

Dr. Bhimrao Ambedkar University, Agra

A State University of Uttar Pradesh (Paliwal Park, Agra -282004) www.dbrau.ac.in

A Documentary Support for Matric No. – 1.1.1

Programme Outcomes & Course Outcomes

under the **Criteria – I** (Curriculum Design and Development) Key Indicator - 1.1

> in Matric No. – 1.1.1

B. A. (ECONOMICS)

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Mapping:

Local Need



B.A. in Economics

The Course is designed for the students pursuing graduation with Economics in regular mode. The programme aims to inculcate economic thinking among the students in economic decision making by comprehending economic theory. It aims to develop analytical view point in the students about the economic behaviour of people. The objective is to nurture among student a view point of a socially responsible and ethical aware citizen. The under graduate programme will have 10 courses in 6 Semesters in 3 years. In the Fifth and the Sixth Semester 01 paper is given as optional. In the Fifth Semester it is proposed to have Dissertation/Project keeping in the spirit of the New Education Policy 2020 to introduce research at the graduation level. The structure of syllabus is based on the template of UGC proposed for the CBCS for undergraduates in Economic (Regular).

Programme Specific Outcomes(PSOs)- Student after completing graduation will be able to learn-

PSO 1:	The behavioural patterns of different economic agents, advance theoretical issues and their
application	18.
PSO 2:	Understand the basic concept of microeconomics.
PSO 3:	Understanding basic concepts of Macroeconomics.
PSO 4:	Acquaint with some basic statistical methods to be applied in economics.
PSO 5:	Acquaint with some basic mathematical methods to be applied in economics.
PSO 6:	Acquaint with some basic theoretical concept of public finance.
PSO 7:	Acquaint with the measurement of development with the help of theories along with the
conceptual	issues of poverty and inequalities with Indian perspectives.
PSO 8:	Delineate the fiscal policies designed for developed and developing economics.
PSO 9:	Facilitate the historical developments in the economic thoughts propounded by different
schools. To	o familiarise students with the contribution of Indian Economic Thinkers and the relevance of
their contr	ibution.
PSO 10:	Learn the basic concept of monetary analysis and financial marketing in Indian financial
markets.	
PSO 11:	Learn the development issues of Indian economy.
PSO 12:	Acquaint with some basic concept of environmental economics along with the solution of
the environ	nmental problems.
PSO 13:	Learn the real and monetary sides of International economics.
PSO 14:	Familiarise and acquaint with the characteristics of the economy of Uttar Pradesh.
PSO 15:	To familiarize the students about issues of ethics in economic thinking and practice.

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List of all Papers in all Six semesters.

Year	Sem.	Course Code	Paper Title	Theory/Practica	Credits
1	Ι	A080101T	Principle of Micro Economics	Theory	6
1	II	A080201T	Principles of Macro Economics	Theory	6
2	III	A080301T	History of Economic Thought	Theory	6
2	IV	A080401T	Money, Banking and Public Finance	Theory	6
3	V	A080501T	Economic Growth and Development	Theory	5
3	V	A080502T/ A080503T	Optional Paper(Any 1) Environmental Economics Or International Economics	Theory	5
3	V	A080504R	Elementary Statistics based Project	Practical	3
3	VI	A080601T	Indian Economy & Economy of Uttar Pradesh	Theory	5
3	VI	A080602T/ A080603T	Optional Paper(Any 1) Agriculture Economics Or Elementary Mathematics	Theory	5
3	VI	A080604R	Dissertation/Project On the Local Issues with Economic Focus plus Presentation on Ppt of the Dissertation	Project	3

Semester-wise Titles of the Papers in BA(Economics)

BA 1st Year, Sem. I, Course I (Theory)

Programme/Class: Degree/BA	Year: First	Semester: First
· · · · · ·	Subject: Economics	
Course Code: A080101T	Course Title: Pr	rinciple of Micro Economics
Course Outcome:		
 elasticity etc so that he/she can The students learn and under utility analysis. The students learn and unders effect, income effect and subs The students learn and under variable proportion. 	n comprehend them & familiarize estand the concepts of consumer tand application of Indifference cu titution effect. rstand the Theory of production-	behaviour like cardinal utility and ordinal arve analysis in deriving demand curves, price iso-quants, laws of returns to scale, law of
	l and compare between the Traditi	
	g, usage and application of basic ed	
• Describe and apply the metho marginal utility.	ds for analyzing consumer behave	ior through demand and supply, elasticity and
 The decision-making process competition, monopoly and ol To deal with the advance theo 	ligopoly markets.	The asperfect competition, monopolistic \mathbf{O}
	Page 2 of 22	Dr. B.R.A. University, AE
		Dr. B.R.A.

