SHRI GURU RAM RAI UNIVERSITY

(Estd. By govt. Of uttarakhand, vide shri guru ram rai university act no. 03 of 2017 & recognized by UGC U/s (2f) of UGC Act 1956)
PATELNAGAR, DEHRADUN-248001, UTTARAKHAND, INDIA

Department of Economics

SYLLABUS
for

Bachelor of Arts (With Economics)

UNDER NATIONAL EDUCATION POLICY-2020

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

(w.e.f. 2023-2024)

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Structure of UG Multidisciplinary Programme
(with Two Core disciplines)

Introduction

The National Education Policy (NEP) 2020 seek store from the Higher Education system by providing flexibility to students in terms of choice of subjects to study and academic path ways. The policy envisages broad based multi-disciplinary, holistic academic programs. One very important recommendation of the NEP2020 is a creative combination of disciplines for study with multiple entry and exit points. Thus, the curriculum has been made flexible by integrating multidisciplinary subjects, vocational education and co-curricular course with main stream education.

Eligibility for admission:

Any candidate who has passed the Plus Two of the Higher Secondary Board of Examinations in any state recognized as equivalent to the Plus Two of the Higher Secondary Board in with not less than 40% marks in aggregate is eligible for admission, However, SC/ST, OBC and other eligible communities shall be given relaxation as per University rules.

Department of Economics

BACHELOR OF ARTS

Program Outcome (PO)

PO-1	Acquire knowledge of the discipline and conduct proper academic in various areas of discipline.
PO-2	Recognize the social structures in our society.
PO-3	Communicate effectively in context which one is operating and develop soft skills
PO-4	Leader in teams in multidisciplinary courses and engage in initiatives that encourage growth for all.
PO-5	Develop awareness of issues among students
PO-6	Recognize and respect different value systems by following the norms of academic integrity.
PO-7	Explain awareness of local, regional, national and global needs.
PO-8	Work on career enhancement by adapting to professional and social needs engaged in lifelong learning.
PO-9	Exhibit capability as lifelong learners adapting new technologies, modern concepts and skills for sustainable development
PO-10	Imbibe qualities of good citizenship, morality and ethics so as to work for the betterment of mankind
PO-11	Cultivate a broad array of interdisciplinary knowledge and skills integrating concepts of humanities and social sciences.
PO-12	Able to apply critical thinking, creativity, skills, cultural sensitivity, and humanity to create awareness within society for problem –solving and interpretation.

Program Specific Outcome (PSOs)

PSO 1	Acquire academic skills with an aptitude for higher studies/research/entrepreneurship in any branch of the programme.
PSO2	An ability to understand the various concept of Economics that prepare for future careers in Economics like Agriculture Economics Managerial Economics Money and banking and public finance.
PSO3	Develop Professional Skills in Economics students through different branches of Economics.
PSO4	Acquire the basic concept of micro and macroeconomics, Labour Economics, industrial Economics, Entrepreneurship Small Business, environmental economics, Demographic and Data Analysis, managerial Economics, monetary analysis; financial marketing; Indian Economy and foreign exchange rate in Indian financial markets, agriculture economics and environment economics.

Course Type:

Discipline Specific Core Courses (DSCC)

Discipline Specific Elective Courses (DSEC)

General Electives Courses (GEC)

Ability Enhancement Courses (AEC)

Skill Enhancement Elective Courses (SEEC)

IAPC: Internship/Apprenticeship / Project/ Community Outreach

VAC: Value Addition Course

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Sem	Core - Discipline Specific Core (DSC)	Elective- Discipline Specific Elective (DSE)	Elective- Generic Elective (GE)	Ability Enhancement Course (AEC)	Skill Enhancement Course (SEC)	(Internship/ Apprenticeship /Project/ Community Outreach) (IAPC)	Value Addition Course (VAC)	Total credit
	Course/credit distribution (Credits 4) Theory (4) or Theory + Practicum/Tutorial (3T+1L) or (3T+1T)	**Course/ Credit distribution** (Credits 4) Theory (4) or Theory + Practicum/ Tutorial (3T+1L) or (3T + 1T)	**Course/ credit distribution** (Credits 4) Theory (4) or Theory + Practicum/ Tutorial (3T+1L) or (3T+1T)	**Course/credit distribution** (Credits 2)	**Course/credit distribution** (Credits 2)	**Course/ Credit distribution** (Credits 2)	**Course/ Credit distribution** (Credits 2)	22
I	**1.DSC 1 (A or B)** (4) **2.DSC A- 1 (Economics)** (4) **3.DSC-B-1-** (Other core)(4)		Choose one from a pool of **GE-1 (4)**	**AEC – 1 (2)**	Choose one from a pool of SEC courses **SEC – 1 (2)**		Choose one from a pool of VAC courses **VAC – 1 (2)**	22
	1. DSC 2 (A or B) (4) **2. DSC A- 2 (Economics)** (4) **3. DSCB-2-** (Other core)(4)		Choose one from a pool of **GE-2 (4)**	**AEC – 2 (2)**	Choose one from a pool of SEC courses **SEC – 2 (2)**		Choose one from a pool of VAC courses **VAC – 2 (2)**	22
	Students on exit shall be awarded Undergraduate Certificate (in the field of Multidisciplinary study) after securing requisite 44 credits in semester I& I							**Total = 44**
II	**1. DSC 3 (A or B)** (4) **2. DSC A- 3 (Economics)** (4) **3. DSCB-3-** (Other core)(4)		Choose one from a pool of **GE-2 (4)**	**AEC – 3 (2)**	Choose one from **SEC 3 – (2)** OR **Internship/Apprenticeship /Project/ Community Outreach (IAPC) – (2)**		Choose one from a pool of VAC courses **VAC – 3 (2)**	22
IV	**1. DSC 4 (A or B)** (4) **2. DSC A- 4 (Economics)** (4) **3. DSCB-4-** (Other core)(4)		Choose one from a pool of **GE-4 (4)**	**AEC – 4 (2)**	Choose one from **SEC 4 – (2)** OR **Internship/Apprenticeship /Project/ Community Outreach (IAPC) – (2)**		Choose one from a pool of VAC courses **VAC – 4 (2)**	22
								Total = 88
	Students on exit shall be awarded Undergraduate Diploma (in the field of Multidisciplinary study/Discipline) after securing requisite 88 credits in semester III& IV							
V	**1. DSC 5 (A or B)** (4) **2. DSC A- 5 (Economics)** (4) **3. DSCB-5-** (Other core)(4)	Choose one from a pool of courses, **DSE 1 (A/B) (4)OR MOOC**	Choose one from a pool of courses **GE – 5 (4)** OR **MOOC**		Choose one from **SEC 5 – (2)** OR **Internship/Apprenticeship /Project/ Community Outreach (IAPC) – (2)**			22
VI	**1. DSC 6 (A or B)** (4) **2. DSC A- 6 (Economics)** (4) **3. DSCB-6-** (Other core)(4)	Choose one from a pool of courses, **DSE 2 (A/B) (4)OR MOOC**	Choose one from a pool of courses **GE – 6 (4)** OR **MOOC**		Choose one from **SEC 6 – (2)** OR **Internship/Apprenticeship /Project/ Community Outreach (IAPC) – (2)**			22
	Students on exit shall be awarded Bachelor of Arts(in the field of Multidisciplinary study/Discipline) after securing requisite 132 credits on completion of semester VI							**Total= 132**

Sem	Core - Discipline Specific Core (DSC)	Elective- Discipline Specific Elective (DSE)	Elective- Generic Elective (GE)	Ability Enhancement Course (AEC)	Skill Enhancement Course (SEC)	(Internship/ Apprenticeship /Project/ Community Outreach) (IAPC)	Value Addition Course (VAC)	Total credit
	Course/credit distribution (Credits 4) Theory (4) or Theory + Practicum/Tutorial (3T+1L) or (3T+1T)	**Course/ Credit distribution** (Credits 4) Theory (4) or Theory + Practicum/ Tutorial (3T+1L) or (3T + 1T)	**Course/ credit distribution** (Credits 4) Theory (4) or Theory + Practicum/ Tutorial (3T+1L) or (3T+1T)	**Course/credit distribution** (Credits 2)	**Course/credit distribution** (Credits 2)	**Course/ Credit distribution** (Credits 2)	**Course/ Credit distribution** (Credits 2)	22
I	**1.DSC 1 (A or B)** (4) **2.DSC A- 1 (Economics)** (4) **3.DSC-B-1-** (Other core)(4)		Choose one from a pool of **GE-1 (4)**	**AEC – 1 (2)**	Choose one from a pool of SEC courses **SEC – 1 (2)**		Choose one from a pool of VAC courses **VAC – 1 (2)**	22
II	**1. DSC 2 (A or B)** (4) **2. DSC A- 2 (Economics)** (4) **3. DSCB-2-** (Other core)(4)		Choose one from a pool of **GE-2 (4)**	**AEC – 2 (2)**	Choose one from a pool of SEC courses **SEC – 2 (2)**		Choose one from a pool of VAC courses **VAC – 2 (2)**	22
	Students on exit shall be awarded Undergraduate Certificate (in the field of Multidisciplinary study) after securing requisite 44 credits in semester I& I							**Total = 44**
III	**1. DSC 3 (A or B)** (4) **2. DSC A- 3 (Economics)** (4) **3. DSCB-3-** (Other core)(4)		Choose one from a pool of **GE-2 (4)**	**AEC – 3 (2)**	Choose one from **SEC 3 – (2)** OR **Internship/Apprenticeship /Project/ Community Outreach (IAPC) – (2)**		Choose one from a pool of VAC courses **VAC – 3 (2)**	22
IV	**1. DSC 4 (A or B)** (4) **2. DSC A- 4 (Economics)** (4) **3. DSCB-4-** (Other core)(4)		Choose one from a pool of **GE-4 (4)**	**AEC – 4 (2)**	Choose one from **SEC 4 – (2)** OR **Internship/Apprenticeship /Project/ Community Outreach (IAPC) – (2)**		Choose one from a pool of VAC courses **VAC – 4 (2)**	22
	Students on exit shall be awarded Undergraduate Diploma (in the field of Multidisciplinary study/Discipline) after securing requisite 88 credits in semester III& IV							**Total = 88**
V	**1. DSC 5 (A or B)** (4) **2. DSC A- 5 (Economics)** (4) **3. DSCB-5-** (Other core)(4)	Choose one from a pool of courses, **DSE 1 (A/B) (4)OR MOOC**	Choose one from a pool of courses **GE – 5 (4)** OR **MOOC**		Choose one from **SEC 5 – (2)** OR **Internship/Apprenticeship /Project/ Community Outreach (IAPC) – (2)**			22
VI	**1. DSC 6 (A or B)** (4) **2. DSC A- 6 (Economics)** (4) **3. DSCB-6-** (Other core)(4)	Choose one from a pool of courses, **DSE 2 (A/B) (4)OR MOOC**	Choose one from a pool of courses **GE – 6 (4)** OR **MOOC**		Choose one from **SEC 6 – (2)** OR **Internship/Apprenticeship /Project/ Community Outreach (IAPC) – (2)**			22
	Students on exit shall be awarded Bachelor of Arts(in the field of Multidisciplinary study/Discipline) after securing requisite 132 credits on completion of semester VI							**Total= 132**

