours	0	50	
Examination Time		ntonts of the	Course		
Transforme	ations for Denor Sotton The evening	ar will set 0 o	uestions asking two gu	estions from each	
Instru unit or	d one compulsory question by taking	a course learni	ng outcomes (CLOs) i	nto consideration	
The co	mpulsory question (Question No. 1) y	vill consist at 1	east 4 parts covering et	tire syllabus. The	
evami	nee will be required to attempt 5 gu	estions selecti	ing one question from	each unitand the	
compu	lory question All questions will carry	equal marks.	ing one question nom		
Unit	Tor	oics		<b>Contact Hours</b>	
I	Micro Economics			7.5	
	Meaning, Nature, and Branches	of Economics	; Central Economic		
	Problems: Concepts of Demand ar	nd Supply; Fa	ctors of Production;		
	Concepts of Cost and Revenue; Market Forms and their Features.				
II	Macro Economics 7.5			7.5	
	Basic Concepts in National Income; Concepts of Saving and Investment;				
	Money and its Functions; Current Account and Capital Account; Balance				
	of Payment and Balance of Trade; Concept of Exchange Rate.				
III	Public Finance and Development Economics 7.5			7.5	
	Direct Taxes and Indirect Taxes: Types, Merits and Demerits; Fiscal				
	Policy and its Instruments; Budget and Fiscal Deficits; Concept of				
	Economic Growth and Economic Development; Human Development				
	Index; Gender Development Index.				

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IV Indian Economy Policy	Indian Economy Policy				
Basic Features of Indian Economy in Preser					
Programmes; Causes of Inflation; RBI and					
Agricultural, Industrial, and Service Sectors					
and Globalization (Concepts only).					
Total Contact Hours			30		
Suggested Evaluation Methods					
Internal Assessment: 15 End Term Exa			amination: 35		
Theory	15	Theory:	35		
Class Participation:		Written Ex	amination		
Seminar/presentation/assignment/quiz/class test etc.:	4				
Mid-Term Exam:	7				

### Part C-Learning Resources

# Recommended Books/e-resources/LMS:

- Anderton, A. (2008). Economics. Dorling Kindersley (India) Pvt. Ltd., New Delhi.
- Datt, G., & Mahajan, A. (2020). Datt & Sundharam's Indian economy. S. Chand Publishing.
- Dhar, P.K. (2020). Indian economy: Its growing dimensions. Kalyani Publishers, New Delhi.
- Dwivedi, D.N. (2010). Macroeconomics: Theory and policy. Tata McGraw Hill, New Delhi.
- Gupta, J.R. (2005). Public economics in India Theory and practice. Atlantic Publishers.
- Kapila, U. (2015). Indian economy Performance and policies. Academic Foundation.
- Kapila, U. (2018). Indian economy since independence. Academic Foundation.
- Mankiw, G. N. (2018). Principles of economics. South-Western Cengage Learning, USA.
- Ministry of Finance (2024). Economic Survey. Government of India.
- Mishra, S.K., &Puri, V.K. (2024). Indian Economy. Himalaya Publications, New Delhi.
- Paul, R. R. (2010). Monetary Economics. Kalyani Publishers, New Delhi.
- Samuelson, P.A., &Nordhaus, W.D. (2010). Economics. Tata McGraw-Hill.
- Sowell, T. (2011). *Basic economics: A common sense guide to the economy*. Basic Books, New York.

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		Session: 2025-2	26		
Bost A Introduction					
Nome of	Programme	M A Business Eco	nomics	_	
Semester		Fourth	honnes		
Name of	the Course	Contemporary Ind	ian Economy		
Course (	Tode	M24-BEC-401			
Course	vno	CC-11			
Loval of	the course	500-500			
Deceneration	inite for the course (if	300-399	<b>n</b> 0		
Pre-requ	isite for the course (if	11.a.			
Coursel	comingQuitcomes (CLQ)	CLO 1: Understand the performance of the Indian econom			Indian economy
After cor	A for completing this course, the			monan coonomy	
Aller Col	rill he able to:	CLO 2: To com	c. prehend the perfor	mance a	and policies for
learner w	fill be able to.	different sectors of	the Indian economy		and ponetes for
		CLO 3: Explore t	he composition of	y. Indian f	inancial system
including the central bank, commercial banks, money and			ks money and		
		capital markets fis	acal policy and publ	ic debt	iks, money and
		CLO 4: Grasp Ir	dia's international	econom	ic engagements
		through trade inve	estment and foreign	exchange	re management
Credits		Theory	Practical	exenang	Total
4 0 4			4		
Teaching Hours per week 4 0			4		
Internal Assessment Marks		30	0		30
End Terr	n Exam Marks	70	0	70	
Max. Ma	urks	100	0		100
Examina	tion Time	3 hours			
	Par	t B-Contents of th	e Course		
Instruc	tions for Paper- Setter: The	examiner will set 9	questions asking t	wo quest	tions from each
unit and	l one compulsory question by	y taking course lear	ming outcomes (CL	Os) into	consideration.
The con	npulsory question (Question )	No. 1) will consist a	it least 4 parts cover	ing entir	e syllabus. The
examine	ee will be required to attemp	ot 5 questions, selec	cting one question	from eac	ch unit and the
compuls	sory question. All questions w	vill carry equal mark	IS.		
Unit		Topics			<b>Contact Hours</b>
Ι	Characteristics of the Ind	ian Economy			
	Characteristics of Indian	Economy on the	e eve of indepen	dence,	15
	Development Strategies in I	ndia: Planning in In	ndia: Objectives Stra	ategies	
	and Evaluation, Trend and S	Structure of Nationa	1 Income since 1951	, New	
	Economic Policy 1991, Per	formance of Indian	Economy in post	reform	
	era, Behaviour of saving a	nd investment in re	ecent years, Infrastr	ructure	
	bottlenecks in Indian economy, Impact of institutional factors on				
	development of Indian Econ	omy.			
II	Structure of the Indian Eco	onomy			
	Agriculture: Growth, Prod	uctivity Trends an	nd Crop Patterns,	Green	15
	Revolution, Recent Issue	es in Indian Ag	riculture Trends	in its	
	diversification, Rural Credit	& Marketing, Indu	strial Development	during	
	post-independence Period, Small Scale and cottage industries, Industrial				

relation and Social security, Growth and Contribution of Services sector in 460

Policy, Public sector in India, Disinvestment Programme in India, Labour

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	India, Service led Growth.				
III	Money, Banking and Finance				
	Price trends and Inflation, Indian Finance	of 15			
	India, Commercial banking in India, Mon-	ey N	Market, Capital Market	in	
	India, Institutional Financing, Center St	tate	finance relations; rece	nt	
	finance commission, Tax revenue of c	entr	al and state governmer	ıt;	
	evaluation of Indian tax structure; goods a	nd s	ervice tax in India, Publ	ic	
	Expenditure in India ;trends and issue, Publ	ic D	ebt in India.		
IV	IV Foreign Trade And Foreign Capital				
	India's Foreign Trade; Value, Composition and Direction, India's Balance				
	of Payments, Exim policy, Foreign Capit	al a	nd Aid, India's Exchan	ge	
	Rate Policy, Management of Foreign Exc	chan	ge Reserve, Multination	al	
	corporation, FERA and FEMA, World Trad	le Oi	ganization and India.		
			Total Contact Ho	urs 60	
	Suggested Evalua	tion	Methods	<i>6</i>	
	Internal Assessment: 30		End Term Exar	nination: 70	
Theory		30	Theory: 70		
Class Participation:		5	Written Exam	mination	
Seminar/presentation/assignment/quiz/class test etc.:		10	]		
Mid-Ter	m Exam:	15			
	Part C-Learnin	g R	esources		

### Recommended Books/e-resources/LMS:

- Banerjee, A. & Singh, S.K. (2001). Banking and Financial Sector Reforms in India, Deep & Deep Publications, New Delhi.
- Bhagwati, Jagdish (2004). In Defense of Globalization. Oxford University Press, New Delhi.
- Bhandari, Surendra (1998). WTO and Developing Countries, Deep & Deep Publications, New Delhi.
- Biswas, P.K. & Das, P. (Eds.). (2019). Indian Economy: Reforms and Development, Springer.
- Datt, G. & Mahajan, A. (2020). Datt&Sundharam's Indian Economy, S. Chand Publishing House.
- Desai, Vasant (2005).Indian Financial System and Financial Market Operations, Himalaya Publishing House, New Delhi.
- Dhar, P.K. (2020).Indian Economy: Its Growing Dimensions. Kalyani Publishers, New Delhi
- Dwivedi, Rishi Muni (2011). Energy Sources and Policies in India. New Century Publication, New Delhi.
- HanumanthaRao, C.H., Bhattacharya, B.B. and Siddharthan, N.(Eds.). (2005). Indian Economy and Society in Era of Globalization and Liberalization, Academic Foundation, New Delhi.
- Kapila, Uma (2014-2015). Indian Economy since independence, Academic Foundation, New Delhi.
- Mahajan, Madhur M. (2019).Indian economy. Pearson Education, New Delhi.
- Mathur, Vibha (2005).WTO and India (Development Agenda for the 21<sup>st</sup> century), New Century Publications, New Delhi.
- Meier, Gerald M. (1987). Pioneers in Development. Oxford University Press, New Delhi.
- Ministry of Finance (2024). Economic Survey. Government of India.