	Credits: 6	Core Compulsory				
	Max. Marks: 25+75	Min. Passing Marks: 40				
	Total No. of Lectures-Tutorials-Pra	actical (in hours per week): L- 4/w				
Unit	Topics		No. of Lectures			
	Part					
I	Introduction: Problem of scarcity and choice: scarcity, choice and opportunity cost; production possibility frontier; economic systems. Demand and supply: law of demand, determinants of demand, shifts of demand versus movements along a demand curve, market demand, law of supply, determinants of supply, shifts of supply versus movements along a supply curve, market supply, market equilibrium. Applications of demand and supply, consumer surplus. Elasticity: Price, Income and Cross elasticity of demand, calculating elasticity of demand, determinants of elasticity of Demand					
II	Consumer Theory: concept of utility, dimir budget constraint, Consumers Equilibrium, Income effect, substitution effect and Prid derivation of demand curve from indit Preference	ce Effect: Hicks and Slutsky's approach,	12			
III	 Production and Costs: a. Production: behaviour of profit maximiz functions, law of variable proportions, choic cost minimizing equilibrium condition. b. Costs: costs in the short run, costs in maximizations, minimizing losses, short run diseconomies of scale, long run adjustments. 	e of technology, isoquant and isocost lines, the long run, revenue and profit n industry supply curve, economies and	11			
IV	Market Structures a. Perfect Competition: a. Assumptions: the demand and revenue; equilibrium of the fir industry supply curve: increasing, decreasi allocative efficiency under perfect competition b. Imperfect Competition Concept of imperfect competition, Monopol price and output determinations under monop and resource allocation Theory of a Monopoly Firm	m in the short run and long run; long run ing and constant cost industries. Welfare: on. istic competition: Assumptions, SR& LR polistic competition, economic efficiency	11			
	Short run and long run price and output dec supply curve under monopoly; comparison social cost of monopoly Part	of perfect competition and monopoly,				
V	Price and output determination under discrim monopoly: Antitrust laws, natural monopoly perfect collusive oligopoly(pricing under car Price leadership, Non collusive Oligopoly: T	ninating monopoly;remedies for ; oligopoly: assumptions, Pricing under rtel), Incomplete or Informal Collusion:	11			

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VI	b) Markets and Market Failure Market adjustment to changes in demand, efficiency of perfect competition; sources of market failure: imperfect markets, public goods, externalities						
VII	VIIIncome Distribution and Factor pricingVIIMarginal Productivity Theory of Distribution, Euler's Theorem and Adding up problemInput markets: demand for inputs; labour markets, land markets, profit maximisationcondition in input markets, input demand curves, distribution of Income.						
VIII	Welfare Economics: Concept & Definition of Welfare Economics. Normative &Positive Economics. Concepts of Social Welfare. Role of Value Judgment in Welfare Economics, Individual & Social Welfare. Pareto Optimality, Conditions of Pareto Optimality. New Welfare Economics: Kaldor-Hicks Welfare Criterion.	11					
Micro 2. Ahuja 3. Dwive 4. Lal, S (2012) 5. Lipsey New E 6. Pindyo 7. Salvat New E 8. Samue Kouts 9. Stonie Suggested Co Assignment/	 .,H.L(2013) : Advanced Economic Theory", S.Chand & Company. Shastri,Rahul.A (economics", Orient Blackswan. .,H.L (2012) :Ucchatar Arthik Siddhant", S.Chand & Company, New Delhi. edi,D.N (2011) :Microeconomics-Theory & Applications", Pearson. .N (2013):Arthshastra Ke Siddhant", Shiva Publishing House, Allahabad. Seth,M.L): Arthshastra Ke Siddhant",Laxmi Narayan Publications,Agra y,Richard&Chrystal,Alec (2011) : Economics", Oxford University Press Publications, Delhi. ck,Robert.S., Rubinfield.Daniel.L., Mehta.Prem.L(2009): Microeconomics", Pear son. 						

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BA 1stYear, Sem. II, Course I (Theory)

Program/Cl	ass: Degree/BA	Year: First	Seme	ster: Second			
		Subject: Economi					
urse Code: A0		Cours	e Title: Macro Economic	S			
urse Learning							
	-	n national income, comprehen	nd calculation methods of	of national income, and			
-	s related to national in		4 141 17	1			
	_	end classical theory of employs end the concept of multiplier as	-	pproach.			
	-	id the relationship between infl	•				
		tors determining national incor		saving and investment.			
		e different phases of trade c	_	-			
		clical fluctuation on the grow		-			
cycle.		-					
	Credits: 6		Core Compu	ulsory			
	Max. Marks: -25+	-75	Min. Passing N	/arks:40			
	Total No. of	Lectures-Tutorials-Practical (i	n hours per week): L- 4/v	N			
Unit		Topics		No. of			
		-		Lectures			
		s macroeconomics? Macroec					
Ι	economy. Macro vs.	Micro Economics, Limitatio	ons of Macroeconomics;	12			
	National Income Ac	counting: Concepts of GDP C	ND NDD and NND at				
	market price and fa						
	Income. Measuremen	12					
	limitations of the GD						
		r concept.					
	Circular Flow of Income and expenditure in two, three, and four-sector						
		ncome and Economic Welfare;		11			
	Classical Theory of E	Employment. Say's Law of Ma	rkets. Keynes'				
		ssical Theory; Aggregate Dem					
	Supply Functions; K	11					
		and Marginal Propensity to C	consume; Factors				
	influencing Consump						
		Part II					
		tiplier and its Effectiveness					
v		mous and Induced Investment		11			
		nd Investment - Ex Post and E	ex Ante, Equality and	11			
	Equilibrium. Principl						
VI		ssical, Neo-Classical and Key		11			
		teness in Liquidity Preference					
VII		rivations of the IS and LM fu	nctions; IS-LM and	11			
	aggregate demand; sh			11			
		mployment Concept of infla					
	inflation; relationship	11					
	in short run and long	run.		M			
		Dago 6 of 77		Sectoral			
		Page 6 of 22		Ke Taiver			
		C		· / /) // ·			
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BA 2ndYear, Sem. III Course I (Theory)