First Year
1st Semester

No.	Course Category	Course Code	Course Name	Periods				Evaluation Scheme		Subject Total
				L	T	P	Credit	Internal	Eternal	
1.	DSC 1 (A or B) (4) DSC A- 1 (Economics) (4)	ECODC- 101	Principles of Micro Economics-I	4	0	0	4	30	70	100
2.	DSC-B-1- (Other core) (Economics) (4)`	ECODC- 102	IntroductoryEconomics-I	4	0	0	4	30	70	100
3.	DSC-B-1- (Other core)(4)`	Other DSC	Other DSC	4	0	0	4	30	70	100
4.	GE-1	ECOGE-101	Managerial Economics-I	4	0	0	4	30	70	100
5.	AEC	AEC – 1 (2)	Choose one from a pool of ACE courses ACE-I	2	0	0	2	30	70	100
6.	SEC-1	ECOSC-101	Basic features of Labour Economics	2	0	0	2	30	70	100
7.	VAC-1	Value Addition Course(VAC)	Choose one from a pool of VAC courses VAC-I	2	0	0	2	30	70	100
			Total	22	0	0	22	210	490	700

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Department of Economics

First Year
2nd Semester

S.No.	Course Category	Course Code	Course Name	Periods				Evaluation Scheme		Subject Total
				L	T	P	Credit	Internal	External	
1.	DSC 1 (A or B) (4) DSC A- 2 (Economics) (4)	ECODC -201	Principles of Micro Economics-II	4	0	0	4	30	70	100
2.	DSC-B-2(Other core) (Economics) (4)`	ECODC- 202	IntroductoryEconomics-II	4	0	0	4	30	70	100
3.	DSC-B-2(Other core)(4)`	Other DSC	Other DSC	4	0	0	4	30	70	100
4.	GE-2	ECOGE-201	Managerial Economics-II	4	0	0	4	30	70	100
5.	AEC	ACE-11	Choose one from a pool of ACE courses ACE-II	2	0	0	2	30	70	100
6.	SEC-2	ECOSC-201	Basics of Industrial Economics	2	0	0	2	30	70	100
7.	VAC-2	Value Addition Course(VAC)	Choose one from a pool of VAC courses VAC-I	2	0	0	2	30	70	100
			Total	22	0	0	22	210	490	700

Students on exit shall be awarded Undergraduate Certificate (in the field of Multidisciplinary study) after securing requisite 44 credits in semester I& I

Second Year
3rd Semester

S.No.	Course Category	Course Code	Course Name	Periods				Evaluation Scheme		Subject Total
				L	T	P	Credit	Internal	Eternal	
1.	DSC 1 (A or B) (4) DSC A- 3 (Economics) (4)	ECODC -301	Principles of Macro Economics-I	4	0	0	4	30	70	100
2.	DSC-B-3 (Other core) (Economics) (4)`	ECODC- 302	Introduction of Demography	4	0	0	4	30	70	100
3.	DSC-B-3 (Other core)(4)`	Other DSC	Other DSC	4	0	0	4	30	70	100
4.	GE-3	ECOGE-301	Regional Economics	4	0	0	4	30	70	100
5.	AEC	ACE-III	Choose one from a pool of ACE courses ACE-III	2	0	0	2	30	70	100
6.	SEC-3	ECOSC301 OR Internship/Apprenticeship / Project/ Community Outreach	Institutional Aspects of Labour Economics OR Internship/Apprenticeship / Project/ Community Outreach(IAPC)	2	0	0	2	30	70	100
7.	VAC-3	Value Addition Course(VAC)	Choose one from a pool of VAC courses VAC-I	2	0	0	2	30	70	100
			Total	22	0	0	22	210	490	700

Second Year
4th Semester

.No.	Course Category	Course Code	Course Name	Periods				Evaluation Scheme		Subject Total
				L	T	P	Credit	Internal	Eternal	
1.	DSC 4 (A or B) (4) DSC A- 4 (Economics) (4)	ECODC -401	Principles of Macro Economics-II	4	0	0	4	30	70	100
2.	DSC-B-4(Other core) (Economics) (4)`	ECODC -402	Trends of Demography	4	0	0	4	30	70	100
3.	DSC-B-4(Other core)(4)`	Other DSC	Other DSC	4	0	0	4	30	70	100
4.	GE-4	ECOGE-401	International Economics	4	0	0	4	30	70	100
5.	AEC	ACE-III	Choose one from a pool of ACE courses ACE-III	2	0	0	2	30	70	100
6.	SEC-4	ECOSC-401 Or Internship/Apprenticeship / Project/ Community Outreach	Uses of Computer in Economics OR Internship/Apprenticeship / Project/ Community Outreach(IAPC)	2	0	0	2	30	70	100
7.	VAC-4	Value Addition Course(VAC)	Choose one from a pool of VAC courses VAC-I	2	0	0	2	30	70	100
			Total	22	0	0	22	210	490	700

Students on exit shall be awarded Undergraduate Diploma (in the field of Multidisciplinary study/Discipline) after securing requisite 88 credits in semester I/II & IV

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Department of Economics

Third Year
5th Semester

S.No.	Course Category	Course Code	Course Name	Periods				Evaluation Scheme		Subject Total
				L	T	P	Credit	Internal	Eternal	
1.	DSC 5 (A or B) (4) DSC A-5(Economics) (4)	ECODC -501	**Economic Development and Policy in India-I**	4	0	0	4	30	70	100
2.	DSC-B-5 (Other core) (Economics) (4)`	ECODC- 502	**Public Finance**	4	0	0	4	30	70	100
3.	DSC-B-6(Other core)(4)`	Other DSC	Other DSC	4	0	0	4	30	70	100
4.	GE-5	ECOGE-501	**Basics of Agriculture Economics**	4	0	0	4	30	70	100
5.	DSE-5	ECODE-501 ECODE-502	Development Planning History of Economic Thought	4	0	0	4	30	70	100
6.	SEC-5	ECOSC-501 Or Internship/Apprenticeship / Project/ Community Outreach	Understanding Economic Survey and Union Budget OR Internship/Apprenticeship / Project/ Community Outreach(IAPC)	2	0	0	2	30	70	100
			Total	22	0	0	22	180	420	600

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Third Year
6th Semester

S.No.	Course Category	Course Code	Course Name	Periods				Evaluation Scheme		Subject Total
				L	T	P	Credit	Internal	Eternal	
1.	DSC 6 (A or B) (4) DSC A-6(Economics) (4)	ECODC- 601	Economic Development and Policy in India-II	4	0	0	4	30	70	100
2.	DSC-B-6(Other core) (Economics) (4)`	ECODC- 602	International Finance and Policy	4	0	0	4	30	70	100
3.	DSC-B-6(Other core)(4)`	Other DSC	Other DSC	4	0	0	4	30	70	100
4.	GE-6	ECOGE-601	Fundamental of Agriculture Economics	4	0	0	4	30	70	100
5.	DSE-6	ECODE-601 ECODE- 602	Data Analysis Consumer Economics	4	0	0	4	30	70	100
6.	SEC-6 OR IAPC	ECOSC-601 OR Internship/Apprenticeship / Project/ Community Outreach	Entrepreneurship and Small Business Development OR Internship/Apprenticeship / Project/ Community Outreach (IAPC)	2	0	0	2	30	70	100
			Total	22	0	0	22	180	420	600

Students on exit shall be awarded Bachelor of Arts(in the field of Multidisciplinary study/Discipline) after securing requisite 132 credits on completion of semester VI

Certificate

FIRST SEMESTER

Course code : ECODC-101					
Course Name : **Principles of Micro Economics-I**					
Semester /Year : **I Semester**					
	L	**T**	**P**	**C**	
	4	0	0	4	

L - Lecture T – Tutorial P – Practical C – Credit

Course Objectives:

The objectives of this course are:

1. To understand the problem of scarcity and choices.
2. To study the law of demand, supply and elasticities.
3. To know about the consumer theory.
4. To explain the production and cost theory.
5. To familiarize the perfect competition and welfare allocation under perfect competition.

Course Contents:

Unit 1

Introduction

a. Problem of scarcity and choice: scarcity, choice and opportunity cost; production possibility frontier; economic systems.

b. Demand : law of demand, determinants of demand, shifts of demand versus movements along a demand curve, market demand,

Unit 2

Consumer Theory

Budget constraint, concept of utility, diminishing marginal utility, Diamond-water paradox, income and substitution effects; consumer choice: indifference curves, derivation of demand curve from indifference curve and budget constraint.

Unit 3

Production and Costs

a. Production: behavior of profit maximizing firms, production process, production functions, law of variable proportions, choice of technology, isoquant and Iso cost lines.

b. Costs: costs in the short run, costs in the long run, revenue and profit maximizations, minimizing losses, short run industry supply curve, economies and diseconomies of scale, long run adjustments.

Unit 4

Perfect Competition

a. Assumptions: theory of a firm under perfect competition, demand and revenue; equilibrium of the firm in the short run and long run; long run industry supply curve.

b. Welfare: allocative efficiency under perfect competition.

Reference Books:

1. Archibald, G.C. (Ed.) (1971), Theoryofthe Firm, Penguin, Harmondsworth
2. Bain, J. (1958), Barriers to New Competition, Harvard University Press, Harvard. Broadway.
3. R.W. and N. Bruce (1984), Welfare Economics, Basil Blackwell, London Cambridge.
4. Graff, J. De V. (1957), Theoretical Welfare Economics, Cambridge University Press,
5. H.L. Ahuja (2008), Advanced Economic Theory, S.Chand publication, New Delhi.
6. Koutsoyiannis, A. (1979), Modern Microeconomics, (2nd Edition), Macmillan Press, London.
7. Kreps, David M. (1990), A Course in Microeconomic Theory, Princeton University Press, Princeton.

rse Outcomes (COs):

Upon successful completion of the course, student will be able to-

CO1	Identify the basic concepts of micro Economics law of demand, law of Supply, consumer, cost and production theory.
CO2	Describe the law of demand, and consumer theory.
CO3	Explain about the production and perfect competition market.
CO4	Analyze the cost theory revenue, profit maximizations, industrysupply curve, economies and diseconomies of scale.
CO5	Evaluate the opportunity cost production possibility and allocative efficiency under perfect competition.

CO6	Write about the Economic systems, choice of technology, isoquant and isocost lines.