Mishra, S. K. & Puri, V.K. (2020). Indian Economy. Himalaya Publishing House, New Delhi

 Rameshan P. (2008).WTO, India and Emerging area of Trade: Challenges and Strategies, Excel Books, New Delhi.

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- Shergill, H.S. (2006). Diversification of cropping pattern: A Re-Examination, Institute for Development and Communication, Chandigarh.
- Sinha, Yashwant&Srivastava, Vinay K. (2017). The Future of Indian Economy: Past Reforms and Challenges ahead, Rupa Publications, New Delhi.

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Session: 2025-26				
	PartA-Introduction			
Name of Programme	Name of Programme M.A. Business Economics			
Semester	Fourth			
Name of the Course	Environmental and R	Resource Economics		
Course Code	M24-BEC-402			
CourseType	CC-12			
Level of the course	500-599			
Pre-requisite for the course (if any)		n.a.		
CourseLearningOutcomes (CLO)	CLO 1: Understand	the dynamics of eco	onomy-environment	
After completing this course, the learner	ter completing this course, the learner interaction.			
will be able to:	will be able to: CLO 2: Analyse the Interplay between environment			
	development.			
	CLO3: Comprehend	the economics of exh	austible resources.	
	CLO 4: Understand	the Economics of rene	wable resources.	
Credits	Theory	Practical	Total	
	4	0	4	
Teaching Hours per week	4	0	4	
Internal Assessment Marks	30	0	30	
End Term Exam Marks	70	0	70	
Max. Marks	100	0	100	
Examination Time	3 hours			
Part	B – Contentsofthe C	ourse		
and one compulsory question by taking compulsory question (Question No. 1) wil will be required to attempt 5 questions question.All questions will carry equal mat	g course learning out l consist at least 4 part , selecting one quest rks.	comes (CLOs) into s covering entire sylla ion from each unitar	consideration. The bus. The examinee ad the compulsory	
Unit	Topics		<b>Contact Hours</b>	
1 Introduction			15	
Economy-environment interaction	; Material balance pri	inciple; entropy law;		
market failure; property rights; or	en, closed and comm	on access resources;		
resource economics – environme	ental economics – ec	cological economics:		
Characteristics and synergy.			15	
<sup>11</sup> Environment vs. Development			15	
Kelation between development a	and environmental st	ress; Environmental		
Kuznet's curve hypothesis – theory and empirical evidence; concept of				
environmental accounting market	rs of sustainability; va	arious approaches to		
III Economics of Exhaustible Deservations			15	
Hotelling's rule: Solow-Hartwick'	s Rule: competitive n	and at atmastration and	15	
optimal extraction policy; monopoly oligopoly cartel and other market				
structures – optimal extraction policy, uncertainty and the rate of resource				
extraction: exploration and extracti	on: resource scarcity -	indicators evidence		
and critique.				
IV Economics of Renewable Resource	ces		15	
Characteristics of renewable resource	arces – growth function	ons and growth rate	10	
economic models of fisheries. econ	nomics of optimal harv	vest cycles of forests.		
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extinction of species, economics of Biodiversity.				
Total Contact Hours			60	
Suggested Evaluation	on Metl	hods		
Internal Assessment: 30 En			<b>End Term Examination: 70</b>	
> Theory	30	> Theory:	70	
Class Participation:	5	Written	Examination	
• Seminar/presentation/assignment/quiz/class test etc.:	10			
• Mid-Term Exam:	15			
Part C-Learning Resources				
Recommended Books/e-resources/LMS:				

### • Kolstad, C., Intermediate Environmental Economics, 2012 (2nd Edition), Oxford University Press.

- Kolstad, C, Environmental Economics, 2000, Oxford University Press.
- Hanley, N., J.F. Shogren, and B. White, Environmental Economics: In Theory and Practice, 2006, Oxford University Press.
- Prato, T., Natural Resource and Environmental Economics, 1999, Wiley-Blackwell.
- Perman, R., Ma. Y., Common, M., Maddison, D., Mcgilvray, J., Natural Resource and Environmental Economics, 2011 (4th Edition), Pearson Education Limited.
- Gopalakrishnan, C., Classic Papers in Natural Resource Economics, 2000, Palgrave Macmillan.
- Conrad, J.M. and C. Clark, Natural Resource Economics Notes and Problems, 1987, Cambridge University Press.
- Dasgupta, P.S. and G.M. Heal, Economic Theory and Exhaustible Resources, 1979, University Press (Selected chapters).

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	Session: 2025-26			
	Part	A – Introducti	on	
Name of	of Programme	M.A.Business	Economics	
Semest	er	Fourth		
Name	of the Course	Options and F	utures	
Course	Code	M24-BEC-403	3	
Course	Туре	DEC-6		
Level	of the course	500-599		
Pre-rec	uisite for the course (if any)			
Course	LearningOutcomes (CLO)	CLO 1: Under	rstand the meaning and t	ypes of financial
After c	ompleting this course, the learner	derivatives alo	ong with pricing of forwar	rd and futures.
will be	able to:	CLO 2: Understand how the hedging is done using		
		futures?		
	CLO 3: Understand options mechanism along with			ism along with
their pricing.			•	
CLO 4: Understand Greeks and various options tradin			options trading	
strategies.				
CLO 5: Demonstrate the ability to sol			ve the problems	
		mentioned in o	contents with the help of	a software.
Credits Theory Practical			Total	
		3	1	4
Teaching Hours per week 3 2		5		
Internal Assessment Marks 20 10			30	
End Te	rm Exam Marks	50	20	70
Max. N	Iarks	70	30	100
Examin	nation Time	3 hours	3 hours	
	PartB –	Contentsofthe	Course	
Instru	ctions for Paper- Setter: The exam	iner will set 9 c	uestions asking two que	stions from each
unit an	d one compulsory question by taking	ng course learni	ng outcomes (CLOs) int	to consideration.
The co	mpulsory question (Question No. 1)	will consist at l	east 4 parts covering ent	ire syllabus. The
examin	ee will be required to attempt 5 q	uestions, select	ing one question from e	each unitand the
compu	sory question. All questions will carr	y equal marks.		
Unit	]]	opics		<b>Contact Hours</b>
I	Forwards and Futures			11
	Meaning, Types, Profit & Pay-off	s from Financial	derivatives; Mechanics	
	of Futures Market: Transactions on	a Futures Excha	ange; Specifications of a	
	Futures Contracts; Operation of M	argins; Converg	ence of Futures price to	
	Spot Price; Determination of Fo	orward/Futures	prices: Investment vs.	
	Consumption assets; Short selling; Determination of Forward prices -			
	Cash-and Carry & Reverse Cash & Carry Arbitrage; Value of Forward			
Contracts				
II Hedging using Futures			11	
	Hedging Strategies using Futures:	Uses of Future	es contracts; Hedging -	
	Long and Short Hedge, Choice	of Futures co	ntract, No. of Futures	
	contracts – Hedge Ratio; Hedge ef	tectiveness; Bas	is Risk; Cross hedging;	
	Redging with Index Futures; Cha	nging the portfo	olio beta using Futures;	
	Kolling the hedge forward.			2