Programme	Seme	ster: Third						
		Subject: E	conomics					
Course Code:	A080301T	Cou	rse Title: His	tory of Economic The	ought			
Course outcom	es:							
	n and discuss, at an advan	•		•				
• Introdu								
• To intro	• To introduce & highlight before the students about Indian Economic Thinkers and their valuable contrib							
in the f	ield of Economics.							
	ssical, the marginalize rev			•				
the cur	rent macroeconomic deba	te between the neo-	classical and	the Keynesian school				
	Credits: 6			Core Compul	sory			
	Max. Marks: 25+75			Min. Passing Ma	arks: 40			
	Total No. of Leo	ctures-Tutorials-Pra	actical (in hou	rs per week): L- 4/w				
Unit		Topics			No. of Lectures			
	Unit Topics							
		Part	-					
I	Kautilya, Dada Bhai Naoroji, RC Dutt, BR Ambedkar, R M Lohia,							
	Gandhian Economics.							
II	Pt. DeenDayal Upadhya	12						
III	Early Period: Economi							
111	Cost and Just price.				11			
	Mercantilism: Main Cha							
IV	Order, Primacy of Agrie	11						
	Taxation, Turgot - Econ			lume.				
	Classical Period: Adam	Part Smith Division of		ory of Value Capital				
N.	Accumulation, Distribut				11			
V	Ideas on International T	11						
	German Romantics and			•				
VI	of Social Change, Labo				(11)			
	Theory of Capitalist Cri							
	Marshall as a Great S							
VII	Economic Methods, Ide	ticity, Representative	11					
	Firm, Quasi-Rent, Pigou							
	Marginalists: The Preci	ursors of Marginal	ism ,Cournot	, Gossen — The				
VIII	Marginalist Revolution	: Jevons, Walras	and Menger	- Bohm-Bawark,	11			
	Wicksell and Fisher; Ec	onomic Ideas of W	icksteed and V	Weiser.				

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BA 2ndYear, Sem. IV Course I (Theory)

-	gram/Class: egree /BA	Year: Seco	ond	Seme	ster: Fourth	
		Subject:]	Economics			
Course C	ode:A080401T	Course	Title: Money	, Banking and Publi	c Finance	
ourse outcom	es:					
• Unders	tand simple concepts	related with monetary e	economics and	banking theory.		
		nt events & key models	and concepts	of monetary economi	ics and banking	
theory.			•			
		ortance of monetary pho		he economy.		
		nance both public and p proment to correct mark		nossible advantage of	f public financing	
	•	len, benefits and distrib				
	-	nd and impact on gener		• •	-	
system		na ana impact on gener		arouse mem to sugg	est good and bad ax	
5	Credits: 6 Core Compu					
	arks:40					
	Total No. of	f Lectures-Tutorials-Pra	actical (in hou	rs per week): L- 4/w		
T T •4		Topics		No. of		
Unit		Topics	Topics			
		Par				
		e of Money: Money				
	Classification; Gres					
Ι	Mixed Economies; Note Issue.	12				
	Quantity Theory of					
	Approaches; The K					
II		: Definitions—Determ			12	
11	Powered Money and Money Multiplier—Indian Currency system.					
		ng: Meaning and typ		_		
	Banks; The proce					
III		ts of banks; Evolution o ; A Critical Appraisal of		<u> </u>	11	
	Banking after Natio					
	Sector in India.					
		ntral Bank; Quantitativ				
TX 7		ank Rate Policy, Oper				
IV		Selective Methods; Rol ectives and Limitations			11	
	Dank of mula, Obje	tenves and Linnations	s or monetary	roncy with		

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	Part II	
V	Nature and Scope of Public Finance: Meaning and scope of Public Finance; Distinction between Private and Public Finance; Public Goods Vs. Private Goods; The Principle of Maximum Social Advantage; Market Failure; Role of the Government.	11
VI	Public Expenditure: Meaning, Classification and Principle of Public Expenditure; Canons and Effects of Public Expenditure; Trends in Public Expenditure and Causes of Growth of Public Expenditure in India.	11
VII	Taxation: Sources of Public Revenue; Taxation — Meaning, Canons and Classification of Taxes; Division of Tax Burden — The Benefit and Ability- To-Pay Approaches; Impact and Incidence of Taxes; Taxable Capacity; Effects of Taxation; Characteristics of A Good Tax System.	11
VIII	Fiscal policy: Components, Instruments, Objectives. Role of Fiscal Policy in Developed and Developing Countries, Budget Structure of the Government of India, State Budget- Sources of Revenues and Expenditures. Major Tax Reforms in India. Fiscal Federalism in India: Union-State Fiscal Relations, Federal Fiscal Imbalances and the Role of Finance Commission. Finances of Local Bodies.	11
buggested Rea		
 Cullis,J Eyler,R Gupta, Gupta,J Delhi. Head, J Inge Ka Jhingan Johanse Khanna Indian Lal, S.N House, Margol Musgra Nadar,J Paul, R Sch. M 	 Amaresh (2005) : Readings in Public Finance, Oxford University Press. ohn& Jones Philip (2009) : Public Finance and Public Choice, Oxford Universit obert (2009) : Money and Banking-An International Text ,Routledge. Janak Raj (2011): Public Economics in India Theory and Practice, Atlantic. S.B (2009) : Monetary Economics-Institutions, Theory & Policy , S.Chand & Construction of the constr	ompany, New ess. cy Relevance in The lishing ill.
Assignment / te	tinuous Evaluation Methods: est/Quiz(MCQ)/Seminar/Presentations/Research orientation of students valent online :	

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BA 3rd Year, Sem. V Course I (Theory)