CO-PO-PSO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	3	3	1	2	2	1	3	3	2	1	1	1	2	3	2	2
CO2	3	2	1	3	2	2	2	2	2	1	1	1	3	1	2	2
CO3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	-	1
CO4	2	2	1	2	3	1	2	2	2	1	1	1	1	2	-	1
CO5	2	2	2	1	2	2	2	2	2	2	2	2	1	2	-	2
CO6	3	1	-	1	2	1	3	2	2	2	2	2	1	2	-	2

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

SHRI GURU RAM RAI UNIVERSITY

Course code	: ECODC-102				
Course Name	: **Introductory Economics-I**				
Semester /Year	: **I Semester**				
		L	**T**	**P**	**C**
		4	0	0	4

Course Objectives:

The objectives of this course are

1. To understand the basic concept of Economics.
2. To learn about the law of demand and consumer surplus theory.
3. To Explain the Law of Variable Proportions.
4. To understand the different market situation in the Economy and the different theory of factor pricing.

Course Contents

Unit 1

Introduction: Definition, Economic Problems- Scarcity and choice; Central problems of an economy; Micro and Macro Economics; Equilibrium, Positive and Normative Economics; Production possibility curve.

Unit 2

Demand Analysis: Law of Demand and Supply, Utility Analysis of Demand, Indifference Curve Analysis of Demand, Elasticity of Demand, Consumer's Surplus.

Unit 3

Theory of Production: Law of Variable Proportions, Producer's Equilibrium; Returns to Scale.

Unit 4

Theory of Product Pricing: Market Structures and Revenue and cost Curves, Equilibrium of the Firm, Price and Output Determination under [illegible] Monopoly.

Unit 5

Theory of Factor Pricing: Scarcity and Differential rent; Liquidity preference theory of interest, Schumpeter's and knight's theory of Profit, Marginal productivity theory.

Reference Books:

.Ahuja,H.L.(2015):Advanced Economic Theory,S.Chand &Co.,New Delhi

.BaumolW.J.(1982),Economic Theory and OperationsAnalysis,PrenticeHallofIndia,NewDelhi..

.KrepsDavid.M.(1990),ACourse in Microeconomic Theory,PrincetonUniversityPress,Princeton.

.Koutsoyiannis. A(1982): Modern Micro Economics, McMillan.

LayardP.R.GandA.W.Walters(1978),Micro Economic Theory,McGrewHill,NewYork.

,Anindya(1999):MicroeconomicTheoryandApplications,OxfordUniversity,Press,New Delhi.

.Stigller G.(1996),Theory of Price(4thEdition),Prentice Hall of India,NewDelhi.

Course Outcomes (COs):

Upon successful completion of the course, student will be able to-

CO1	Identify the basic concept of Micro, macroeconomics, central problem of the economy, law of demand, supply, Elasticity of demand, law of variable proportion, theory of production pricing and factor pricing.
CO2	Describe the law of Demand law of supply, indifference curve, elasticity of demand and return to scale.
CO3	Explain consumer surplus, theory of production and producer equilibrium.
CO4	Analyze the theory of product pricing and theory of factor pricing.
CO5	Evaluate the equilibrium of the firm, price, output determination under monopoly.
CO6	Write about the Schumpeter, knight's theory of profit and marginal Productivity theory.

CO-PO-PSO Mapping

Course	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3	PSO 4
CO1	3	2	1	2	1	1	1	2	1	1	2	2	2	3	-	3
CO2	3	2	2	2	2	2	3	2	2	2	2	3	2	3	2	2
CO3	2	2	2	1	2	1	2	2	2	2	2	2	2	2	2	3
CO4	3	1	1	2	1	2	2	3	2	2	1	2	1	2	2	2
CO5	2	2		1	2	2	2	2	2	2	2	2	2	2	-	2
CO6	2	1	2	2	1	1	1	3	2	1	1	1	2	2	-	2

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

UG Program

Department of Economics

SHRI GURU RAM RAI UNIVERSITY

FIRST SEMESTER

Course code	:	ECOGE-101			
Course Name	:	**Managerial Economics-I**			
Semester /Year	:	**I Semester**			
		L	**T**	**P**	**C**
		4	**0**	**0**	**4**

L - Lecture T – Tutorial P – Practical C – Credit

Course Objectives:

The objectives of this course are

1. To study the basic concept of managerial Economics.
2. To study the law of demand and supply
3. To understand the Elasticity of demand, Price Effect and Price Consumption Curve.
4. To know about the Consumer behavior and indifference curve

Unit-1

Meaning Decision Making under Risk and Uncertainty Definitions Scope of Managerial Economics. Why Study Managerial Economics ? Relation of Managerial Economics to Other Disciplines, UnlimitedWants Scarce Resources Economic Choices Fundamental Choices Economic Decision Making Opportunity Cost Rational Decision Making Business Firm and Its Objectives Application of economicsin managerial decision making; Role and responsibilities of managerial economist in business.

Unit-2

Demand and Demand Function Demand Law Demand Individual Demand Curve

Exceptions to Law of Demand Market Demand Schedule and Market Demand Curve

Elasticity of Demand.

Introduction Price Elasticity of Demand Income Elasticity of Demand Importance of Income Elasticity of Demand.

Cross Elasticity of Demand Elasticity of substitution Criticism.

Meaning Difference between Supply and Stock Factors Determining Supply. Supply Function Market Supply Curve Market Supply Schedule Increase or Decrease in Supply: Changes in Supply

Extension or Contraction of Supply Price Determination Elasticity of Supply Measurement of Elasticity of Supply Elasticity of Supply and the Passage of Time Importance of the Concept of Elasticity of Supply

Unit-3

Consumer's Behavior

Introduction Cardinal and Ordinal Utility the Utility Function Measurability of Utility Law of Diminishing Marginal Utility Assumptions of Law

Consumer Equilibrium (with single commodity) Exceptions to the Law of Diminishing Marginal Utility Limitations of the Law Importance of Law Law of Equi-marginal Utility (Consumer Equilibrium) Limitations of the Law Importance of the Law.

Unit- 4

Indifference Curve Analysis of Demand

Meaning of an Indifference Curve Indifference Map Assumptions of Indifference Curve AnalysisMarginal Rat of Substitution Properties of Indifference Curves Budget Line/Price Line

Indifference Curve Analysis vs. Conventional Utility Analysis Limitations of Indifference Curve Analysis Applications of Indifference Curve Analysis

Unit-5

Income Effect and Income Consumption Curve

Meaning Positive, Zero and Negative Income Effect Income-demand Relationship (Engel Curve) EngelCurve and Inferior Goods

Reference Books:

1. Maurice, Charles, S., Thomas, Christopher, R and Smithson, Charles, W. 1992. *ManagerialEconomics- Applie microeconomics for decision making.* Irwin.
2. Mote, V.L., Paul, Samuel and Gupta, G.S. 1987. *Managerial Economics-concepts and cases.* TataMcGraw Hil
3. Peterson, Craig, H. and Lewis, Cris, W.2012. *Managerial Economics*. Pearson Education Asia.
4. Dholakia, Ravindra, H. and Oza, Ajay, N. 1996. *Microeconomics for Management Students*. OxfordUniversity Press
5. Koutsoyiannis, A. (1990) *Modern Microeconomics*, Macmillan Press Ltd., London
6. Layard, P.R.G. and A. W. Walters (1978) *Microeconomic Theory*, McGraw Hill, New York
7. Lipsey, R.G. and K.A. Chrystal (2004) *Principles of Economics*, (9th Edition), Oxford UniversityPress, New Delhi

Course Outcomes (COs):

Upon successful completion of the course, student will be able to-

CO1	Identify the basic concepts of Managerial Economics demand function, elasticity of demand, consumer behavior indifference curve and income consumption curve.
CO2	Describe the managerial economics application, law of demand and elasticity of demand.
CO3	Explain consumer behavior indifference curve analysis of demand.
CO4	Analyze price effect and price consumption curve.
CO5	Evaluate income effect and income consumption curve.
CO6	Write about the relation of managerial economics to other disciplines, opportunity cost of firm and its objective.

CO-PO-PSO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	3	2	-	2	2	2	2	2	3	2	2	3	2	2	3	2
CO2	3	2	1	2	2	-	2	3	1	1	1	2	3	-	3	2
CO3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO4	3	2	1	2	2	-	2	1	1	1	1	2	1	1	3	1
CO5	2	2	2	2	1	2	2	2	2	2	2	2	1	2	2	2
CO6	3	-	2	3	2	1	2	2	2	-	2	2	1	2	3	2

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

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SHRI GURU RAM RAI UNIVERSITY

Course code	: ECOSC-101				
Course Name	**: Basics of labour Economics**				
Semester /Year	**: Ist Semester**				
		L	**T**	**P**	**C**
		2	**0**	**0**	**2**

L - Lecture T – Tutorial P – Practical C – Credit

ırse Objectives:

The objectives of the courses are:

1. To understand the concept of Indian Labour Market.
2. To study the concept of wage determination, theories and policies.
3. To know about the concept of employment and unemployment in developing countries.
4. To make them familiar with trade unions.

ırse Contents:

ıt 1:

ɔour Economics: Nature, scope and importance; Indian Labour Market: Meaning, Characteristicsof Organized and ɾganized labour in Indian Economy.

it 2:

ge determination: Theory of Collective Bargaining, Concept ofMinimum Wage and Fair Wage, Wage Policy in ia, Wage differentials; Wages Act, 1936,

it 3:

ployment and development relationship: Poverty and unemployment in developing countries;Unemployment — ncept and Types.

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Unit 4:

Trade Unions: Introduction, Nature, Characteristics, functions and Growth Achievement TradeUnions, Obstacles and weakness in the growth of trade unions movement in India.

References:

1.Datt, G. (1996), Bargaining Power, Wages and Employment: An Analysis of Agricultural LabourMarkets in India, Sage Publications, New Delhi.

2.Hajela, P.D. (1998), Labour Restructuring in India: A Critique of the New Economic Policies,Commonwealth Publishers, New Delhi.

3.Jhabvala, R. and R.K. Subrahmanya (Eds.) (2000), The UnorganisedSector : Work Security andSocial Protection, Sage Publications, New Delhi.

4.Lester, R.A. (1964), Economics of Labour, (2nd Edition), Macmillan, New York.

5. McConnell, C.R. and S.L. Brue (1986), Contemporary Labour Economics, McGraw-Hill, NewYork.

6.Kapola, T.S., P.P. Ghosh and A.N. Sharma (Eds.) (1993), Labour, employment and IndustrialRelations in India, Publishing Corporation, New Delhi.

7.RuddarDatt, K.P.M. Sundharam, 2008, Indian Economy, S. Chand publication, New Delhi.

Course outcomes (COs):

Upon successful completion of the course, student will be able to-

CO1	Identify the labour economics nature, scope, importance, marginal Productivity theory employment development relationship and trade union.
CO2	Understand the labour market meaning features organized, unorganized labour in Indian economy technological change, modernization and wage Determination theory.
CO3	Explain all concept of labour economics wage determination theory trade Unions employment and development relationship.
CO4	Analyze the Wage policy in India poverty and unemployment in developing countries and wage determination.
CO5	Evaluate the theory of collective Bargaining concept of minimum wage fair.
CO6	Write about the achievement of trade union, obstacles, weakness, analysis of education unemployment.