III	<ul> <li>III Options</li> <li>Mechanics of Options: Specifications of Options Contracts; Moneyness of Options; Types of options; Trading &amp; Settlement; Factors affecting Option prices; Put-Call parity &amp; its uses; Valuing Options: Binomial Option</li> </ul>				
	Photog Model, one-step, two step binomial	(RSM	(OPM)		
ĪV	EV Greeks and Strategies				
	The Greeks: Delta, Gamma, Theta, Vega, an and Uses. 9. Trading Strategies using Options	d Rh s: Stra	o - Meaning, Properties ategies involving option	10 <sup>- 10</sup>	
	& stock – Covered Call & Protective put; Spreads – Bullish, Bearish, Butterfly; Combinations – Straddles, Strangles, Strips & Straps; Other Strategies – Collars Box Spread Ratio Spread Condors; Synthetic Stocks.				
V	V Practicals:				
	1. Students will prepare a Practical file containing 2 Practicals from each				
	2. Practicals may be done using the software chosen by the teacher.				
	3. The external examiner shall take the written exam followed by viva voce.				
	4. Syllabus contains all the contents mentioned in the four units.				
	Total Contact Hours			75	
	Suggested Evaluat	ion N	lethods		
	Internal Assessment: 30		End Term Exan	nination: 70	
Theory	y	20	Theory: 50	)	
Class P	Participation:	5	Written Exa	nination	
Semina	ar/presentation/assignment/quiz/class test etc .:	5			
Mid-Te	erm Exam:	10			
Practic	cal	10	Practical 20	)	
Class F	Participation:	5	Lab record, Viva-Vo	ce, write-up and	
Semina	Seminar/Demonstration/Viva-voce/Lab records etc.: 5 execution of the			e Practical	
Mid-Te	Mid-Term Exam:				
	Part C-Learning	g Res	ources		
Recom	mended Books/e-resources/LMS:		~		
• H	• Hull, J. (2006). Options, Futures and Other Derivative Securities. Prentice Hall.				
• K	<ul> <li>Kolb, Robert W. (1996). Financial Derivatives. Blackwell Publishing.</li> </ul>				

- Kolb, Robert W. & Overdahl, James (2006). Understanding Futures Markets. Blackwell Publishing.
- McDonald, R. (2002). Derivatives Markets. Addison-Wesley Publishing, Boston.
- Reilly, F.K. & Brown, K.C. (2012). Investment Analysis and portfolio management. South-Western Cengage Learning.

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Session: 2025-2026			
Par	tA- Introductio	on	
Name of Programme	M.A. Busines	ss Economics	
Semester	Fourth		
Name of the Course	Global Busin	ess Environment	
Course Code	M24-BEC-40	)4	
CourseType	DEC-6		
Level of the course	500-599		
Pre-requisite for the course (if any)		n.a.	
CourseLearningOutcomes (CLO)	CLO 1: Un	derstand basic issues ar	nd environment
After completing this course, the learner will	l related with g	globalization	1 20 0
be able to:	CLO 2: Ur	iderstand the Evaluate	the effects of
	economic in	tegration, trade agreement	nts, and global
	nolicies	ations on international tra	de practices and
	CLO 3. Un	derstand and analyse t	he working of
	International	Financial Management an	d Institutions
	CLO 4: Und	derstand about MNCs an	nd some issues
	related with r	narketing and HR	8
Credits	Theory	Practical	Total
	4	0	4
Teaching Hours per week40			4
Internal Assessment Marks 30 0			30
End Term Exam Marks	70	0	70
Max. Marks	100	0	100
Examination Time	3 hours		
PartB - (	Contentsofthe	Course	
unit and one compulsory question by taking	iner will set 9 q	uestions asking two ques	tions from each
The compulsory question (Question No. 1)	will consist at 1	ng outcomes (CLOs) into	o consideration.
examinee will be required to attempt 5 g	uestions selection	ing one question from e	ach unitand the
compulsory question. All questions will carry	v equal marks.	ing one question nom ea	ach unitand the
Unit	opics		Contact Hours
I Nature, importance, Evolution, scop	e advantages an	d limitations, challenges	15
of Globalisation and factors causing	g globalization	; Adapting to changing	
needs; Country attractiveness.			
Forces – Political Environment; Leg	al Environment	; Technology; Cultural -	
Environment; Country Classification	S.		
II Global I rade Policy: Economic int	egration theory	of customs union; partial	15
and general equilibrium analysis; Dynamic effects; Integration Experiences-			
the GATT rounds LINCTAD and evolution of world trading amongements			
World Trade Organization and	air trade-Deve	lopment Round Trade	
Facilitation; Trade War.		opinione reound, made	
III Financial Management and Institu	tions		15
International Capital Movements: F	DI and Portfoli	o Investment; Trends in	
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		T 1.	-	1.1	
Global FDI - Trends in FDI with reference to India; Euro currency market				rrency market	
and International Bon	id Market; Funding and	KISK	Managem	ent, Currency	
Crisis: East Asian Fir	ancial Crisis, Sub-Prime	lendi	ng Crisis,	Greece Crisis,	
Euro Crisis and Bre	exit. Evolutionary and (	Opera	itional dev	velopments in	
International Institution	ons: IMF, IDA, ADB.				
IV Multinational corporations-concept, growth trends, advantages, 15				15	
disadvantages, control, structure, impact					
Main Issues in Int	Main Issues in International marketing, international human resource				
management and corp	orate social responsibility				
	2 E		Total	Contact hours	60
	Suggested Evaluati	on M	lethods		
Internal As	sessment: 30		Enc	d Term Examin	ation: 70
Theory		30	Theory:	70	
Class Participation:		5		Written Examin	ation
Seminar/presentation/assignm	ent/quiz/class test etc .:	10			
Mid-Term Exam:	•	15			
Part C-Learning Resources					
Recommended Books/e-resources/LMS:					

- Francis Cherunilam (2010), Elements of Business Environment, Himalaya Publishing House.
- Ian Brooks, Jamie Weatherston Graham Wilkinson (2004), The International Business Environment, Prentice Hall Financial Times (Pearson Education).
- Ian Brooks, Jamie Weatherston Graham Wilkinson (2011), The International Business Environment, Challenges and Changes, 2nd edition, Prentice Hall Financial Times (Pearson Education).
- Leslie Hamilton & Philip Webster (2018), The International Business Environment, 4th edition, Oxford University Press.
- Masaaki Kotabe&KristiaanHelsen (2004), Global Marketing Management, 3rd edition, Wiley.
- P. SubbaRao (2010), International Business Environment [Including Skill Development], Himalaya Publishing House
- Warren J. Keegan (2009), Global Marketing Management, 7th edition, Pearson.

	Session • 2025-2026			
, .	Part	- Introducti	on	
Name of	Programme	M A Busine	ss Economics	
Semeste	r	Fourth	55 Leononnes	
Name of	f the Course	Business Lee	rislations	
Course Code M24-BEC-405				
CourseT	vpe	DEC-6		
Level of	the course	500-599		
Pre-requ	isite for the course (if any)		n.a.	
CourseL	CourseLearningOutcomes (CLO) CLO 1: Summarize the role of the			legal system in
After completing this course, the learner will governing and shaping the climate for			ousiness.	
be able to: CLO 2:List and describe the eleme			ts of a legally	
	enforceable contract, and explain the			consequences of
breach of contract.			-	
		CLO 3:Exp	lain the purpose and	characteristics
		Partnership A	Act.	
CLO 4:Understand and summarized			e Negotiable	
Instrument Act.				
Credits		Theory	Practical	Total
T 1 '	- TT 1	4	0	4
Teachin	g Hours per week	4	0	4
Internal	Assessment Marks	30	0	30
End Term Exam Marks		70	0	70
Max. Ma	arks	100	0	100
Examina	mon Time Bast P	3 hours		
Instant	ions for Denor Sotton The marin	ontentsolthe	Course	
unit and	one compulsory question by taking	ter will set 9 c	uestions asking two ques	tions from each
The com	invisory question (Question No. 1) y	yill consist at 1	east 4 parts covering entit	o consideration.
examine	e will be required to attempt 5 au	estions select	ing one question from e	ach unitand the
compuls	ory question. All questions will carry	equal marks.	ing one question nom e	aon unitand the
Unit	T	opics		<b>Contact Hours</b>
I	Contract Act			15
	The Indian Contract Act, 1872: Pr	roposal, its con	mmunication, acceptance	
	and revocation; Agreement vis-à-v	ris contract, vo	id agreement & voidable	
	contract; Consideration: essential e	elements, excep	ption to rule; Capacity to	
	contract; Free consent: coercion	, undue influ	ence, misrepresentation,	
	fraud; Contingent contracts; Perfe	ormance of co	ntract; Consequences of	
TT	breach of contract.			
11	The Companies Act 1056: Mooning	a hans starist	· · · · · · · · · · · · · · · · · · ·	15
	corporate veil: Registration	ig, characterist	ics and kinds; Litting the	
	Association: Destring of Liltravires: Articles of Association: Destring			
	liability for mis-statement, statement	nt in lieu of pro	spectus:	
	Directors: Position, Appointment,	Removal. Pov	ver & Duties: Meetings	
	Winding up. Companies Act, 2013.			
III	Partnership Act			15
	The Partnership Act, 1932: Natur	e of Partnersh	ip; Relation of partners-	1
	1400		and the second sec	1/
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			the second se		
IV	inter se; Relation of partners to third part partners; Dissolution of Firm; Registration registration; Offences by Firm-liability under Negotiable Instruments Act	ies; n o N.I.	Incoming and outgoing f Firms-effect of non- Act & I.T. Act, 2000.	15	
	The Negotiable Instruments Act, 1881: Notes, Bills and Cheques, Promissory notes, Bills of exchange and cheques (Demand				
	drafts, payment orders etc.); Drawer, Drawee, Acceptor, Holder, Holder in due course; Endorsement:Endorsement in blank and endorsement in full;				
	Negotiation; Presentment: At sight, on presentment, after sight, presentment for payment; Maturity: Calculating its period, Noting and				
	protest.				
	<b>s</b> 60				
	Suggested Evaluation	on M	Iethods		
	Internal Assessment: 30		End Term Exami	ination: 70	
Theory		30	Theory: 70		
Class Participation: 5		5	Written Exam	ination	
Seminar/presentation/assignment/quiz/class test etc.: 10		10			
Mid-Term Exam: 15					
	Part C-Learning	Res	ources		
Decomposed and Realized a resources (I MS)					