Programme/Class: Degree/BA		Year: Third	Semest	er: Fifth	
	5100, 511	Subject: Economics			
ourse Code:	A080501T		omic Growth and Devel	opment	
urse outcom	es:				
• Student	ts should be able to co	omprehend the concept and meaning	g of economic growth ar	ndeconomic	
develop	oment.				
• Student	ts should be able to d	istinguish between economic growt	th and economic develop	ment.	
		omprehend the issues and challeng			
		omprehend and explain the concept	t of poverty and human d	evelopment & the	
	concepts.				
		with the approaches to developmen			
		nderstand and explain the factors ar			
• Student		and how international factors facility	*		
	Credits: 5		Core Compuls		
	Max. Marks: 25		Min. Passing Mar	ks: 40	
	Total No. of	Lectures-Tutorials-Practical (in ho	ours per week): P- 2/w	NI C	
Unit		Topics		No. of Lectures	
		Part I		Lectures	
	Meaning and Me	asurement of Economic Growt	th and Development-		
Ι	Measuring Develop	10			
1	Income, Factors af	10			
	Concept of Poverty				
	Gini Coefficient C				
II	Index, Physical Qu	10			
	Happiness Index, 1	10			
		ennium Development goals.			
	Lewis model of la				
III	Push, Nelson's Lev	10			
	Rostow's stages of				
	Theory of Demogra	mits to Growth. The			
IV	Concept of Inclusiv	10			
1 V	Government Failur	10			
	Gender and Develo				
	Development & Ur	Part II	a Chanastanistics and		
		derdevelopment: an Overview; The Underdevelopment-,, Dualism-So			
V		ational, Model of Dual Economy		10	
		ency Theories of Underdevelopment			
			1 11 1 22 1 1 1 1		
		cal Progress, Embodied and Dise Technical Progress- Hicks, Harr			
VI		Progress Function, Arrow's Lear		10	
	Approach to Econo		Thing by Donig		
	11	ogenous growth, Intellectual capita	al, Role of Learning,	\cap	
VII	Education and Res	earch, Explanations of Cross cou	ntry Differentials in	84.	
	Economic Growth,	Information Paradigm-Stiglitz		N'	
		Page 13 of 22		Rezistr Dr. B.R.A. Univ	
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				o Pr	
				The Ball	

	VIII International Trade, Aid and Finance in the Development of Developing 7 VIII Countries-with special reference to India. FDI & FII, Role of Technology 7 Transfer and Multinational Corporations in promoting development in development of developing countries-with Special Reference to India. 7							7		
Sugges	sted Read Barro, F		and	Xavier	Sala-i-	Martin,	Economic	Growth,	The MIT	Press,
	Cam	bridge, L	atest E	dition.						
*	Basu, K	aushik (2	2010):	Analyti	ical Dev	elopmen	t Economic	s: The Les	ss Develop	ed
		nomy, Ox			•					
*		-			•		versity Pres			
*					-					latest edition.
*	Impr	ession)	1				•		w York, 20	,
*		Yujiro& tions, Ox				5) : Deve	lopment Ec	onomics:	From the Po	overty to the Wealth
*	Hendrik 2005		Berg,	Econor	nic Gro	wth and I	Developmen	t, McGrav	w-Hill Intern	national Edition,
*		,M.L (20 Delhi.)13):	Econon	nics of	Develop	ment and	Planning,	Vrinda Pu	blications,
*	Jhingan New	,M.L Delhi.	(2013): Vik	as Ka	Arthsh	astraAwam	Niyojan,	Vrinda Pu	ublications,
*	Lal ,S.N	(2012):V	'ikas, I	Niyojan	Awam I	Paryavara	n, Shiva Pu	blishing H	ouse,Allaha	bad.
*	Lekhi, R	.K (2013): Eco	nomics	of Devel	opment a	nd Planning	g, Kalyani	Publishers, N	New Delhi.
*		3.M., Lea st edition	0	ssues in	Econor	nics Deve	lopment, O	xford Uni	versity Press	, New Delhi,
*		S.K&Puri ishers, M			Econo	omics of	Develo	opment an	d Planning	, Himalaya
*	Ray Deb	raj, Deve	lopme	nt Econ	omics, (Oxford Ui	niversity Pre	ess, Latest	Edition.	
*										ns, SageIndia.
*	U		,					0 1	ation,Delhi.	
*				-			-		atest edition)	
*	pany,Jal	andhar (N	lew De	elhi).					Visha Publi	C
*		l, A.P., G an, UK, 1		and De	velopme	ent with S	pecial Refe	rence to D	eveloping E	conomies,
*	Todaro	Michael.	P&Sm	ith,Step	hen.C(2	011):Ec	onomic De	velopment	, Pearson.	

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BA 3rd Year, Sem. V Course II (Optional) (Theory)

	rogramme/Class: Degree/BA	Year: Thi	rd Sem	ester: Fifth
		Subject: Ed		
Course Code	: A080502T	Course Title: Environm	ental Economics	
Course outco				
			of ecology environment and econo	•
marke	t based methods, tax	tradable pollution permit	•	
assess	ment CO 5: Global a	nd local environmental co		-
	ppment.	hend the Local Issues of	Economic Bearing related to en	vironment &
		importance and influence	e of environment on the economy	including the quality of
manpo		importance and influence	e of environment on the economy	including the quality of
-		importance to make cl	eaner environment so as to achie	we harmonique
	opment.		caner environment so as to achie	
	1	nd that environmental pro	blem is not the problem of a sing	le country or region bu
	al problem/issue.	la that en vironmentar pre	blem is not the problem of a sing	le country of region ou
U	1	of economic growth pro	blems, issues in globalisation,an	d provide grounding in
	growth strategies and	• •	, , ,	1 0 0
5	8	Ī		
	Credits: 5		Core Compu	lsory
	Max. Marks: 2	5+75	Min. Passing M	
	Total No.	of Lectures-Tutorials-Pra	actical (in hours per week): L- 4/w	
Unit		Topics	· · · · · · · · · · · · · · · · · · ·	No. of
			T	Lectures
	Introductions Vor	Part	and problems, economic way o	d
	•			
Ι	thinking about th	10		
	optimality and ma	s 10		
	and other approac			
	The Design and			
II	Pigouvian taxes	10		
	environmental po			
		nental problems; econom	•	
			plications: Valuation of non-	
III			ctice; measurement methods;	10
		sis of environmental polic		
IV		opment: Concepts; meas	urement; perspectives from Indian	n 7
	experience.			
		Part	П	
V	The Theory of Ext	ernality-Positive & Nega	tive Externality; Public Goods;	
			ilure and Pigouvian Solution-	8
		Coase's Theorem And Pr	operty Rights; Eco- Labelling;	~
	Eco-Efficiency.			