CO-PO-PSO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO
CO1	3	2	2	2	3	2	2	2	2	2	2	2	3	2	2	3
CO2	3	2	3	3	2	1	2	2	3	2	1	2	2	2	2	2
CO3	2	3	2	2	2	2	3	2	2	2	2	2	2	2	3	2
CO4	2	2	-	2	2	1	2	2	2	2	1	2	2	1	2	1
CO5	3	2	2	2	1	2	2	1	1	-	2	2	-	2	3	2
CO6	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

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Department of Economics

Certificate

SECOND SEMESTER

Course code	:	**ECODC201**			
Course Name	:	**Principles of Micro Economics-II**			
Semester /Year	:	**II Semester**			
		L	T	P	C
		4	0	0	4

L - Lecture T – Tutorial P – Practical C – Credit

Course Objectives:

The objectives of this course are:

1. To study the market structure.
2. To understand the Consumer and Producer Theory
3. To learn about the Income Distribution and Factor pricing.
4. To study the International Trade.

Course Contents:

Unit 1

Market Structures

a. Theory of a Monopoly Firm

Concept of imperfect competition; short run and long run price and output decisions of a monopoly firm; concept of a supply curve under monopoly; comparison of perfect competition, monopoly, and oligopoly models

Unit 2

Consumer and Producer Theory Consumer and Producer Theory in Action Externalities, marginal cost pricing, public goods; imperfect information: adverse selection, moral hazard, social choice.

a. Markets and Market Failure Market adjustment to changes in demand, efficiency of perfect competition; sources of market failure: imperfect markets, public goods, externalities.

Unit 3

Income Distribution and Factor pricing: Input markets: demand for inputs; labour markets, land markets, profit maximization condition in input markets, input demand curves, distribution of Income.

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Unit 4

International Trade: Absolute advantage, comparative advantage, terms of trade, sources of comparative advantage, trade barriers, free trade/ protectionism.

Reference Books:

1. Ahuja H.L. (2003) Advanced Economic Theory: Microeconomic Analysis, 13th Edition, S. Chand and Company Ltd. New Delhi
2. Case, Karl E., Ray C. Fair and Sharon E. Oster (2013) Principles of Economics, (11thEdition), PrenticeHall of India, New Delhi
3. Koutsoyiannis, A. (1990) Modern Microeconomics, Macmillan Press Ltd., London
4. Layard, P.R.G. and A. W. Walters (1978) Microeconomic Theory, McGraw Hill, New York
5. Lipsey, R.G. and K.A. Chrystal (2004) Principles of Economics, (9th Edition), Oxford University Press, New Delhi
6. Perloff, Jeffrey M. (2001) Micro Economics, Addison Wesley Longman Pvt. Ltd., New Delhi

Course Outcomes (COs): Upon successful completion of the course, student will be able to-

CO1	Identify the micro economics issues, market structure, consumer, producer theory, market and market failure, distribution of income and international trade.
CO2	Describe the different competition (imperfect competition, monopoly, monopolistic , oligopoly and game theory)
CO3	Explain input markets, labour markets, land markets and profit maximization Condition in input market.
CO4	Analysisthe International trade theories, terms of trade, trade barriers and freetrade protection.
CO5	Evaluate the market failure and distribution of income.
CO6	Write about the Externalities, marginal cost pricing internalizing externalities, Public goods, imperfect information and government inefficiency.

CO-PO-PSO Mapping

Course	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	P10	PO1 1	PO1 2	PSO 1	PSO 2	PSO 3	PSO 4
CO1	3	2	-	2	2	2	1	3	1	2	1	2	2	3	3	2
CO2	3	2	2	3	2	1	2	2	2	2	2	2	2	2	2	1
CO3	2	2	2	1	2	2	2	2	1	1	2	2	2	1	2	2
CO4	2	2	2	2	3	-	1	2	-	-	1	3	2	2	2	1
CO5	2	2	2	2	2	2	2	2	2	2	2	2	1	2	-	2
CO6	3	2	2	2	2	1	2	1	1	1	1	2	2	2	1	2

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Course code	: **ECODC202**				
Course Name	: **Introductory Economics-II**				
Semester /Year	: **2nd Semester**				
		L	**T**	**P**	**C**
		4	0	0	4

L - Lecture T – Tutorial P – Practical C – Credit

Course Objectives:

The objectives of this course are:

1. This course aims to introduce the students with the basic concepts of Money, Banking, Public Finance and International Trade.
2. This course exposes students to the preliminary concepts associated with them inflation, banking, national income and business cycles.
3. It also discusses various aspects of Public Finance as well as of International Trade.

Course Contents:

Unit 1:

Macro Economics: Meaning, Nature, Scope, Importance and Limitations, Basic concepts of Macro Economics, Output and Expenditure Flows, National Income: Meaning, Measurement and Importance.

Unit 2:

Money: Definitions and functions. Importance of Money in Capitalist, Socialist and Mixed Economies. Inflation: Definition, Causes, Effects of Inflation, Measures to Control Inflation.

Unit 3:

Banking: Functions of Commercial Banks, Credit Creation, Functions of Central Bank, Credit Control, Role and Functions of RBI.

Unit 4:

Public Finance: Meaning, Scope and Importance, Principle of Maximum Social Advantage, Public Expenditure: Objectives and Importance, Effects of Public, Expenditure. Public Revenue: Meaning and Sources, Taxation: Meaning and objectives, Kinds of Taxes, GST, Monetary Policy and Fiscal Policy.

Reference Books:

1. Bhargava, R.N. (1969), Indian Public Finances, B.D. Bhargava and Sons, Chandausi.
2. Gandhi,V.P.(1970),Some Aspects of India's Tax Structure,Vora and Company, Bombay.
3. Hall, R.E.and J.B. Taylor (1986),Macroeconomics, W.W.Norton, New,York.
4. Jha,R.(1998),Modern Public Economics, Routledge, London.
5. Luckett, D.G.,(1976),Money and Banking, Mc Graw Hill, New York.
6. Musgrave, R.A. and P.B. Musgrave (1976),Public Finance in Theory and Practice, Mc Graw Hill, Kogakusha, Tokyo.
7. Mithani D.M. (2015)Principles of Public Finance and Fiscal Policy Himalaya Publishing House, New Delhi.
8. Ritter, L.S. and Sibler, W.L.,(1977),Principles of Money, Banking and Markets, Basic Books, New York.
9. Shapiro, E.(1996),Macroeconomic Analysis, Galgotia Publications, New Delhi.
10. Thorn, Richard S.,(1976),Introduction to Moneyand Banking ,New York ,Harper &Row.

Course Outcomes:

Upon successful completion of the course, student will be able to-

CO1	Remember the concept of macroeconomics, money, inflation banking concept and public finance.
CO2	Understand the output, expenditure, flows of income , national income importance of money in capitalist, socialist and mixed economy.
CO3	Explain banking functions and credit creation of central bank commercial bank and define about the public revenue.
CO4	Analyze the importance, limitation of macroeconomics and also explain the causes and measures of inflation and public finance.
CO5	Evaluate the monetary and fiscal policy.
CO6	Write about the money its importance, role of RBI and public Finance.

CO-PO-PSO Mapping

Cours	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO1 0	PO1 1	PO1 2	PSO 1	PS O2	PS O3	PS O4
CO1	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2
CO2	3	2	-	3	1	2	1	3	3	3	3	3	2	2	2	2
CO3	3	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2
CO4	3	2	1	2	1	2	3	3	3	3	3	3	2	2	2	2
CO5	2	2	2	2	2	1	2	2	2	2	2	2	1	2	3	1
CO6	3	2	-	2	1	2	1	2	2	2	2	2	2	2	2	1

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

SECOND SEMESTER

Course code	:	**ECOGE201**			
Course Name	:	**Managerial Economics-II**			
Semester /Year	:	**II Semester**			
		L	T	P	C
		4	0	0	4

L - Lecture T – Tutorial P – Practical C – Credit

Course Objectives:

The objectives of this course are:

1. To understand the theory of production.
2. To study the Economies of scale and theory of cost.
3. To learn about the Market structure and its importance.
4. To understand the Price discrimination Price and Output Determination Under Oligopoly

Unit:-1

Theory of Production: Returns to A Variable Factor

Factors of Production Land Labour Capital Entrepreneur Importance of the Theory of Production

Production Function Definition of Fixed and Variable Inputs The Short-Run and Long-Run Fixed or Variable Proportion Law of Variable Proportions Assumptions of The Law Three Stages of Law of Variable Proportion Three Stages Importance of The Law Law of Returns to Scale Law of Returns to Scale and Production Function Equal Product Curves and Returns to Scale.

Unit:-2

Economies of Scale and The Theory of Cost

Economics of Scale—Introduction The Theory of Costs—Introduction Some Basic Concepts of Costs Short-Run costs Short-Run Cost Curves Relationship between Average Cost and Marginal Cost Long-Run Cost Curves Long-Run Average Cost Curve Optimum Firm, Optimum Plant and Optimum Output Long-Run Marginal Cost Explanation of U-shaped Lac Curve Short-Run Costs under Modern Theory Long-Run Costs Under Modern Theory of Costs.

Unit:-3

Market and Market Structure

Meaning Market Structure Classification of Markets Concept of Industry Classification of Industry Shape of the Demand Curve Concepts of Revenue Shape of Average Revenue and Marginal Revenue Curves

Perfect Competition: Meaning Conditions Short-Run Equilibrium Price Determination Under Perfect Competition Equilibrium Approaches Price Determination Equilibrium with Changes in Demand and Supply Marshall's Time Periods and Price Determination.

Price and Output Under Monopoly

Meaning Types of Monopoly Conditions for the Emergence and Growth of Monopoly

Nature of Average Revenue (Demand Curve) and Marginal Revenue Curves (Under Monopoly)

Price-output Determination (Under Monopoly) Short-Run Monopoly Equilibrium.Long-Run Equilibrium (Under Monopoly) Monopoly and Perfect Competition (Equilibrium) Compared

Unit:-4 Price Discrimination

Forms of Price Discrimination Conditions for Discrimination When is Price Discrimination Profitable?

Price Determination Under Discriminating Monopoly

Pricing Under Monopolistic Competition

Meaning Features Nature of Average Revenue (Demand Curve) and Marginal Revenue Curves under Monopolistic Competition Equilibrium of Individual Firm in the Short-Run Group Equilibrium (Long-run Analysis under Monopolistic Competition) Product Variation and Equilibrium of Firm Group Equilibrium and Product Variation Selling Cost Equilibrium of the Firm and Selling Cos Firm's Equilibrium: (When Nature of the Product is Given and Variable is the Price and Selling Cost) Group Equilibrium (with Selling Cost)

Unit-5

Price and Output Determination Under Oligopoly

Introduction Features of Oligopoly Price-Output Solution Under Oligopoly The Kinked Demand Curve Model Shape of Demand Curve Price-Rigidity: Sweezy's View Hall and Hitch Version Critical Evaluation Empirical Criticism Price Leadership Criticism of Price Leadership Model.