- Recommended Books/e-resources/LMS:
  - Bedi, Suresh (2009), Business Environment. Excel Books, New Delhi.
  - Bulchandani, K.R. (2017), Business Law for Management, Himalaya Publishing House, New Delhi.
  - Maheshwari, S.N. & Maheshwari, S.K. (2003), *A Manual of Business Law*, Himalaya Publishing House, New Delhi.
  - Tulsian, P.C. (2008), Business Law, Tata McGraw Hill, New Delhi.
  - Tulsian, P.C. (2011), Businessand Corporate Laws, S. Chand& Company Limited, New Delhi.

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Session: 2025-26				
	PartA	- Introduction	1	
Name of	Programme	M.A. Busines	s Economics	
Semester		Fourth		
Name of	f the Course	<b>Business</b> Police	cy and Strategy	
Course (	Code	M24-BEC-40		
Course 7	Гуре	DEC-7		
Level of	the course	500-599		
Pre-requ	isite for the course (if any)		n.a.	
Course I	Learning Outcomes (CLO)	CLO 1: Criti	cally analyze the intern	nal and external
After cor	npleting this course, the learner will be	environments	in which businesses op	erate and assess
able to:		their signification	nce for strategic plannin	g.
	5	CLO 2: Ap	ply understanding fo	r the theories,
		concepts and	tools that support strate	gic management
		in organization	ns.	
		CLO 3: Bui	ild understanding of	the nature and
		dynamics of s	strategy formulation and	implementation
		processes at co	orporate and business le	vel.
		CLO 4: Enha	nced ability to identify	strategic issues
Cardita		and design ap	propriate courses of action	on.
Credits		Theory	Practical	Total
T. 1.	**	4	0	4
Teaching	g Hours per week	4	0	4
Internal A	Assessment Marks	30	0	30
End Term	n Exam Marks	70	0	70
Max. Ma	rks	100	0	100
Examina	tion lime	3 hours		
	Part B – Cor	itents of the C	Course	
Instructi	ions for Paper- Setter: The examiner	will set 9 questi	ions asking two questior	is from each unit
and one	compulsory question by taking cours	se learning out	tcomes (CLOs) into co	nsideration. The
compulse	bry question (Question No. 1) will c	consist at least	4 parts covering entir	re syllabus. The
examinee	e will be required to attempt 5 quest	tions, selecting	, one question from ea	ch unit and the
TINIA	bry question. All questions will carry eq	ual marks.		
T		pics		Contact Hours
1	Introduction to Business Policy and	Strategy:		15
	Nature & importance of business policy & strategy; Introduction to the			
	strategic management process and related concepts; Characteristics of			
	Corporate, business & functional level strategic management decisions;			
II	Environmental Analysis & Diagonal Statement.			15
Analysis of company's external anxies and Michael E. D.			15	
3	Forces model: Internal analysis Imp	ortance of ore	included E. Porter's 5	
	competitive advantage and core com	netence. Miel	anization capabilities,	
	Chain Analysis, Porters Diamond Th	eory of Nation	al Advantage	
		icory of reactor	lai Auvallage.	

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III	Formulation of Competitive Strategies:		2	15	
	Michael E. Porter's generic competitive strategies, implementir				
	competitive strategies- offensive & defensive m	oves	; formulating Corporat	e	
	Strategies-Introduction to strategies of growth,	stab	ility and renewal, type	S	
	of growth strategies - concentrated grow	vth,	product development	t,	
	integration, diversification, international ex	kpan	sion (multi domesti	c	
	approach, franchising, licensing and joint	vent	ures), CAGE distanc	e	
	framework, Types of renewal strategies - ret	trenc	hment and turnaround	i.	
	Strategic fundamentals of merger & acquisitions	5.	11		
IV	Strategic Analysis and Choice:			15	
	Strategic gap analyses; portfolio analyses -	BCC	G, GE, product marke	*t	
evolution matrix, experience curve, directional policy matrix, life cycle				e	
	portfolio matrix, grand strategy selection matrix	; be	havioural consideration	S	
affecting choice of strategy; impact of structure, culture & leadership on				n	
strategy implementation; functional strategies & their link with business				S	
	level strategies; introduction to strategic control	ae	Tatal Contact Hou	<b>HG</b>	
	Suggested Evaluation	M	Total Contact Hou	<b>rs</b> 00	
	Internal Assessment: 30	I IVIC	End Term Exa	mination · 70	
Theory	Internal Assessment: 50	30	Theory:	0	
Ineory		30		v	
Class Part	icipation:	5	Written Exa	imination	
Seminar/p	presentation/assignment/quiz/class test etc.:	10			
Mid-Term	Exam:	15			
	Part C-Learning R	leso	urces		
Recomm	ended Books/e-resources/LMS:				
• St	rickland, A.J. III & Thompson, A.A. Strategic Ma	inage	ement: Concepts and C	ases, McGraw Hill	
Ed	lucation.				
• Pe	arce, J.A. & Robinson, R.B. Strategic Manageme	ent: F	ormulation Implement	ation and Control,	
M	cGraw Hill Education.			×	
• Ka	azmi, A. Strategic Management and Business Poli	icy, l	McGraw Hill Education	1	
• Pc	<ul> <li>Porter, M.E. (1998), Competitive Advantage: Creating and Sustaining Superior Performance, NY,</li> </ul>				

Rao, P.S. Business Policy and Strategic Management, Himalaya Publishing House.

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Kachru, U. Strategic Management, McGraw Hill Education