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VI	Social Limits to Growth Model; Green Accounting; Environmental Valuation- Meaning, Need for Environmental Valuation, Methods of Environmental Valuation; Difficulty in Measuring Environmental Values, Environmental Damages and Its Valuation.	10
VII	Indian Constitution and the Environment; Environmental Management-	
	Meaning and Concept, Objectives and Goals, Obstacles; Environmental	
	Impact Assessment; Environmental Education and Awareness-Dilemma of	10
	Environmental Ethics and Practical Problems, Environmental	
	Education in India.	
VIII	Population and Environment; Trade and Environment in the WTO Regime; Climate Change- Meaning and Concept, Ozone Depletion, Acid Rain, Global Warming and Greenhouse Effect; Indian Environmental Issues and Legislations; Role of Judiciary in Environmental Protection and Conservation; International Environmental Issues and Legislations, Carbon Trading.	<u>10</u>
Suggested	Readings:	
• Bł	narucha, Erach : Paryavaran Adhyann, Orient Blackswan.	
	nattacharya, Rabindra Nath (2002): Environmental Economics – An Indian F niversity Press.	Perspective, Oxford
• Eı	igine, T (2005) : Environmental Economics, Vrinda publications, Delhi.	
	ingan,M.L & Sharma,C.K (2009) : Environmental Economics Theory Mgt & Po rinda publications, Delhi.	olicy,
• Ko	olstad, Charles. D (2012): Intermediate Environmental Economics, Oxford Unive	ersity Press.
• Na	agre, Vijay. H (2012) : Environmental Economics, Chandralok Prakashan.	
• Si	ngh, Kartar & Shishodia (2007): Environmental Economics: Theory and Applica	tions, Sage India.
• Si	ngh, S.R(2012): Environmental Economics, APH Publishing Corporation, Delhi.	
• Sr	nith, Stephen (2011): Environmental Economics: A Very Short Introduction, Oxess.	
• Tr	ipathi, Daya Shanker : Paryaavaran Addhyayan, Motilal Banarasidass Pvt Ltd.	

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B A 3rdYear, Sem.V Course II (Optional) (Theory)

	gram/Class: Year: Thi	rd Sem	ester: Fifth		
	Subject:	Economics			
Course Code	:A080503T	Course Title: International Econo	mics		
Course outco					
• Studer	nts should be able to understand and explain th	e concept, need, significance and so	cope of international		
econor					
	nts should be familiar with the approaches of in				
	its should be familiar with and are able to expl	lain the economic integration at the	global level and the		
	tion of groups.		.1		
	nts are familiar with the international organiza portance and relevance of these international o		should be able to analyse		
the m	Credits: 5	Core Compu	leon		
	Max. Marks: 25+75	Min. Passing N			
		ractical (in hours per week): L- 4/w			
	Total No. of Lectures-Tutomais-P	racucar (in nours per week): L- 4/w	No. of		
Unit	Topics		Lectures		
	Par	•t T	Lectures		
	Need, Significance and Scope of Interna				
	Theory-Mercantilism; The Classical Theori				
Ι	Ricardo; Opportunity Cost Approach; T		8		
	Concepts, Factors affecting Terms of Tra-				
	Analysis.				
	Free Trade and Protection-Meaning of Fr	ee Trade, Arguments For and			
	Against Free Trade, Meaning of Protecti	-	7		
II	Economic and Non-Economic Arguments;	0			
	Countries.				
	Theories and Forms of Economics Integrat	tion-Meaning &Benefits Forms			
III	of Economic Integration- Custom Union:	Production and Consumption			
111	Effects of Customs Union; Problems Invo	olved in the Formation of	10		
	Customs Union; Political Economy of Prote	ection; SAFTA, BRICS, IBSA.			
	Balance of Payments-Concepts ; Adjust	ment Mechanisms of Balance of			
IV	Payments- Adjustment Through Variation	•	10		
1,	and Balance of Payments Adjustment, Th	e Elasticity Approach, Marshall-	10		
	Lerner Condition.				
	Par				
	Heckscher-Ohlin Theorem, The Leontief				
X 7	Theories of Trade- Technological Gap Mod	-	10		
V	of Growth on International Trade- Produ	-	10		
	Export Pessimism, Immiserising Growth Meaning and Types, Factors Determining C				
	International Financial Institutions-IMF,W				
VI	WTO- TRIPS &TRIMS, WTO and India;,				
VI	Dialogue, South-South Cooperation; Globa		1		
	Pratogae, South-South Cooperation, Globa	IIZauoII, 1 D1.	<u> </u>		
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	Quantitative Restrictions: Quota-Meaning, objectives, Types and Effects	
VII	of Import Quotas; Tariffs-Meaning Types and Effects of Tariffs; Non-	10
	Tariff Barriers-Meaning, Classification and Types.	
	Foreign Exchange-Meaning and Instruments, Exchange Rate	
	Determination, Mint Par Parity theory, Purchasing Power Parity Theory,	
VIII	Hedging, Foreign Exchange Rate Policy- Fixed, Flexible & Multiple	10
, 111	Exchange Rate System; Convertibility of Rupee in Current Account and	10
	Capital Account, Move Towards Capital Account Convertibility; Global Financial Crisis.	
Suggested R	eadings:	
• Ag	garwal,Babita (2009): Antarrastriya Arthshastra, Omega Publications.	
● Bł	atia,H.L (2006): International Economics, Vikash Publishing House.	
• Cł	nerunilam,Francis (2008) :International Economics" Tata McGraw Hill Education	
	eld,Alfred.J & Appleyard, Dennis.R (2013) : International Economics, McGra lucation.	aw Hill
• Ge	erber, James (2012): International Economics, Pearson.	
● Jh	ingan, M.L (2011): Antarrastriya Arthshastra, Vrinda Publications, New Delhi.	
• Kı	rugnan, Paul. R & obstfeld, Maurice (2008) : International Economics, Pearson.	
● La	ll,S.N (2012) : Antarrastriya Arthshastra, Shiva Publishing House, Allahabad.	
• M	annur,H.G (2001):International Economics, Vikash Publishing House Pvt Ltd.	
• Sa	lvatore,Dominick (2012) : International Economics: Trade & Finance, Wiley Pub	lishers.
	nha,V.C., Sinha,Pushpa & Sinha,Vivek (2011) : Antarrastriya Vyapar Avam Vitublications.	t, Mayur
	aishya,M.C. & Singh,Sudama (2006) : International Economics , Oxford &IBH puse, Delhi.	Publishing
Suggested Co	ntinuous Evaluation Methods:	
•	test/Quiz(MCQ)/Seminar/Presentations/Research orientation of students	
100	uivalent online :	
Swayam		