Reference Books:

1. Maurice, Charles, S., Thomas, Christopher, R and Smithson, Charles, W. 1992. *Managerial Economics- Applied microeconomics for decision making.* Irwin.
2. Mote, V.L., Paul, Samuel and Gupta, G.S. 1987. *Managerial Economics-concepts and cases.* Tata McGraw Hill.
3. Peterson, Craig, H. and Lewis, Cris, W.2012. *Managerial Economics.* Pearson Education Asia.
4. Dholakia, Ravindra, H. and Oza, Ajay, N. 1996. *Microeconomics for Management Students*. Oxford University Press
5. Koutsoyiannis, A. (1990) *Modern Microeconomics*, Macmillan Press Ltd., London
6. Layard, P.R.G. and A. W. Walters (1978) *Microeconomic Theory*, McGraw Hill, New York
7. Lipsey, R.G. and K.A. Chrystal (2004) *Principles of Economics*, (9th Edition), Oxford University Press, New Delhi
8. Perloff, Jeffrey M. (2001) *Micro Economics*, Addison Wesley Longman Pvt. Ltd., New Delhi
9. Sen, A. (1999) *Microeconomics Theory and Applications*, Oxford University Press, New Delhi
10. Stigler, G. (1996) *Theory of Price*, (4th Edition), Prentice Hall of India, New Delhi
11. Varian, H. (2000) *Microeconomic Analysis*, W. W. Norton, New York

Course outcomes (COs):

Upon successful completion of the course, student will be able to-

CO1	Identify all concept of managerial economics, theory of production, cost, market structure and price discrimination.
CO2	Understand the theory of production function economics of scale price and output under monopoly market.
CO3	Explain basic concept of costs, perfect competition price discrimination and output determination.
CO4	Analyze the market and market structure.
CO5	Evaluate the price under monopolistic competition.
CO6	Write about the price and output determination under oligopoly.

CO-PO-PSO Mapping

Course	PO1	PO2		PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	3	2		2	2	2	2	2	2	2	1	2	2	3	2	2	3
CO2	3	2		1	2	1	1	2	2	1	2	1	2	2	3	2	2
CO3	2	1		2	2	2	2	2	1	2	2	2	2	2	2	3	2
CO4	3	2		1	2	2	1	1	2	1	1	2	2	2	2	2	2
CO5	2	2		2	1	2	3	2	1	3	1	2	2	1	2	2	2
CO6	2	2		-	2	2	2	2	2	2	1	2	2	3	2	2	2

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Course code	**: ECOSC201**				
Course Name	**: Introduction to Industrial Economics**				
Semester /Year	**: II Semester**				
		L	**T**	**P**	**C**
		2	**0**	**0**	**2**

L - Lecture T – Tutorial P – Practical C – Credit

Course Objectives:

The objectives of this course are

1. To study industrial Economics.
2. To understand the determinants of Industrial Location.
3. To study the concept of industrial finance.
4. To Industrial development and policies in India.

Course Contents:

Unit-1: Industrial Economics: Meaning, Scope, need & Significance of the Study, Industrial Structure: Private sector versus Public sector industries; Large, Medium, Small-scale and cottage.

Unit-2:

Determinants of Industrial Location: Technical, economic, infrastructural and other factors; Factors Influencing Location of Industries; Development of Backward Regions: Government Policy and approach for the development of backward regions.

Unit3:

Industrial Finance: Meaning, Scope and Importance; Sources of Short term and long term Industrial Finance; Industrial Financial Institutions: Role and functioning in India Foreign capital.

Unit-4:

Industrial development and policies in India: Brief Outline of Industrial Policies 1991; Trends in Industrial Growth after 1991, Salient features of New Industrial Policy.Role of MNC,s in India.

Reference Books:

1. Ahluwalia, I.J. (1985), Industrial Growth in India, Oxford University Press, New Delhi.
2. Barthwal, R.R. (1985), Industrial Economics, Wiley Eastern Ltd., New Delhi.
3. Cherunilam, F. (1994), Industrial Economics: Indian Perspective (3rd Edition), Himalaya Publishing House, Mumbai.
4. Desai,B.(1999),IndustrialEconomyinIndia(3rdEdition),HimalayaPublishingHouse,Mumbai.
5. Divine, P.J. and R.M. Jones et. al. (1976), An Introduction to Industrial Economics, GeorgeAllen and Unwin Ltd., London.
6. Government of India, Economic Survey (Annual).
7. Hay, D. and D.J. Morris (1979), Industrial Economics : Theory and Evidence, OxfordUniversity Press, New Delhi.
8. Kuchhal, S.C. (1980), Industrial Economy of India (5th Edition), Chaitanya PublishingHouse, Allahabad.
9. Reserve Bank of India, Report on Currency and Finance (Annual).
10. Singh, A. and A.N. Sadhu (1988), Industrial Economics, Himalaya Publishing House,Bombay.

Course outcomes (COs): Upon successful completion of the course, student will be able to-

CO1	Identify the Industrial economics concept, determination of industrial location, Industrial finance and industrial development policy in India.
CO2	Understand the industrial structure, factor influencing location of industries, Government policies, and approach of development for backward region.
CO3	Explain the Industrial Finance, Financial Institutions role functions and industrial Development and policy in India.
CO4	Analyze the private, public sector industries and industrial policies.
CO5	Evaluate the New industrial policy role of MNC and Industrial institutions.
CO6	Write about the infrastructural, other factors and industrial policy 1991.

CO-PO-PSO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	3	2	1	3	2	3	1	2	2	2	2	2	2	2	3	3
CO2	2	2	2	2	-	2	2	2	2	2	2	2	2	3	2	2
CO3	3	1	1	2	2	2	2	2	1	2	3	2	2	2	3	2
CO4	2	2	2	2	-	2	2	2	2	1	2	2	2	3	2	2
CO5	3	2	1	2	2	1	3	2	-	2	2	2	1	2	2	2
CO6	3	2	2	2	2	2	2	2	1	1	2	2	2	1	2	-

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Diploma

Third Semester

Course code	**: ECODC-301**
Course Name	**: Principles of Macro Economics-I**
Semester /Year	**: III Semester**

L	T	P	C
4	0	0	4

L - Lecture T – Tutorial P – Practical C – Credit

Course Objectives:

The objectives of this course are:

1. To know about the concepts of GDP and measurement of National income.
2. To understand the theory of Income and employment.
3. To acknowledge determination of GDP.
4. To know the concept of money in modern Economy.

Course Contents:

Unit 1:

Introduction

Meaning and concept of macroeconomics: Nature, Scope and Components of Macroeconomics Macroeconomic indicator, Circular flow of income and expenditure.

Unit 2:

Theory of income and Employment

Classical theory, Keynesian Theory of income and employment, Wage flexibility and Full Employment, Aggregate demand and aggregate supply, Theory of effective demand

Unit 3:

National Income Accounting

Concepts of GDP and National Income; measurement of national income and related aggregates; nominal and real income; limitations of the GDP concept

Unit 4:

Determination of GDP

Actual and potential GDP; aggregate expenditure; consumption function; investment function; equilibrium GDP; concepts of MPS, APS, MPC, APC; autonomous expenditure; Concept of multiplier.

Unit 5:

Money in a Modern Economy

Concept of money in a modern economy; monetary aggregates; demand for money; quantity theory of money; liquidity preference and rate of interest; money supply and credit creation; monetary policy.

Reference Books:

1. Agarwal, V. (2010) ***Macroeconomics: theory and Policy***, Dorling Kindersley (India) Pvt.Ltd., New Delhi
2. Ahuja, H.L. (2012) ***Macro Economics, Theory and policy***, S. Chand and Company Ltd.,New Delhi
3. Dornbusch, R. and F. Stanley (1997) ***Macroeconomics***, McGraw Hill, Inc., New York
4. Errol D'souza, (2008) ***Macroeconomics***, Dorling Kindersley (India) Pvt. Ltd. New Delhi
5. Jha, R. (1991) ***Contemporary Macroeconomic Theory and Policy***, Wiley Eastern Ltd., NewDelhi.
6. Mankiw, N.G. (2013) ***Principles of Macroeconomics***, Cengage Learning India (Pvt.) Ltd.,New Delhi

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Course Outcomes:

Upon successful completion of the course, student will be able to-

CO1	Explain the concept of macroeconomics, Classical theory, Keynesian theory of income employment , Concepts of GDP, National Income and Concept of money
CO2	Describe the Circular flow of income expenditure, Aggregate demand, aggregate supply, Theory of effective demand and Determination of GDP.
CO3	Determine the Wage flexibility and Full Employment, measurement of national income, related aggregates Concept of multiplier, and Basic concept of consumption function in Macroeconomics.
CO4	Illustrate the concept of macroeconomics, theory of money, supply, credit creation and monetary policy.
CO5	Express Determination of GDP, Macroeconomic indicators, Circular flow of income and expenditure.
CO6	Write the concepts of MPS,APS,MPC,APC and Multiplier.

)-PO-PSO Mapping

urse	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PS O3	PS04
1	2	1		1	1	1	3	3	3	2	1	3	2	2		2
2	1	2			2	1	2	2	2	2	2	2	2	1		1
3	2	2			2	1	2	2	1	2	2	2	1	2		1
4	2	1		2	1	1	2	1	2	1	2	3	2	2		2
5	2	2			2	1	2	2	2	2	2	2	1	1		2
6	2	2		2	2	1	2	2	2	2	2	2	1	1		2

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

THIRD SEMESTER

Course code	**: ECODC302**				
Course Name	**: Basics of Demography**				
Semester /Year	**: III Semester**				
		L	**T**	**P**	**C**
		4	**0**	**0**	**4**

The objectives of this course are

1. To understand population growth and economic development.
2. To understand the migration and its features.
3. Able to understand the concept of demographical development of India.
4. To understand Source of demographic data.

Unit -I

Meaning scope and importance of demography theories of population Malthus theory. optimum theory and theory of demographic transition.

Unit 2:

Fertility and mortality statistics curd birth rate (CBR), mortality rate fertility rate child health in India temporal and special variation in sex ratio methods of population projection.

Unit :3

Migration meaning types and measurement causes and effects of internal and international migration urbanization causes and effects.

Unit: 4

Population growth and economic development qualitative control of population human development index (HDI) gender development index (GDI) effects of population growth in India.

Unit 5:

Source of demographic data in India population census in India nature methods problems and defects salient feature of current population census family planning program in India.