Free Press

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Session: 2025-26				
P	art A – Introducti	on		
Name of Programme	Name of Programme M.A. Business Economics			
Semester	emester Fourth			
Name of the Course	Project Appraisa	l and New Venture Analy	ysis	
Course Code	M24-BEC-408			
CourseType	DEC-7			
Level of the course	500-599			
Pre-requisite for the course (if any)	n.a.			
CourseLearningOutcomes (CLO)	CLO 1: Perfor	m appraisal of project	s with detailed	
After completing this course, the learner	feasibility analys	sis.		
will be able to:	CLO 2: Develop	the profitability projection	ons.	
	CLO 3: Develo	p the strategies employ	ed in managing	
	risk.	· .		
	CLO 4: Practi	ce project management	decisions and	
Credits	Theory	Practical	Total	
	4	1 Tactical	10121	
Teaching Hours per week	4	0	4	
Internal Assessment Marks	30	0	30	
End Term Exam Marks	70	0	70	
Max. Marks	100	0	100	
Examination Time	3 hours		100	
PartB	- Contentsofthe	Course		
Instructions for Paper- Setter: The ex	aminer will set 9 c	uestions asking two que	stions from each	
unit and one compulsory question by ta	aking course learni	ing outcomes (CLOs) in	to consideration.	
The compulsory question (Question No.	1) will consist at 1	east 4 parts covering ent	ire syllabus. The	
examinee will be required to attempt 5	questions, selecti	ng one question from ea	ach unit and the	
compulsory question. All questions will	carry equal marks.	a		
Unit	Topics		<b>Contact Hours</b>	
1 Project Appraisal: An introd	uction, Project app	praisal and evaluation,	15	
Project life cycle, Project cycl	e management, C	ost benefit analysis of		
opportunities industry analysis r	Projects; Identifi	cation of investment		
Project identification and form	lation Generation	of Project ideas Basic		
Principals of Project Analysis	Entrepreneurshir	concept theory and		
perspective.		, and the second s		
II Market and Technical Apprais	al: Market feasibil	ity analysis of a project.	15	
Need for market analysis, D	emand and suppl	ly analysis, Collection		
analysis, primary /secondary data, Forecasting of market growth; Market				
forecasting techniques; Technical appraisal of a project, Technology tie ups				
and diffusion; Management of technology and business.				
Self-Study: Concept and Fea	tures of Market:	Perfect Competition,		
Monopoly and Monopolistic co	mpetition, Econom	ies of scale, concept of		
III Investment and Socia Frances	a annuaisala Ei	at all for a the thirty of the		
Investment decision techniques	DCF and non DC	TE methods Invostment	15	
Le vi		in methods, investment	A	
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	Internal Assessment: 50		manon. 70
	Internal Assessment: 30	End Term Exam	instion: 70
	Suggested Evaluation M	ethods	
	60		
	Preparation of project report - Case Analysis.		
	Project - PERT / CPM, Monitoring mechanism, E	valuation and Lessons,	2
Risks, break even analysis, Sensitivity Analysis, Risk analysis using			
IV	Project risk assessment: Risk and Sensitivity A	analysis, Taxonomy of	15
	Indian Plans.	1	
	project and Social Impact Assessment of a project	et, Project Appraisal of	
	approach, Little Mirrlees Approach, Environment	Impact assessment of a	
	benefits, shadow price Efficiency and Equity in Pro	ject Appraisal, UNIDO	
	Social cost benefit analysis rationale of SCBA, dire	ct and indirect cost and	
	Financing options for a new venture; Economic	Analysis of a project :	
	criteria, Project Appraisal parameters of select	Financial Institutions;	0
		D' '1 I I'I I'	

Theory	30	Theory: 70	
Class Participation:	5	Written Examination	
Seminar/presentation/assignment/quiz/class test etc.:	10		
Mid-Term Exam:	15		
Part C-Learning	g Res	ources	

Recommended Books/e-resources/LMS:

- Agrawal, R., & Mehra, Y. S. (2017). Project Appraisal and Management, Taxman Publications. [Ch 1 and 9]
- Machiraju, H. R. (2001). Introduction to project finance: An analytical perspective, Vikas Pub. House.
- Pouliquen, L. Y. (1970). Risk Analysis in project appraisal, World Bank staff occasional papers, No.11 (Washington D.C., IBR), 52-62.
- Esty, B. C., &Sesia, A. M. (2007). An overview of project finance and infrastructure finance 2006 update, Boston, MA: Harvard Business School.
- Boardman, A. E., Boardman, A. E., Greenberg, D. H., Vining, A. R., & Weimer, D. L. (2018). Cost-benefit analysis: Concepts and practice, Cambridge: Cambridge University Press.

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Session: 2025-26				
PartA – Introduction				
Name of Programme	M.A. Business Economics			
Semester	Fourth	Fourth		
Name of the Course	Indian Financ	Indian Financial System		
Course Code	M24-BEC-40	)9		
Course Type	DEC-7			
Level of the course	500-599			
Pre-requisite for the course (if any)		n.a.		
CourseLearningOutcomes (CLO)	CLO 1:Unde	rstand the nitty-gritty of	Indian financial	
After completing this course, the learner will	11 system and banking structure			
be able to:	CLO 2: Com	prehend the NBFIs and i	nsurance sector	
	landscape in	India.		
	CLO 3: Gras	p the various segments of	Indian financial	
	sector like ca	pital markets, derivative n	harkets and debt	
	CLO 4. Ar	nrehend the banks ful	filling specific	
9	requirements	and regulatory framew	vork of Indian	
	financial syst	em	VOIR OF Indian	
Credits	Theory	Practical	Total	
	4	0	4	
Teaching Hours per week	4	0	4	
Internal Assessment Marks	30	0	30	
End Term Exam Marks	70	0	70	
Max. Marks	100	0	100	
Examination Time	3 hours			
PartB –	Contentsofthe	Course		
Instructions for Paper- Setter: The exam	iner will set 9 c	uestions asking two ques	tions from each	
unit and one compulsory question by taki	ng course learni	ing outcomes (CLOs) into	o consideration.	
The compulsory question (Question No. 1)	will consist at l	east 4 parts covering entit	re syllabus. The	
examinee will be required to attempt 5 c	uestions, select	ing one question from e	ach unitand the	
compulsory question. All questions will carr	y equal marks.			
	Topics		Contact Hours	
1 Indian Financial System – An C	Overview		15	
financial inclusion: everyious of I	ancial integratio	n, financial volatility and		
infrastructure major financial sec	or reforms	System, mancial market		
Indian Banking Structure	or reforms,			
Functions, Development of Bar	nking in India,	Scheduled Commercial		
Banks- Types and functions, Lo	cal Area Banks	, Regional Rural Banks,		
Cooperative Banks: Types, Pay	ment Banks and	d Small Finance Banks,		
Key RBI Guidelines				
II Non-Banking Financial Compa	nies		15	
What is a Non- Banking Fina	ncial Company	(NBFC)?, Evolution of		
Regulators of NBECs, Classifier	in Promoting In	Regulatory Oversight has		
	uon of NBrCs,	Regulatory Oversight by	1/	
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	RBI on NBFCs , Types of NBFCs operating i	n Ind	ia		
	Insurance Companies	votier	tion and Foreign Direct		
	Investment (FDI) in Insurance Sector, Insura				
	India Insurance Penetration and Densi	tv.	Number of Insurance		
	Companies Operating in India. Insurance	Inter	mediaries. Reinsurance.		
	Insurance Repository's-Insurance Account.				
III	Capital Markets and Stock Exchanges			15	
	Primary Market, Secondary Market Stock E	Excha	inges in India, Financial		
	Products/Instruments Dealt with in the Secon	dary	Market		
	Derivative markets				
	Types of derivatives, Development, prospec	ts an	d progress of derivative		
	markets in India				
	Fixed Income Markets - Debt / Bond Mark	cets			
	Government Securities, , Auction of Gov	ernm	ent Securities, Primary		
	Dealers, Corporate Bond Market				
IV	Paforms & Developments in the Banking	ecto	r	15	
1 4	Bad Banks Infrastructure financing Format	ion/r	ole of NaBFID-National	10	
	Bank for Financing, Infrastructure & Deve	elopn	nent. Basic concepts on		
-	Enhanced Access & Service Excellence (EAS	SE)	· · · · · · · · · · · · · · · · ·		
	Few specific finance banks				
	Small Industries Development Bank of In	dia	(SIDBI) ,Export Import		
	Bank of India (EXIM Bank) ,National Bar	nk fo	r Agriculture and Rural		
	Development (NABARD), National Housing	Ban	k (NHB)		
	Indian Financial System - Regulators & th	eir r	oles		
	Role of Financial Sector Regulators in an	Eco	nomy, Reserve Bank of		
	India (RBI), Securities and Exchange Boar	d of	India (SEBI), Insurance		
	Regulatory and Development Authority of	India	a (IRDA), Pension Fund		
	Regulatory and Development Authority (PFF	(DA)			
			Total Contact hours	60	
	Suggested Evaluati	on M	lethods	1	
	Internal Assessment: 30		End Term Exami	nation: 70	
Theory	*	30	Theory: 70		
Class Par	ticipation:	5	Written Exami	ination	
Seminar/J	presentation/assignment/quiz/class test etc .:	10			
Mid-Tern	n Exam:	15			
	Part C-Learning	Res	ources		
Recomm	ended Books/e-resources/LMS:				

- Bhole, L.M. & Mahakud, J. (2017). *Financial Institutions and Markets: Structure, Growth and Innovations*. McGraw Hill Education (India) Pvt. Limited.
- Jadhav, N. (2006), Monetary Policy, Financial Stability, and Central Banking in India, Macmillan India Ltd.
- Ramachandran, P.P. (2016), RBI: An Anecdotal History, Academic Foundation.
- Sharma, M. (Ed.). (2005), Studies in Money, Finance and Banking, Atlantic Publishers.
- Shah, A., Thomas, S. & Gorham, M. (2008), India's Financial Markets: An Insider's Guide to How the Markets Work, Elsevier.
- Basu, C.R. (1991), Commercial Banking in the Planned Economy of India, Mittal Publications,