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BA 3rd Year, Sem. V Course III (Project)

	(110)000)	
Program/Class: Degree /BA	Year: Third	Semester: Fifth
	Subject: Economics	
Course Code: A080603R	Course Title: Elementary	Statistics based Project
Course Outcome:		
• Students to be familiar with	h the concepts in Statistics.	
• The concepts comprehend	ed by the students shall be put to use in practice of the students shall be pu	ctice.
• The students become fam	iliar with the practical aspects of preparing	a questionnaire/interview schedule
and putting them in usage		
• The information/data coll	ected by the students should be analyzed	with the help of Statistical Tools

- taught so as to derive inferences.
 The students shall experience the practical aspect of the theory of statistics being taught in the class room environment.
- The students are able to use statistical tools vis-à-vis given real life situation.
- Practical work to be based on the topics covered in the contents given below.

Credits: 3	Core Compulsory	
Max. Marks: 25+75	Min. Passing Marks:40	
	Total No. of Lectures-Tutorials-Practical (in hours per week): L-4/w	
Unit	Topics	No. of Lectures
I	Introduction to Basic Concepts in Statistics: Population, Sample, Parameter, Data-Meaning & types. Questionnaire, Schedule & Interview Schedule (meaning, concept & types), Frequency Distribution, Cumulative frequency; Graphic and Diagrammatic representation of data.	
ш	Measures of Central Tendency - Mean, Median, Mode, Geometric mean and Harmonic mean. (Meaning, concept, properties & methods of measurement-in brief). Measure of Dispersion: Range, Mean Deviation, Standard deviation, Coefficient of Variation, Quartile deviation, Skewness and Kurtosis (Meaning, concept, properties & methods of measurement-in brief)	45 (Class
ш	Correlation: Meaning, Concept, Types & Properties. Methods of Regression: Meaning and Concept. Least squares method, Interpretation of Regression Coefficients. Meaning, concept & types of Sampling. Meaning & concept of Hypothesis & hypothesis testing.	room teaching and practical)
IV	Time Series: Concept, Meaning & Components - Determination of Regular, Trend and Seasonal Indices. Index Number: Concept, Classification of Index Numbers-price relative, quantity relative, value relative & special purpose (in brief). Consumer Price Index (CPI), Whole Sale Price Index (WPI), Methods of Construction of Index Numbers- i Unweighted & ii Weighted indices (in brief). Test of Adequacy of Index Number Formulae (in brief).	

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Suggested Readings:

- Elhance, D.L (2010) : Sankhiki Ke Siddhant (Hindi), Kitab Mahal.
- Greenlaw, Steven A (2005): Doing Economics: A Guide to Understanding and Carrying Out Economic Research.
- Gupta, S.P (2011) : Statistical Methods, Sultan Chand & Sons, Delhi.
- Hazarika, Padmalochan (2006) : Essential Statistics for Economics and Commerce, Akansha Publishing House.
- Kothari, C.R: Research Methodology: Methods & Techniques. New Age International Publishers ISBN (13) : 978-81-224-2488-1
- Leighton, Thomas (2011) : Using Statistics in Economics, Tata McGraw Hill Education.
- Lind, Wathen & Marchal (2013): Basic Statistics for Business & Economics, McGraw Hill Education.
- Newbold, Paul (2008) : Statistics for Business and Economics, Pearson Education.
- Richard ,<u>I. Levin. H. Siddiqui Masood S. Rubin David Sanjay</u> Rastogi (2017): <u>S</u>tatistics for Management. Pearson. ISBN-10 8184957491
- Sharma, J.K(2011) : Business Statistics "Pearson Education.

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BA3rd Year, Sem. VI Course I (Theory)

Program/Class: Degree /BA	Year: Third	Semester: Sixth
	Subject: Economics	
Course Code:A080601T	Course Title: Indian Eco	onomy & Economy of Uttar Pradesh
Course Outcome :		

- Students should be able familiar with the basic characteristics of Indian economy,
- Students should be able familiar with the it's potential on natural resources of Indian economy and the economy of Uttar Pradesh.
- Students are able to understand the importance, causes and impact of population growth and its distribution, translate and relate them with economic development.
- Students are able to develop an understanding about Uttar Pradesh, its demographic feature, natural resources and factors that cn stimulate its economic growth and development.
- Students should be familiar with the rural development of Uttar Pradesh over the period of time.
- Students should be familiar with the industrial development in India and in Uttar Pradesh.