Course Outcomes:

Upon successful completion of the course, student will be able to-

CO1	Remember the meaning, scope of population, fertility, mortality main source of population, migration internal and international migration urbanization, Source of demographic data in India.
CO2	Understand the demographic theories of population fertility mortality and special variation in sex ratio, methods of population, projection HDI and GDI effect of population growth.
CO3	Explain fertility, mortality statistics curd birth rate (CBR) ,migration causes, effect and quality control of population human development index, gender development index and effect of population growth in India.
CO4	Analyze demographic theories, fertility, mortality, migration, population growth and economic development.
CO5	Evaluate the Importance of demography fertility, mortality, migration and different sources of demography.
CO6	Write about the fertility rate child health sex ratio methods of population projection problems features and family planning program in India.

CO-PO-PSO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PS04
CO1	2	1		1	1	1	3	3	3	2	1	3	2	2		2
CO2	1	2			2	1	2	2	2	2	2	2	2	1		1
CO3	2	2			2	1	2	2	1	2	2	2	1	2		1
CO4	2	1		2	1	1	2	1	2	1	2	3	2	2		2
CO5	2	2			2	1	2	2	2	2	2	2	1	1		2
CO6	2	2		2	2	1	2	2	2	2	2	2	1	1		2

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Course code	**: ECOGE-301**				
Course Name	**: Regional Economics**				
Semester /Year	**: III Semester**				
		L	T	P	C
		4	0	0	4

L - Lecture T – Tutorial P – Practical C – Credit

Course Objectives:

The objectives of this course are

1. To understand the concept and different theories of regional development and planning
2. To explain the economic development and regional disparities
3. To know the salient features of Uttarakhand economy.
4. To learn about the demography and Panchayati System of Uttarakhand

Course Contents:

Unit 1:

Regional Economics: Concept, definition, scope and importance; Theories of regional development and planning.

Unit 2:

Economic development and regional disparities; Indicators of regional disparities, Backwardness and regional imbalances in India. Causes of Regional disparities in India. Benefits of regional economic integration.

Unit 3:

Economy of Uttarakhand: Salient features- Geographical features, Land types, Land use, Forest resources and Energy resources; Agriculture and Industrial pattern in Uttarakhand; Tourism in Uttarakhand economy.

Unit 4:

Human resource in Uttarakhand: Demographic profile, Education, Health and other infrastructural facilities, Poverty in Uttarakhand; Panchayati Raj and people participation.

Reference Books:

1. Bal Krishan: Regional Planning
2. Dewan M.L and JagdishBahadur: Uttaranchal vision and Action programme.
3. G.PMishra: Regional Dimensions of development
4. L. Needlemand: Regional Development.
5. Planning commission, Govt. of India, Five year plans
6. Sati, M.C: Diversity and Development of Himalayan Economy Tolia, R.S: Uttarakhand Today.
7. Winsar publication: Uttarakhand year book (Hindi and English)

Course outcomes (COs):

Upon successful completion of the course, student will be able to-

CO1	Remember Regional Economics, Concept, definition, scope, importance and Economic development and regional disparities, Human resource in Uttarakhand Economy.
CO2	Describe the Theories of regional development, planning, regional disparities, Agriculture, Industrial pattern and Tourism in Uttarakhand economy.
CO3	Explain the Demographic profile, Health,infrastructural facilities Poverty and Geographical features of Uttarakhand Economy.
CO4	Classify the regional economic issues and methods of analysis.
CO5	Evaluate the Economic development and regional disparities in the Economy.
CO6	List the human resource Panchayati Raj and people participation in Uttarakhand.

CO-PO-PSO Mapping

Course	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO10	PO12	PO10	PSO 1	PSO 2	PSO 3	PSO 4
CO1	2	2	1	1		1	1		2		1	2	1	1		
CO2	2	2	1	1		2	1		2		2	1	2	2		
CO3	2	2	1	2		1	2		2		1	2	1	1		
CO4	2	2	2	1		1	1		2		1	1	1	1		
CO5	2	1	1	2		1	2		1		1	2	2	2		
CO6	2	2	1	1		1	1		1		1	1	1	1		

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

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Course code	**: ECOSC-301**			
Course Name	**: Institutional Aspects of Labor Economics**			
Semester /Year	**: III Semester**			
	L	**T**	**P**	**C**
	4	0	0	4

L - Lecture T – Tutorial P – Practical C – Credit

Course Objectives:

The objectives of this course are

1. Various aspects of Labour Migration
2. Cause and effect of Industrial Disputes
3. Various aspects of Labour welfare
4. Various problems of Labour

Course Contents:

Unit 1:

Labour Migration: Approaches, Effects of Migration. Demand for labour relating to choice of technology. Supply of labour in relation to growth of labour force. Labour force participation rates.

Unit 2:

Industrial Disputes: Nature, Causes, Settlement and prevention mechanism in India; Industrial Act 1947 and amendments – Workers' participation in Management, Collective bargaining.

Unit 3:

Labour Welfare: Objectives, Labour welfare activities in India; Social Security: Features, Review and appraisal of states policies with respect to social security and labour welfare in India

it 4:

Special problems of labour: Problems related to Child labour, Female labour, Discrimination and Gender bias in treatment of labour; Labour Market Reforms; Problems of labours in organized and unorganized sectors in Indian Economy.

Reference Books:

1. Datt, G. (1996), Bargaining Power, Wages and Employment: An Analysis of Agricultural Labour Markets in India, Sage Publications, NewDelhi.
2. Lester, R.A. (1964), Economics of Labour, (2nd Edition), Macmillan, NewYork.
3. Mc Connell, C.R. and S.L. Brue (1986), Contemporary Labour Economics, McGraw-Hill, New York
4. Papola, T.S., P.P. Ghosh and A.N. Sharma (Eds.) (1993), Labour, employment and Industrial Relations in India, B.R. Publishing Corporation, New Delhi.
5. Hajela, P.D. (1998), Labour Restructuring in India: A Critique of the New Economic policies, Commonwealth Publishers, New Delhi.
6. Jhabvala, R. and R.K. Subrahmanya (Eds.) (2000), The Unorganised Sector :Work Security and Social Protection, Sage Publications, New Delhi.
7. Ruddar Datt, K.P.M. Sundharam, 2008, Indian Economy, S.Chandpublication, New Delhi.
8. Venkata Ratnam,C.S.(2001),Globalization and Labour -Management Relations :Dynamics of Change, Sage Publications/Response Books, NewDelhi.

Course outcomes (COs):

Upon successful completion of the course, student will be able to-

CO1	Define the labour migration, industrial disputes, Labour Welfare and Special problems of labour.
CO2	Understand the theoretical as well as empirical issues relating to the labour market with special reference to India.
CO3	Explain Industrial Disputes and related problems.
CO4	Analyze the labour market, Labour welfare activities and Social Security in India.
CO5	Distinguish the various issues related to child and women labour.
CO6	Express the Labour Market Reforms.

CO-PO-PSO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	2	1	2	1		1		2		1	1		2		2
CO2	2	1	1	2	2		2		2		2	1		2		2
CO3	2	2		1	1	1	1		2	1	1			2	2	2
CO4	2	2	2	1	2		2		2	1	2	2		2	2	2
CO5	2	1		1	1		1				1					
CO6	2	2		2	2		2				2					

3: Highest Correlated, 2: -Medium Correlated, 1: Lowest Correlated

Fourth Semester

Course code	**: ECODC-401**
Course Name	**: Principles of Macro Economics-II**
Semester /Year	**: IV Semester**

	L	T	P	C
	4	0	0	4

L - Lecture T – Tutorial P – Practical C – Credit

Course Objectives:

The objectives of this course are:

1. To infer IS LM model: how aggregate market interacts for real goods and financial markets
2. To compare Aggregate demand and aggregate supply
3. To indicate the reasons of unemployment, how we measure the inflation rate through Phillip's curve.
4. To know how Nations measure their own level of international economic activity.

Course Contents:

Unit 1:

IS-LM Analysis: Derivations of the IS and LM functions; IS-LM and aggregate demand; shifts in the AD curve.

Unit 2:

Consumption functions: Concept, Psychological law of consumption; Post-Keynesian Theories of Consumption: Relative Income Theory of consumption; Life Cycle theory of consumption, Permanent Income theory of consumption.

Unit 3:

Inflation and Unemployment: Concept of inflation; determinants of inflation; relationship between inflation and unemployment: Phillips Curve in short run and long run.

Unit 4:

Balance of Payments and Exchange Rate: Balance of payments: current account and capital account; market for foreign exchange; determination of exchange rate.

Reference Books:

1. Agarwal, V. (2010) ***Macroeconomics: theory and Policy***, Dorling Kindersley (India) Pvt. Ltd., New Delhi
2. Ahuja, H.L. (2012) ***Macro Economics, Theory and policy***, S. Chand and Company Ltd., New Delhi
3. Dornbusch, R. and F. Stanley (1997) ***Macroeconomics***, McGraw Hill, Inc., New York
4. Errol D'souza, (2008) ***Macroeconomics***, Dorling Kindersley (India) Pvt. Ltd. New Delhi
5. Jha, R. (1991) ***Contemporary Macroeconomic Theory and Policy***, Wiley Eastern Ltd., New Delhi.
6. Mankiw, N.G. (2013) ***Principles of Macroeconomics***, Cengage Learning India (Pvt.) Ltd., New Delhi

Course Outcomes:

Upon successful completion of the course, student will be able to:

CO1	Identify IS-LM analysis, consumption function, inflation, unemployment and Balance of Payments.
CO2	Explain the various Theories of Consumption and Concept of inflation.
CO3	Determine the Relationship between inflation, unemployment and Balance of payments.
CO4	Analyze the Derivations of the IS, LM functions, aggregate demand and shifts in the AD curve.
CO5	Conclude the knowledge of the Consumption functions, Concept and Psychological law of consumption.
CO6	Write the foreign exchange and its determination

CO-PO- PSO Mapping

Course	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PSO 1	PSO 2	PSO 3	PSO 4
CO1	2	2		2	2	2	1	2	2	2	2		2
CO2	2	1		2	2	1	2	2	2	3	2		2
CO3	3	2		3	3	3	3	3	2	2	1		2
CO4	2	1		2	2	2	2	2	2	2	2		2
CO5	2	2		2	2	2	2	2	1	2	2		2
CO6	2	1		2	2	2	2	2	2	2	2		2

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Course code	**: ECODC-402**			
Course Name	**: Trends of Demography**			
Semester /Year	**: IV Semester**			
	L	**T**	**P**	**C**
	4	0	0	4

L - Lecture T – Tutorial P – Practical C – Credit

Course Objectives:

The objectives of this course are

1. Theories of Demography transition.
2. Different sources of Demographic Data.
3. Population Policy.
4. International aspect of the population.

Course Contents:

Unit 1:

Population in India: Population Growth; Trends; Composition; Occupational and Regional Distribution; Effects of Population Growth in India; Factors affecting Mortality, Fertility and Migration in India

Unit 2:

Sources of Demographic Data in India: Population Census in India- Nature, Methods and Problems.