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	Session: 2025-26			
PartA – Introduction				
Name of	Programme	M.A.Business	Economics	
Semester		Fourth		
Name of	the Course	Business and E	Conomic Modelling -	II
Course C	Code	M24-BEC-412		
CourseT	ype	DEC-8	A	
Level of	the course	500-599		
Pre-requi	isite for the course (if any)	n.a.		
CourseLearningOutcomes (CLO) CLO 1: Understand, apply and solve the volatil			olve the volatility,	
After con	npleting this course, the learner will	efficiency and	asset pricing using se	elected software.
be able to	):	CLO 2: Unde	erstand and compute v	various problems in
		predictive and	alysis.	
		CLO 3: Unde	erstand and compute th	e value of financial
		assets besides	s designing hedging str	ategies.
		CLO 4: Und	lerstand and compute	the futures price
		alongwith du	mmy variable problem	•
		CLO 5: Dem	onstrate the ability to	solve the problems
		mentioned in	contents with the help	of a software
Credits		Theory	Practical	Total
		3	1	4
Teaching	g Hours per week	3	2	5
Internal	Assessment Marks	20	10	30
End Terr	n Exam Marks	50	20	70
Max. Ma	arks	70	30	100
Examina	tion Time	3 hours	3 hours	
	PartB – 0	Contentsofthe	Course	
Instruct	ions for Paper- Setter: The examin	ner will set 9 q	uestions asking two q	uestions from each
unit and	one compulsory question by taking	g course learni	ng outcomes (CLOs)	into consideration.
The com	pulsory question (Question No. 1) v	will consist at 1	east 4 parts covering e	entire syllabus. The
examine	e will be required to attempt 5 qu	estions, selecti	ng one question from	n each unitand the
compulse	ory question.All questions will carry	equal marks.		
Unit	То	opics		Contact Hours
I	1. Modelling Volatility in I	Finance and	Economics: ARCH,	11
	GARCH and EGARCH Mod	lels		
	2. Fundamental and Technical	Analysis		
	3 Risk and Return of Portfolio			5
	4 Capital Asset Pricing Model	(CAPM)		
	Capital rissor i fiolig model	()		
	SELF STUDY CONTENTS (no	t relevant for	exams):	
	Excel functions, SPSS, E-VIEWS	S, STATA		10000
II	5. Logistic Regression using	Maximum Like	elihood in Predictive	11
	Analytics			
1.000	6. Logistic Regression using Tr	rend in Predicti	ve Analytics	
1. 52	7. Exponential Smoothening in	Predictive Ana	alytics	
	8. Working with Moving Avera	ages in Predicti	ve Analytics	
	119	10		
900				

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New Delhi.

- Gupta, S.B. (1996), Monetary planning for India. S. Chand & Company, New Delhi.
- Hajela, T.N. (2009), Money and Banking: Theory with Indian Banking, Ane Books Pvt. Ltd.
- Pathak, B.V. (2018), Indian Financial System: Markets, Institutions and Services, Pearson India Education Services Pvt. Ltd.
- Sharma, K.C. (2007), Modern Banking in India, Deep & Deep Publications, Pvt. Ltd., New Delhi
- Hossain, A.A. (2015), The Evolution of Central Banking and Monetary Policy in the Asia-Pacific, Edward Elgar Publishing Limited, UK.

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Session: 2025-26				
PartA – Introduction				
Name of	Programme	M.A. Business Economics		
Semester	ſ	Fourth	а. С	
Name of	f the Course	Indian Public	Finance	
Course (	Code	M24-BEC-41	1	
CourseT	ype	DEC-8	X. I	
Level of	the course	500-599		
Pre-requ	isite for the course (if any)		n.a.	
CourseL After cor be able to	earningOutcomes (CLO) npleting this course, the learner will o:	CLO 1: To understand the Union budget and expenditure trends in India. CLO 2: To understand the tax and non tax revenue sources of Union and states. CLO 3: To understand the trends in deficit financing and public debt in India. CLO 4: To understand the trends in centre state financial relations and local finances in India.		
CLO 5: To demonstrate the ability to use public finandata to study trends			use public finance	
Credits		Theory	Practical	Total
		3	1	4
Teachin	g Hours per week	3	2	5
Internal	Assessment Marks	20	10	30
End Ter	m Exam Marks	50	20	70
Max. Ma	arks	70	30	100
Examina	ation Time	3 hours	3 hours	
	PartB –	Contentsofth	e Course	
Instruct unit and compuls examine	tions for Paper- Setter: The exami- one compulsory question by taking ory question (Question No. 1) will e will be required to attempt 5 qu ory question All questions will carry	ner will set 9 course learning l consist at lea uestions, select equal marks.	questions asking two questions (CLOs) into ast 4 parts covering er ting one question from	consideration. The tire syllabus. The each unitand the
Unit	T	opics		Contact Hours
I	Classification of the Central Gover	nment Budget:	Budgetary Trends in	11
	India; Budgetary Policy in India since 1951 (a Brief Review); Long- term Fiscal Policy -1985 Trends in the Expenditure of the Central Government; Expenditure of			
II       Direct Taxes: Revenue from Taxes on: Personal Income, Corporate       12         Income, Capital Gains, Wealth, Property and Capital Transactions-       12         Direct Taxes Enquiry Committee Report - Direct Tax Law Committee       12         Report.       Indirect Taxes: Customs Duties, Goods and Services Tax       12         Non-Tax Revenues:       Public Enterprises and Other Sources. Non-Tax       12         Revenue of the States:       Public Enterprises, Posts and Telegraphs,       12         Currency and Mint, Irrigation, Forests, Electricity Schemes, Road and       12			12	
III	Deficit Financing: Extent, Effect Trends in Deficits. Public Debt: India's Public Debt be	ts and Limit	of Deficit Financing; ence (a brief mention)	11

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and after Independence; Trends and Composition of Public Debt of				
IV	Evolution of Federal Finance in India; Fina	ncial	Relations under the	11
	Constitution; Finance Commissions; R	ecom	mendations of the	
	Fourteenth Finance Commission; Centre/State	Con	flict on Finances.	
	Local Finance: Local Bodies and their Fund	ction	s; Finances of Local	
77	Bodies; Local Taxation.			20
	Practicals:			30
	1. Students will prepare a Practical file contai	ining	2 Practicals from each	1
	unit.		1 1 1	
	2. Practicals may be done using the software ch	noser	h by the teacher.	
	3. The external examiner shall take the writ	ten e	exam followed by viva	1
	voce.			
	4. Syllabus contains all the contents mentioned	in th	ne four units.	
	Total Contact Hours			75
	Suggested Evaluat	ion I	Methods	
	Internal Assessment: 30	1.00	End Term Exa	mination: 70
> The	eory	20	> Theory:	50
• Class	Participation:	5	Written Exa	amination
• Semin	nar/presentation/assignment/quiz/class test etc.:	5		
• Mid-7	Ferm Exam:	10		
> Pra	ctical	10	> Practical	20
• Class	Participation:	5	Lab record, Viva-V	oce, write-up and
• Semin	nar/Demonstration/Viva-voce/Lab records etc .:	5	execution of t	he Practical
• Mid-7	Ferm Exam:	-		
	Part C-Learning	Res	ources	
Recom	nended Books/e-resources/LMS:			
• Ma	ankar V.G., and SuseelaSarma, (2001) Publ	lic F	inance- Theory and	Practice, Himalaya
Pu	blishing			A2.
Ho	ouse, Mumbai.			
• Su	ndaram K.P.M and K.K. Andley, (2003) Public	Find	ance- Theory and Pract	tice, S. Chand and
Co	mpany Ltd., New Delhi.		a neor tea a car bol 20020	
• 40	arwal AN (2014) Indian Economy P	roble	ms of Davalopman	t and Planning

- Agarwal A.N. (2014) Indian Economy-Problems of Development and Planning, WishwaPrakashan, NewDelhi.
- Bhatia H.L. (2007) Public Finance, Vikas Publishing House Pvt., Ltd.
- DattRuddar and K.P.M.Sundaram, (2007) Indian Economy, S. Chand and Co., Ltd., New Delhi.