	Credits: 5	Core Compulse	ory	
	Max. Marks: 25+75	Min. Passing Mar	ks: 40	
	Total No. of Lectures-Tutorials-Pr	ractical (in hours per week): L-4/w		
Unit	Topics		No. of Lectures	
	Part	tI		
I	Structure and Features of Indian Econor Developing Economy, Comparative Developing		8	
II	Agricultural Sector: Institutional Reforms, Technological change in Agriculture, Terms of Trade between Agriculture and Industry; Agricultural Policy, Policies for Sustainable Agriculture. Agrarian Crisis and Agricultural Labour.			
III	The Industrial Sector: Industrial Policy; Public Sector Enterprises and their Performance, Privatization and Disinvestment debate, Small, Medium and Large-scale Sector, Industrial Labour, trade Union Movement.			
IV	Planning in India: Objectives and Strategy of Planning; Success story of Indian Plans; Strategy of Inclusive Growth, Resource mobilization for Development.			
	Part			
V	Nature, Features, Demographic Profile, Stat Factors affecting growth and development in non-economic factors in economic developm	n Uttar Pradesh. Economic and	10	
VI	Sectoral growth pattern in Uttar Pradesh Pradesh and Indian economy: A comparisor of Uttar Pradesh.	7		

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VII	Pattern of land-holding and irrigation; production and productivity in agriculture, Farm mechanization, Crop diversification, agricultural credit, Agricultural policy and strategies in Uttar Pradesh, Rural Development in Uttar Pradesh.	
VIII	Problems and Policies. Major industries in Uttar Pradesh, Pattern of Industrial Development in Uttar Pradesh, Industrial Policy in Uttar Pradesh, Growth pattern of Services sector and Its linkages of other sectors of UP Economy. Micro, Small, Medium Enterprises (MSMEs) in Uttar Pradesh. One Product One District (OPOD).	10
Suggested Read	lings:	

- 1. Agarwal, MK (2009): Uttar Pradesh ka Arthik Vikas. New Royal Book Company
- 2. Annual Financial Statement (Budget) of the Government of Uttar Pradesh published in different years & the latest.
- 3. Annual Financial Statement (Budget) of the Government of Uttar Pradesh published in different years & the latest.
- 4. Annual Financial Statement (Budget)various years & Latest published by the Government of India.
- 5. Economic Surveys, Government of India (Hindi/English)
- 6. Indian Economy by Mishra & Puri. Himalaya Publishing House (Hindi /English)
- 7. Indian Economy by Uma Kapila, Academic Foundation
- 8. Indian Economy. Rudra Dutt & Sunderam. S. Chand & Company (Hindi/English)
- Mishra, Arvind Narayan & Atul Chandra (2018): The Economy of Uttar Pradesh. Gutenberg Publication ISBN: 9789386240224, 9789386240224
- Mishra, Arvind Narayan & Atul Chandra (2018): The Economy of Uttar Pradesh. Gutenberg Publication ISBN: 9789386240224, 9789386240224
- 11. Publications of the Government of Uttar Pradesh.
- 12. Publications of the Government of Uttar Pradesh.
- 13. Uttar Pradesh Human Development Report, UNDP, 2008.
- 14. Uttar Pradesh Human Development Report, UNDP, 2008.
- 15. Uttar Pradesh State Development Report, Volume I & II, State Plan Division, Planning Commission, Government of India, 2014.
- 16. Uttar Pradesh State Development Report, Volume I & II, State Plan Division, Planning Commission, Government of India, 2014.

Suggested Continuous Evaluation Methods:

Assignment / test / Quiz(MCQ) / Seminar/Presentations/ Research orientation of students

Suggested equivalent online :

Swayam

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BA 3rdYear Sem. VI Course II (Optional) (Theory)

	gram/Class: egree /BA	Year: Third		Sem	nester: Sixth
		Subject: Ecor	nomics		
Course Code		Cov	urse Title: A	griculture Econor	nics
dual • Stud • Stud • Stud deve • Stud to ac	lents should be able to istic development. lents should be able to lents should be familia lents should be able to elopment of an econor lents should be familia chieve self sufficiency		e basics of agr culture sector agriculture ir onomy. ates to streng	iculture economia h the economic gra then the rural and	cs. owth and economic agricultural developmen
		comprehend the role of cre			culture in a country like
Indi	Credits: 5	of institutional mechanism i	in this regard	Core Comp	uleory
	Max. Marks: 25	5+75		Min. Passing N	
		of Lectures-Tutorials-Practi	ical (in hours	•	
Unit		Topics	`	• · ·	No. of Lectures
		Part I			
Ι	0	tural Development: Physioc <mark>is Model, Schultz Theory</mark> o: Economy Model			10
II	Agricultural Production Function, Supply Response, Farm Size, Returnsto Scale and Productivity. Cobweb Theorems. Farm Size and Productivity Debate; Theoretical And Empirical Findings. Agricultural Price Policy in India.			10	
ш	Labour in Agriculture- Interlocking of Factor Markets, Labour and Work Force in Rural Farm and Non-Farm Sectors. Agricultural Labour- Problem and Policy. Concept and Measurement of Rural Poverty & Employment, Poverty Alleviation Programmes (in brief-the Objectives, Achievements & the Shortcomings).			10	
IV	Agro- <mark>Subsidies i</mark>	ndian Agriculture- Poverty n India, Subsidy Vs Publi	ic Investmen	t. Export and	10
		ultural Commodities, Terrand Indian Agriculture-Bali			
		Part II	- to Bounditollo	•	l
V	Backward, Forwa Approaches towar Different Plans in Challenges & Issue	re in Economic Growth a urd Linkage between A ds Agriculture And Alloc India. Employment Elastid es Regarding Agricultural A India (With Focus On Post F	Agriculture a cation of Re icity in India Area Expansi	and Industry, sources under n Agriculture, on, Production	10 Ru
		Page 28 of	22		Rezistrat Dr. B.R.A. Universit