Unit 3:

Population Policy in India: Family Planning Programme in India, Shift in Policy Focus from Population Control to family Welfare and to women Empowerment; The new population Policy; Main features .

Unit 4:
International Aspects of Population: Unequal Distribution of population, Population Trends in the twentieth century, Determinants of age and sex structure, Demographic effects of sex and age structure.

Reference Books:

1. Agarwal S.N. (1972), India's Population Problem, Tata McGraw-Hill Co., Bombay.
2. Bogue, D.J. (1971), Principles of Demography, John Wiley, New York 3.Choubey, P.K. (2000), Population Policy in India, Kanishka Publications, New
4. Delhi.
5. Coale A.J. and E.M. Hoover (1958), Population Growth and Economic Development in Low Income Countries: A Case Study of India's Prospects, Princeton University Press, Princeton
6. Gulati, S.C. (1988), Fertility in India: An Econometric Study of a Metropolis, Sage, New Delhi.
7. Krishnaji M., R.M. Sudarshan and A. Shariff (1999),Gender Population and Development, Oxford University Press, New Delhi.
8. Bose, A. (1996), India's Basic Demographic Statistics, B.R. Publishing Corporation. New Delhi
9. Chenery H. and T.N. Srinivasan (Eds.) (1989), Hand Book of Development Economics, Vol. 1 & 2 Elsevier, Amsterdam
10. Mishra S.(2000),Voluntary Action in Health and Population: The Dynamics of Social Transition, Sage, New Delhi.
11. Seth M. (2000), Women and Development: The Indian Experience, Sage New Delhi.
12. Simon, J.L. (1992), Population and Development in Poor Countries, Princeton University Press
13. Srinivasan, K. (1998), Basic Demographic Techniques and Applications, Sage, New Delhi.
14. Srinivasan, K. and A. Shariff (1998), India: Towards Population and Demographic Goals, Oxford University Press, New Delhi.
15. Sryrock, H. et. al (1973), The Methods and Materials of Demography, US Department of Commerce, Washington, D.C.

UNIVERSITY

Course outcomes (COs):

Upon successful completion of the course, student will be able to-

CO1	Define the population growth trend, Sources of Demographic, National and international aspects of Population.
CO2	Explain occupational and regional distribution factors effecting population components and the different sources of Demographic Data in India.
CO3	Explain family planning programmes and New population Policy.
CO4	Analyze the Unequal Distribution of population, Population Trends in the twentieth century, and Determinants of age and sex structure.
CO5	Conclude the Demographic effects of sex and age structure.
CO6	Write the Factors affecting Mortality, Fertility and Migration in India

CO-PO-PSO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	1	1	1	1		1		2	1	1	1		2	2	2
CO2	2	2	1	2	2		1		2	1	2	1		2	2	2
CO3	2	1	1	1	1		1	1	2	2	1	1		2	2	2
CO4	2	1	1	1	1		2	1	2	1	2	2		2	2	2
CO5	1	2	2	1	1		1		1	1	1	1		1	1	1
CO6	2	1	1	1	1		1		2	1	2			1	2	1

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated-

Course code	**: ECOGE401**			
Course Name	**: International Economics**			
Semester /Year	**: IV Semester**			
	L	**T**	**P**	**C**
	4	**0**	**0**	**4**

L - Lecture T – Tutorial P – Practical C – Credit

Course Objective:

The objectives of this course are:

1. To understand the broad principles of international trade.
2. To know about the theories of the free flow of trade in goods, services and capital.
3. To explain the impact of the trade policies followed at the national and international levelsas also their welfare implications for the economies.
4. To understand the economies of scale, tariff and non-tariff barriers in international trade.

Course Contents:

Unit 1:

Theories of international trade: Absolute and Comparative cost advantage theory. Opportunitycost theory; Law of Reciprocal demand: Offer curve analysis.

Unit 2:

Modern theories of international trade: Heckscher-Ohlin theorem, Leontief Paradox, Factor-price equalization theorem; Kravis.

Unit3:

Effects of economic growth on international trade; Measurement of Gains from Trade and their Distribution; Terms of Trade: Concepts, their uses and limitations.

Unit 4:

Free Trade versus Protection; Tariffs, Quotas and Non-Tariffs Barriers: Economics

Effects of Tariffs and Quotas on National Income, Output and Employment.

Reference Books:

1. Bhagwati, J. (Ed.) (1981), International Trade, Selected Readings, Cambridge, University Press, Massachusetts.
2. Carbough, R.J. (1999), International Economics, International Thompson Publishing, New York.
3. Chacholiades, M. (1990), International Trade :Theory and Policy, McGrawHill, Kogakusha, Japan.
4. Dana, M.S. (2000), International Economics : Study, Guide and Work Book,(5th Edition), Routledge Publishers, London.
5. Krugman, P.R. and M. Obstfeld (1994), International Economics : Theory and Policy, Glenview, Foresman.
6. 11. Soderston, Bo (1991), International Economics, The Macmillan Press Ltd., London
7. Dunn, R.M. and J.H. Mutti (2000), International Economics, Routledge, London Kenen, P.B. (1994),
8. The International Economy, Cambridge University Press, London Kindle berger.
9. C.P. (1973), International Economics, R.D. Irwin, Homewood
10. King, P.G. (1995), International Economics and International Economic Policy : A Reader, McGraw Hill International, Singapore.
11. Salvatore,D.(1997),International Economics, Prentice Hall Upper Saddle River,N.J.,NewYork.

Upon successful completion of the course, student will be able to-

CO1	Recall the international trade theories, Effects of economic growth on international trade and Free Trade versus Protection.
CO2	Explain modern theories of international trade, Opportunitycost theory, Law of Reciprocal demand, and Offer curve analysis.
CO3	Explain Modern theories of international trade.
CO4	Describe the Tariffs, Quotas and Non-Tariffs Barriers.
CO5	Conclude Measurement of Gains from Trade andtheir Distribution, Terms of Trade, Concepts, their uses and limitations.
CO6	Express the Output and Employment.

CO-PO-PSO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	2	1	1	1	1	1	1	2	1	1	1	2	1	1	
CO2	2	1	1	1	2	1	2	1	2	2	2	2	2	1	1	
CO3	2	1	1	1	1	1	1	1	2	1	1	1	2	1	1	
CO4	2	2	1	1	2	1	1	1	2	2	2	2	2	2	1	
CO5	2	2	1	1	1	2	1	2	1	1	1	1	1	1	2	
CO6	2	2	1	1	2	1	2	1	1	1	1	1	2	1	3	

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Course code	**: ECOSC401**
Course Name	**: Uses of Computer in Economics**
Semester /Year	**: IV th Semester**

	L	T	P	C
	2	0	0	2

L - Lecture T – Tutorial P – Practical C – Credit

Course Objectives:

The objectives of this course are:

1. To know the use of computer technology for developing effective business communication skills and for assisting in his/her research work.
2. To learn how to write Business Correspondence.
3. To Plan, design and present presentation.
4. To create Resume.

Course Contents:

Unit I

Office applications and Internet: Word Processing: Its main elements, Opening Documents and Closing documents, Text Creation and Manipulation, Formatting the Text, Table Manipulation; Electronics Spread Sheet: Its main elements, Data management on spreadsheet, providing Formulas; Power point: Creation of Presentation, Preparation of Slides; WWW and Web Browsers; Surfing the Internet; Basic of electronic mail, Using Emails, Document handling.

Unit II

Business Correspondence: Letter Writing, presentation, inviting quotations, sending quotations, placing orders, inviting tenders, Sales letters, claim & adjustment letters and social correspondence, Memorandum, Inter -office Memo, Notices, Agenda, Minutes, Job application letter, preparing the Resume.

Reference Books:

1. Lesikar, R.V. &Flatley, M.E.; Basic Business Communication Skills for Empowering the Internet Generation, Tata McGraw Hill Publishing Company Ltd. New Delhi.
2. Bovee, and Thill, Business Communication Today, Pearson Education
3. Shirley Taylor, Communication for Business, Pearson Education
4. Locker and Kaczmarek, Business Communication: Building Critical Skills, TMH
5. Sinha, K.K., Business Communication, Galgotia and Sons, New Delhi.

Course Outcomes:

Upon successful completion of the course, student will be able to-

CO1	Define the usage of computers and how computers are essential components in learning whether business or society.
CO2	Interpret the PPT presentation, internet surfing and organize data management.
CO3	Select the use of words to produce professional documents.
CO4	Format business correspondence with the help of computer applications.
CO5	Evaluating the data handling efficiently
CO6	Create and format spreadsheet to carry out inferential statistical analysis using data analysis tool to graphically displaying the result.

CO-PO-PSO Mapping

Course	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO10	PO11	PO12	PSO 1	PSO 2	PSO 3	PSO 4
CO1	2	2		2	2	2	2	2	2	2	2	3	2		2	
CO2	2	1		3	3	1	3	3	2	3	3	3	2		2	
CO3	2	2		2	2	1	2	2	3	2	3	2	1		2	
CO4		1				1					2	2 2		1		1
CO5	2	1		1	1	1	1	1	2	1	2	3	1		1	
CO6	2	2		2	2	1	2	2	2	2	2	2	2		2	

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Bachelor of Arts

Fifth Semester

Course code	:	**ECONOMIC 501**			
Course Name	:	**Economic Development and Policy in India–I**			
Semester /Year	:	**V Semester**			
		L	**T**	**P**	**C**
		04	**0**	**0**	**04**

L - Lecture T – Tutorial P – Practical C – Credit

Course Objectives:

The objectives of this course are:

1. To manifest various issues in growth and development.
2. To understand capital formation.
3. To articulate demographic trends and employment structure in organized and unorganizedsector.
4. To study poverty inequality and internal finance.

Course Contents:

Unit 1

Issues in Growth, Development and Sustainability

Unit 2

Factors in Development: Capital formation (Physical and Human); technology; institutions.

Unit 3

Population and Economic: Demographic trends and urbanization.

Unit 4

Employment: Occupational structure in the organized and the unorganized sectors; open-, under and disguised unemployment (rural and urban); employment schemes and their impact.