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SELF STUDY CONTENTS (not relevant for exams):	
Excel functions, SPSS, E-VIEWS, STATA	
III 9. Multiple Linear Regression in Predictive Analytics 1	1
10. The Black Scholes Merton Model	
11. Binomial Trees	
12. Trading Strategies involving Options	
SELF STUDY CONTENTS (not relevant for exams):	
Excel functions, SPSS, E-VIEWS, STATA	
IV 13. Determination of Forward and Future Prices 1	2
14. Hedging using Futures	
15. Relevant Costs For Discounted Cash Flow Analysis:	
Incremental Cash Flows	
16. Dummy variables analysis	
SELF STUDY CONTENTS (not relevant for exams):	
Excel functions, SPSS, E-VIEWS, STATA	
V Fracticals: 3	)
i. Students will prepare a Fractical file containing 4 Practicals from each	
2 Practicals may be done using the software chosen by the teacher	
3. The external examiner shall take the written exam followed by vivo	
voce	
4. Syllabus contains all the contents mentioned in the four units	
Total Contact Hours	
Suggested Evaluation Methods	,
Internal Assessment: 30 End Term Examination	70
> Theory $20$ > Theory: 50	10
Class Participation:     5     Written Examination	
• Seminar/presentation/assignment/quiz/class test etc : 5	
• Mid-Term Exam:	
Practical 10 Practical 20	
Class Participation:     S     Lab record Vive Vece write	
Seminar/Demonstration/Viva viaco/Lab records at a 5	up and
• Seminal/Demonstration/viva-voce/Lab records etc.: 5	.1
Port C Learning D	
Recommended Books/a-resources/I MS.	
Gary Koon: Analysis of aconomic data John Wiley & Same 2005	
Cary Roop. Analysis of economic data, John Wiley & Sons, 2005     Thomas Cloff: Applied Statistics and Multi-solid. Data Appl. 1.5	
Inomas Cieff: Applied Statistics and Multivariate Data Analysis for Business and Eco	nomics:
Kurt Jechlitschke Dieter Kirschke and Careld Schwart Mit	
is in some second and the second seco	
Integrating economic theory policy analysis and approachest modeling. Devil	Excel:
Integrating economic theory, policy analysis and spreadsheet modeling, Routlage ShmuelOluwa: Hands-On Financial Modeling with Freed for Minner 2005, Data and	Excel:
<ul> <li>Integrating economic theory, policy analysis and spreadsheet modeling, Routlage</li> <li>ShmuelOluwa: Hands-On Financial Modeling with Excel for Microsoft 365, Packt Pub</li> <li>AbdulkaderAliandali, and Motocom Tatabia Formation 1 Financial Vision 1 Finacial Vision 1 F</li></ul>	ishing
<ul> <li>Integrating economic theory, policy analysis and spreadsheet modeling, Routlage</li> <li>ShmuelOluwa: Hands-On Financial Modeling with Excel for Microsoft 365, Packt Pub</li> <li>AbdulkaderAljandali and MotasamTatahi: Economic and Financial Modelling with E Guide for Students and Professionals</li> </ul>	; Excel: ishing /iews-A
<ul> <li>Integrating economic theory, policy analysis and spreadsheet modeling, Routlage</li> <li>ShmuelOluwa: Hands-On Financial Modeling with Excel for Microsoft 365, Packt Pub</li> <li>AbdulkaderAljandali and MotasamTatahi: Economic and Financial Modelling with E Guide for Students and Professionals</li> <li>Ioaquim P. Marques de Sé: Applied statistics using SDSS. STATUSTICAL MARKET AND ADDRESS A</li></ul>	Excel: ishing /iews-A
<ul> <li>Integrating economic theory, policy analysis and spreadsheet modeling, Routlage</li> <li>ShmuelOluwa: Hands-On Financial Modeling with Excel for Microsoft 365, Packt Pub</li> <li>AbdulkaderAljandali and MotasamTatahi: Economic and Financial Modelling with E Guide for Students and Professionals</li> <li>Joaquim P. Marques de Sá: Applied statistics using SPSS, STATISTICA, MATLAE Springer</li> </ul>	Excel: ishing Views-A and R,

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Session: 2025-26					
Part A _ Introduction					
Name of Programme	M.A. Busine	ss Economics			
Semester	Fourth				
Name of the Course	Financial Econometrics				
Course Code	M24-BEC-413				
Course Type	DEC-8	5			
Level of the course	500-599				
Pre-requisite for the course (if any)	500-577				
Course Learning Outcomes (CLO)	CLO 1. Un	derstand and analyza fir	annaial manisata		
After completing this course, the learner will	apply basic ti	ime series models, and e	valuate risk and		
be able to:	return measur	es in investment decision	S.		
	CLO 2: Cond	luct stationarity tests, mo	del and forecast		
time series data using ARIMA models, and analyze					
volatility using ARCH and GARCH models.					
CLO 3:Apply multivariate time series analysis					
techniques, estimate beta using the CAPM, construct					
efficient portfolios, and conduct event studies to					
analyze stock price impacts.					
CLO 4: Analyze high-frequency financial data, apply					
non-linear modeling approaches, and conduct					
empirical applications in financial econometrics to			econometrics to		
understand market dynamics.					
	CLO 5: Dem	onstrate the ability to sol	ve the problems		
	Theory	Practical	Total		
	2	1	Total		
Teaching Hours per week	2	1	4		
Internal Assessment Marka	3	2	5		
End Torm Ever Medic	20	10	30		
Max Marks	50	20	70		
Framination Time	/0	30	100		
	3 hours	<u> </u>			
PartB-Co	ntents of the	Course			
Instructions for Paper- Setter: The examin	her will set 9 q	uestions asking two ques	tions from each		
The compulsory question by taking	g course learni	ng outcomes (CLOs) into	o consideration.		
The compulsory question (Question No. 1) v	vill consist at le	east 4 parts covering entir	re syllabus. The		
examinee will be required to attempt 5 que	estions; selectii	ng one question from ea	ch unit and the		
Unit	equal marks.				
I Introduction to Electrical E	pics		Contact Hours		
Definition	rics				
financial markets and data assure	Desis	econometrics, Basics of	10		
bonds ontions and futures) Description	, Dasic financi	al instruments: stocks,	12		
financial time series Introduction to	hosic time	nu graphical analysis of	/		
I interioral time series, introduction to	basic time se	eries models: AR, MA,			

 $= \frac{1}{2} \int_{0}^{\infty} \frac{1}{(1 + 1)^{2}} = \frac{1}{2} \int_{0}^{\infty} \frac{1}{(1 + 1)^{2}} \frac{1}{(1 + 1)^{2}} = \frac{1}{2} \int_{0}^{\infty} \frac{1}{(1 + 1)^{2}} \frac{1$ 