	Land Reforms in India & Its Contemporary Relevance, Green Revolution	
VI	and the Need for Second Generation, Green Revolution, Role of Infrastructural Support-Irrigation, Power, Seeds Fertilizers, Marketing	10
	Support System and Roads in Agricultural Development in India	
	Role of Credit in Agricultural Development, Institutional & Non-	
	Institutional Sources of Credit in India, Cooperative Movement in India (In	
VII	Brief). Role of Schedule Commercial Banks, Lead Banks, Regional Rural	8
	Banks and NARBAD to Promote Agricultural Development.	
	Agricultural Marketing: Meaning and Concept. Structure of Agricultural	
	Markets in India, Issues and Challenges in the Marketing of Agricultural	
X/III	Products in India (With Focus On The Post Reform Period-Post 1991).	7
VIII	Agricultural Diversification: Meaning, Concept & Issues. Crop	7
	Diversification: Meaning, Concept and Issues. Farm Incomes and	
	Employment in Indian Agriculture.	
Suggested I	Readings:	
•	Bardhan, P. (1984) Land, Labour and Poverty; Essays in Economic Development	
•	Bhaduri, A. (1984), The Economic Structure of Backward Agriculture; Macmilla	an, Delhi.
•	Bhalla, G.S., (2007) Indian Agriculture since Independence, National Book Trus	t, India
•	Bharadwaj, K. (1974), Production Conditionin India Agriculture; OUP, Cambrid	ge.
•	Black, J.D, (1953) Introduction to Economics for Agriculture, Macmillan.	
•	Dantawala, M.L. et al. (1991): Indian Agricultural Development since Independ	ence, Oxford & IBH,
	New Delhi.	
•	Dash, Mrutyunjay (2013): Agricultural Economics, Anmol Publications.	
•	Ghatak, Sand K. Ingerscant(1984), Agriculture and Economic Development; Sele New Delhi.	ect Books,
•	Griffin, K.(1973): Political Economy of Agrarian Change.	
•	Gupta,P.K (2012) : Agricultural Economics, Vrinda Publications,Delhi.	
•	Gupta, P.K (2012) : Krishi Arthsastra, Vrinda Publications, Delhi.	
•	Khusro, A.M.(1973), The Economics of Land Reforms and Farm Size in India, N	/acMillan.
•	Kumar,N.S.Ravi (2010) : Agricultural Economics, Neha Publishers.	
•	Lekhi, R.K(2013) : Agricultural Economics, Kalyani Publishers.	
	Lekhi,R.K(2013) : Krishi Arthsastra, Kalyani Publishers.	
	Mahajan, Ashwani (2010): Agricultural Economics, Centrum Press.	
	Mellor, J.W., The Economics of Agricultural Development, Vora and Co., Bomb	av 1964
	Raghavan and L. Sarkar (Eds.) (1996): Poverty and Employment: New Delhi.	ay, 1904.
•		
•	Raj, K.N. et.al. (1988): Essays in the Commercialization of Indian Agriculture; C	
•	Rao, CHH (1993):Agricultural Growth, Rural Poverty and Environmental De OUP, NewDelhi.	
•	Rao, CHH, (1975): Technological Change and Distribution of Gains in Indian A MacMillan.	griculture,
•	Rudra, A. (1982): India Agriculture Economics; Myths and Reality: Allied Publi	shers, New, Delhi.

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BA 3rdYear, Sem. VI Course III(Optional) (Theory)

	gram/Class: egree /BA	Year: Third	Semester: Sixth	
	I	Subject: Economics		
Course Code	e: A080603T	Course Title	Elementary Mathematics	
Course Outcon	ne			
• Studer applic	nts are able to compreh ation in economics.	_	es and their application in economics. It lines slope etc of mathematics and it application in economics.	S
Studen invertLearn	nts should be able to un ible. about and work with v	nderstand and work with matrices and ector spaces and subspaces.	I determine if a given square matrix is ear programming & graphic methods.	
	Credits: 5	F	Core Compulsory	
	Max. Marks: 25	+75	Min. Passing Marks:40	
		of Lectures-Tutorials-Practical (in ho	-	
Unit		No. of Lectures	s	
		Part I		
Ι	Basic Concepts: Va of Equations	Basic Concepts: Variables, Sets, Functions, Equations, Identities, Systems of Equations		
II		Application of Straight Line System, Slope of the Line, Homogeneous Function.		
III		Role Of Mathematical Techniques In Economic Analysis, Theory of Numbers, Indices and Factorization.		
IV	Progression, Growt	h Rate, Equilibrium.	9	
	·	Part II		
V	Basics of Calculus: Minima,	Rules of Differentiation of a Functio	n; Maxima and 9	
VI	and Revenues; Con	Elasticities; Inter- relationships among Total, Marginal and Average Cost and Revenues; Constrained Optimisation Problem; Integration of a Function, Consumer's and Producer's Surplus		
VII	Matrix and Determin of a Matrix,Cramm	nants: Various types of Matrices, De er's Rule.	erminants, Inverse 10	
VIII	Concept of Linear	Programming — Graphic Methods.	10	

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