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1	ARMA, Overview of financial risk and			
II	financial econometrics in finance and inve	retui	m measures, Applications	of
	Stationarit	Sunci	п.	
	stationarity and its importance in east stationarity: Dickey-Fuller test and unit in achieving stationarity, Autoregressive Inter Models: Model identification, estimation, a modeling: ARCH and GARCH models.	conon root a grate and di	netric modeling, Tests for malysis, Transformations for d Moving Average (ARIMA agnostic checking, Volatilit	or or 11
III	Multivariate Analysis and E		5 S	
	Multivariate time series analysis: VAR mo impulse response analysis, The Capital As beta estimation, Factor models and princip theory and the efficient frontier, Risk-adjust Studies: Methodology for analyzing the prices, Abnormal returns and event windows and limitations.	kets odels, sset P oal co ted pe e im s, Inte	Granger causality tests and pricing Model (CAPM) and mponent analysis, Portfolio erformance measures, Event pact of events on stock erpreting event study results	1 11
	High-Frequency Data Analysis and Marke	et Mie	crostructure	
V PI	characteristics, Market microstructure and its Challenges in analyzing high-frequency approaches: Threshold models, regime-sw parameter models and state-space models, E tudies in financial econometrics racticals:	impa y da itchin	order book data) and its act on high-frequency data, ata, Non-linear modeling g models, Time-varying ical applications and case	11
	Students will prepare a Practical file containing	ing 1	D	30
2. 3. 4. Total Con	Practicals may be done using the software ch The external examiner shall take the written Syllabus contains all the contents mentioned itact Hours	iosen exam in the	Practicals from each unit. by the teacher. followed by viva voce. four units.	
2. 3. 4.1 Total Con	Practicals may be done using the software ch The external examiner shall take the written Syllabus contains all the contents mentioned ntact Hours	in the	Practicals from each unit. by the teacher. followed by viva voce. four units.	75
2. 3. 4. Total Con	Practicals may be done using the software ch The external examiner shall take the written Syllabus contains all the contents mentioned ntact Hours Suggested Evaluat Internal Assessment: 30	iosen exam in the ion N	Practicals from each unit. by the teacher. followed by viva voce. four units.	75
2. 3. 4. Total Con	Practicals may be done using the software ch The external examiner shall take the written Syllabus contains all the contents mentioned ntact Hours Suggested Evaluat Internal Assessment: 30	in the	Practicals from each unit. by the teacher. followed by viva voce. four units. Iethods End Term Examina	75 ntion: 70
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2. 3. 4. <b>Total Con</b> Theory Class Parti Seminar/pr Mid-Term Practical Class Partic	Practicals may be done using the software ch The external examiner shall take the written of Syllabus contains all the contents mentioned Internal Assessment: 30 Internal Assessment: 30 Internation/assignment/quiz/class test etc.: Exam: Exam:	ion N 20 5 5 10 10 5	Practicals from each unit. by the teacher. followed by viva voce. four units. Iethods End Term Examina Theory: 50 Written Examina Practical -20 Lab record. Viva-Voce w	75 ntion: 70 ntion
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Z.         3.         4.         Total Con         Theory         Class Parti         Seminar/pr         Mid-Term         Practical         Class Partic         Seminar/pre         Recomment         Green         Gujara         Lo, A         Prince         Hull	Practicals may be done using the software ch The external examiner shall take the written of Syllabus contains all the contents mentioned tact Hours Suggested Evaluat Internal Assessment: 30 cipation: resentation/assignment/quiz/class test etc.: Exam: cipation: esentation/assignment/quiz/class test etc.: Part C-Learning nded Books/E-Resources/LMS: ne, W. H. (2023). Econometric Analysis (9th of ati, D. N., & Porter, D. C. (2009). Basic Econ A. W., &MacKinlay, A. C. (2022). The Heton University Press. L. C. (2023). Options. Futures and Other	in the iosen exam in the ion N 20 5 5 5 10 10 5 5 5 10 10 5 5 5 10 10 5 5 5 8 Reso ed.). I nomet Econo	Practicals from each unit. by the teacher. followed by viva voce. four units. Iethods End Term Examina Theory: 50 Written Examina Written Examina Practical -20 Lab record, Viva-Voce, v execution of the Practical purces Pearson Education. rics (5th ed.). McGraw-Hill metrics of Financial Mark	75 tion: 70 tion write-up and tets (5th ed.).
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- Hamilton, J. D. (2018). Time Series Analysis (2nd ed.). Princeton University Press. (Chapters 2-3)
- Enders, W. (2010). Applied Econometric Time Series (3rd ed.). John Wiley & Sons. (Chapters 2-Sharpe, W. F. (1994). The Sharpe Ratio. Financial Analysts Journal, 50(1), 49-58.
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- Hamilton, J. D. (2018). Time Series Analysis (2nd ed.). Princeton University Press. (Chapter 2) Enders, W. (2010). Applied Econometric Time Series (3rd ed.). John Wiley & Sons. (Chapter 3 & ۲
- Wooldridge, J. M. (2010). Introductory Econometrics: A Modern Approach (5th ed.). South-.
- Hamilton, J. D. (2018). Time Series Analysis (2nd ed.). Princeton University Press. Hyndman, R. J., &Athanasopoulos, G. (2019). Forecasting: principles and practice (3rd ed.).
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- Campbell, J. Y., Lo, A. W., & MacKinlay, A. C. (2019). The Econometrics of Financial Markets
- . (5th ed.). Princeton University Press. (Chapter 20)
- West Grinold, S., & Kahn, R. N. (2000). Active Portfolio Management (2nd ed.). McGraw-Hill. (Chapter 2)
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- Campbell, J. Y., Lo, A. W., & MacKinlay, A. C. (2019). The Econometrics of Financial Markets
- (Stn ea.). Franceton Charles (1995). Active Portfolio Management (1st ed.). McGraw-Hill. Campbell, J. Y., Lo, A. W., & MacKinlay, A. C. (2019). The Econometrics of Financial Markets

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- O'Hara, M. (2015). Market Microstructure Theory. Blackwell Publishing Ltd. (Chapter 3)
- Dacorogna, M. M., Müller, U. A., &Pictet, O. V. (2001). Volatility in Financial Markets. Princeton University Press. (Chapter 4)
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- Kim, C.-J. (1994). Dynamic Linear Models with Switching Regimes. Journal of Econometrics, 60(1-2), 39-78. (Chapter 11)
- High-Frequency Trading and Market Microstructure Tutorial Series by Professor Erik G. Baltensperger: <u>https://www.quantstart.com/articles/high-frequency-trading-i-introduction-to-market-microstructure/</u> (Provides video lectures and code examples for high-frequency data analysis)
- The Society for Financial Econometrics (SFE): <u>https://www.stern.nyu.edu/experience-stern/about/departments-centers-initiatives/centers-of-research/volatility-and-risk-institute/sofie.</u>

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	Session: 2025 26				
Session: 2025-20					
Name of the Programme MA Business Economics					
Semeste		M.A. Business Economics			
Name	f the Course	Fourth	Q4 1		
Caura a	Cada	Business Case	e Studies		
Course	Code	M24-BEC-41	5		
Course	lype	EEC			
Level of	the course	500-599			
Pre-requ	usite for the course (if any)		n.a.		
Coursel	LearningOutcomes (CLO)	CLO 1: To	understand the digital	transformation in	
After co	mpleting this course, the learner will	business throu	ugh cases.		
be able t	0:	CLO 2: To 1	earn production, costs	and consolidation	
with the help of cases.					
CLO 3: To understand the change management, bar				nanagement, banks	
globalization and digitization through real life cases.				h real life cases.	
CLO 4: To understand industry analysis, value creation				ysis, value creation	
and research process in business decisions trough cases				isions trough cases.	
		CLO 5: To	solve the case studie	es in syllabus and	
	demonstrate the ability to develop a new case.				
Credits		Theory	Practical	Total	
		1	1	2	
Teachin	g Hours per week	1	2	3	
Internal	Assessment Marks	10	5	15	
End Ter	m Exam Marks	20	15	35	
Max. M	arks	30	20	50	
Examina	ation Time	3 hours	3 hours		
, , ,	PartB – C	ontentsofthe	Course		
Instruct	ions for Paper- Setter: The examiner	r will set 9 que	stions asking two quest	ions from each unit	
and one	compulsory question by taking cou	arse learning o	outcomes (CLOs) into	consideration. The	
compuls	ory question (Question No. 1) will	consist at lea	st 4 parts covering en	ntire syllabus. The	
examine	e will be required to attempt 5 qu	estions, select	ing one question from	each unitand the	
compuls	ory question. All questions will carry	equal marks.	•		
Unit	To	opics		<b>Contact Hours</b>	
I	Digital Economy Case Studies- 03			3.5	
II	Case Studies in Finance – 03			3.5	
III	Case Studies in Marketing and Gene	ral Managemer	nt -03	3.5	
		Couse			
IV	Case Studies in Industry and Resear	ch -03	5	3.5	
V	Practicals:			30	
	II Nandauka and II D / 1	(*s			

 Students will prepare a Practical file containing 1 case study from each unit along with a self-developed case.
 The external examiner shall give a case study to solve as the written

exam followed by viva voce.

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4. Syllabus contains all the contents mentioned in the four units.			
Total Contact Hours			45
Suggested Evaluation Methods			
Internal Assessment: 15		End Term Examination: 35	
Theory	10	Theory:	20
Class Participation:	4	Written Examination	
Seminar/presentation/assignment/quiz/class test etc.:	-		
Mid-Term Exam:	6		
Practical	5	Practical	15
Class Participation:	-	Lab record, Viva-Voce, write-up and execution of the Practical	
Seminar/Demonstration/Viva-voce/Lab records etc.:	5		
Mid-Term Exam:	ŀ		
Part C-Learning Resources			

### Recommended Books/e-resources/LMS:

- HaraldØverby and Jan ArildAudestad, Introduction to Digital Economics, Foundations, Business Models and Case Studies, Springer
- Pieter W. Buys and MerweOberholzer, Business Research An Illustrative Guide to Practical Methodological Applications in Selected Case Studies, Palgrave Macmillan
- Scott Andrews, Learning and Researching with Case Studies, Taylor & Francis
- ArijitSikdar and Vijay Pereira, Business and Management Practices in South Asia, Palgrave Macmillan
- Mayank Joshipura and Sachin Mathur, Cases in Corporate Finance, Routledge

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