Unit 5

Indian Development Experience: Critical evaluation of growth, inequality, poverty and competitiveness, pre and post reforms era; savings and investment; mobilization of internal and external finance; monetary and fiscal policies; centre-state financial relations.

eference Books:

1. Michael P Todaro and Stephen Smith. Economic Development, Pearson, 11th edition (2011)
2. Uma Kapila, Indian Economy since Independence, Academic Foundation, 19th edition (2009).
3. United Nations Development Programme, Human Development Report 8 2010, Palgrave Macmillan (2010).
4. Government of India, Economic Survey (latest)
5. Government of India, Five Year Plan (latest)
6. Government of India, Finance Commission Report (latest)

Course Outcomes (COs):

Upon successful completion of the course, student will be able to-

CO1	Describe the Issues in Growth, Factors in Development , Population and Economic Development, Employment and Indian Development Experience.
CO2	Explain Development, Sustainability , Capital formation (Physical and Human); technology, institutions, Demographic trends and urbanization
CO3	Determine the Occupational structure in the organized and the unorganized sectors unemployment (rural and urban)employment schemes.
CO4	Analyze Critical evaluation of growth, inequality, and poverty
CO5	Summarize the monetary and fiscal policies.
CO6	Write about the pre and post reforms era; savings, investment, mobilization of internal and external finance and centre-state financial relations

CO-PO-PSO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3	PS O4
CO1	2	2		2	2	3	2	1	2	2	2	1	2		2	2
CO2	2	2		3	3	2	3	3	2	3	3	1	2		1	1
CO3	2	2		1	1	2	1	2	1	2	2	1	2	1	2	1
CO4	2	2		2	2	3	2	1	2	2	2	2	1	2	1	1
CO5	2	1		3	2	2	2	2	1	2	3	1	3		1	2
CO6	2	1		1	1	1	1	2	1	3	2	1	1		1	2

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Course code	**: ECODC-502**
Course Name	**: ~~Monetary Economics~~** Public Finance
Semester /Year	**: V Semester**

	L	T	P	C
	4	0	0	4

L - Lecture T – Tutorial P – Practical C – Credit

Course Objective:

The objectives of this course are:

1. To understand Public Finance.
2. To explain public budget and public expenditure.
3. To define public taxation.
4. To make understand public debt.

Course Contents:

Unit 1:

Introduction of Public Finance: Meaning of Public Finance, Nature & Scope of public Finance, Public Good- Pure and impure public goods, social goods, merit goods, free riding, Market Failureand Externalities

Unit 2:

Public Budget and Public Expenditure: Meaning of Public Budget, Classification of budgets, Budget Deficit

Meaning of Public Expenditure, Canons of Public Expenditure, Causes and effect of Public Expenditure

Unit 3:

Public Taxation: Meaning of Public Taxation, Approaches of taxation, classification of Taxes, incidence and shifting of Taxation

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Unit 4:

Public Debt: Meaning of Public Debt, Classification of Public Debt, Sources of Public Debt, Advantage and disadvantage of public debt,

Reference Books:

1. Musgrave, R.A. and P.B. Musgrave, *Public Finance in Theory and Practice*, Mc-Graw Hill, 1989.
2. Mahesh Purohit , "*Value Added Tax: Experience of India and Other Countries*", Gayatri Publications, 2007.
3. Kaushik Basu, and A. Maertens (ed.), *The Oxford Companion to Economics in India,* OxfordUniversity Press,2007.
4. M.M Sury, Government Budgeting in India, Commonwealth Publishers, 1990.
5. Shankar Acharya, "Thirty years of tax reform" in India, *Economic and Political Weekly,* May 2005.
6. Government of India, *Report of the 13thFinance Commission.*
7. *Economic Survey*, Government of India (latest).
8. State Finances: A Study of Budgets, *Reserve Bank of India* (latest).

Course Outcomes:

Upon successful completion of the course, student will be able to-

CO1	Describe the Introduction of Public Finance, Public Budget, Public Expenditure, Public Taxation and Public Debt.
CO2	Understand different types of Goods, Market Failure, Externalities, Classification of budgets and Public Expenditure
CO3	Explain Taxation and Public Debt.
CO4	Compare Canons of Public Expenditure, Causes, and Approaches of taxation, classification of Taxes, incidence and shifting of Taxation.
CO5	Evaluate the Public expenditure causes and effect of Public Expenditure.
CO6	Enumerate Different concept of debt advantages and disadvantages.

CO-PO-PSO Mapping

Course	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO3	PSO4
CO1	3	1			2	2	3	2	1	2	2	2	2	2		
CO2	2	2	1	1	2	2	2	3	2	2	2	2	2	2		2
CO3	2	2	1		2	2	2	2	2	2	2	2	2	2		2
CO4	2	2	1		2	2	3	2	2	2	2	2	1	2		1
CO5	3	2			2	1	2	3	1	1	1	1	2	1		
CO6	2	2	2		2	2	1	2	2	2	2	2	2	1		

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Course code	**: ECOGE501**				
Course Name	**: Basics of Agricultural Economics**				
Semester /Year	**: V Semester**				
	L	**T**	**P**	**C**	
	4	**0**	**0**	**4**	

L - Lecture T – Tutorial P – Practical C – Credit

Course Objectives:

The objectives of this course are

1. To understand the concept of Agricultural Economics and its role in Economic development.
2. To make them familiar with the growth of agriculture under plans and the land reforms.
3. To study the achievements, failure of green revolution and use of technology for sustainable agriculture.
4. To analyse the Problems and solutions of the food security system in India.

Course contents:

Unit 1:

Agricultural Economics: Nature and Scope; Role of Agriculture in Economic Development; Problems of transforming traditional agricultural; Organic farming: status &Future scope.

Unit 2:

Agriculture Growth under the Plans: Overall trends and Inter-regional Variations; Land Reforms: Measures and their progress.

Unit 3:

Green Revolution: Achievements and failures; Agriculture Development and Technological Progress: Indigenous and Bio-Technological Practices for Sustainable Agriculture.

Unit 4:

Food Security in India: Problems and solutions, Public Distribution system in India.

Reference Book:

1. Drummond, HE and Goodwin,JW.,AgriculturalEconomics,StandardBookDistributingHouse, 2004.
2. Eicher, Carl and Lawrence Witt, Agriculture in Economic Development, McGraw Hill Book Company, 1964.
3. Khusro, A. M., Readings in Agricultural Development, New Delhi: Allied Publishers Pvt. Ltd.
4. Mellor W. Hohn, The Economics of Agricultural Development, Mumbai: Vora and Co Publishers PVt. Ltd.
5. Ruddar Datt, K.P.M. Sundharam, 2008, Indian Economy, S.Chand publication, New Delhi.
6. Rudra Ashok, Indian Agricultural Economics: Myths and Realities, New Delhi.

Course outcomes (COs):

Upon successful completion of the course, student will be able to-

CO1	Describe the Agricultural Economics, Agriculture Growth under the Plans , Green Revolution and Food Security in India.
CO2	Interpret the trends of agriculture growth, Problems of transforming traditional agricultural, Organic farming, status &Future scope.
CO3	Explain the Green Revolution , Agriculture Development, Technological Progress Indigenous and Bio-Technological Practices for Sustainable Agriculture.
CO4	Classify the Problems and solutions of Public Distribution system in India.
CO5	Express the food Security in India.
CO6	Write the various land reforms, measures and their progress.

CO-PO-PSO Mapping

Course	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO11	PO12	PSO 1	PSO 2	PSO 3	PSO 4
CO1	2	2	1	1	1	1		1	2	1		1	2	1		1
CO2	2	2	1	1		1		2	1	1		1	2	2		1
CO3	2	2	1	1		1		1	2	1			2	1		1
CO4	2	2	2	1		1	1	1	1	1		1	2	2		1
CO5	2	2	1	1		1			1	1			2	2		1
CO6	2	2	1	1					1	1		1	2	1		1

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Course code	**: ECODE501**				
Course Name	**: Development Planning**				
Semester /Year	**: V Semester**				
		L	**T**	**P**	**C**
		4	**0**	**0**	**4**

L - Lecture T – Tutorial P – Practical C – Credit

Course Objectives:

The objectives of this course are

1. Various types of Economic Planning
2. Different aspects of Cooperative Movement
3. Different aspects of Agriculture Marketing
4. Role of National and International Agencies in Agriculture.

Course Contents:

Unit 1:

Economic Planning: Meaning, Need, objectives, limitations; Process of Plan formation, requisites for successful planning; Types of planning, Planning under capitalism and socialism; Planning in a mixed economy

Unit 2:

Planning and Market mechanism: Difference between planned and market economies; Role and nature of prices in planned economies, Capital-Output Ratio; Choice of techniques

Unit 3:

Project planning: Formulation and implementation of project, problems in project planning; Project evaluation: Project profitability analysis; Cost-benefit analysis.

Unit 4:

Models in Indian Plan: From first to Ninth five year plan; factors leading to the option of different models in different five year plans; Instruments of Indian Planning: Direct controls, Indirect controls, redefining the role of the state.

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Unit-5

Economic Development of Uttarakhand: Uttarakhand Economic Development, Uttarakhand Social and Economic Development, Human Development

Reference Books:

1. Bhagwati, J. and P. Desai (1970), India: Planning for Industrialization,Oxford University Press, London.
2. Brahmananda, P.R. and C.N. Vakil(1956), Planning for an Expanding Economy, Vora and Co., Bombay.
3. Chakravarti, S. (1987), Development Planning: The Indian Experience,Clarendon Press, Oxford.
4. Gupta, S.P.(1989),Planning and Development in India ; A Critique, AlliedPublishers Private Limited, New Delhi.
5. Krishnamachari, V.T. (1962); Fundamental of Planning in India, OrientLongmans, Bombay.
6. O.S Shrivastava (1996), Economics of Growth, Development and Planning,Vikas Publishing house Pvt. Ltd, Delhi.

Course outcomes (COs):

Upon successful completion of the course, student will be able to-

CO1	Explain the Economic Planning, Types of planning, Market mechanism and Project planning
CO2	Describe the Difference between planned and market economies, explain the Development planning models and Project evaluation
CO3	Illustrate the Models in Indian Plan and Economic Development of Uttarakhand
CO4	Classify the Role and nature of prices in planned economies, Cost-benefit analysis.
CO5	Evaluate the problems in project planning and Direct controls, Indirect controls, redefining the role of the state.
CO6	Write about the Social, Economic Development, Human Development, Role and nature of prices in planned economies

CO-PO-PSO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	1	1	1	2	1	1		2	1	1	1	2	1		2
CO2	2	1	1	1	1	1	1		2	1	2	1	2	2		2
CO3	2	1	1	2	1	1	1		2	2	1	2	2	1		2
CO4	2	2	2	1	1	1	1		2	2	2	1	2	2		2
CO5	2	1	2	1	1	1	1		2	1	1	1	2	2		2
CO6	1	2	1	1	1	1	1		1	2	2	1	1	1		2

3: Highest Correlated, 2: -Medium Correlated, 1: Lowest Correlated

Course code	**: ECODE 501**				
Course Name	**: History of Economic Thought**				
Semester /Year	**: V Semester**				
		L	**T**	**P**	**C**
		4	**0**	**0**	**4**

L - Lecture T – Tutorial P – Practical C – Credit

Course Objectives:-

The objectives of this course are

1. Various thoughts of pre -classical economist
2. Various thoughts of socialist economist
3. Various thoughts of Neo-classical economist
4. Various thoughts of modern economist

Course Contents:

Unit 1:

Pre-Classical Thought: Mercantilism and Physiocracy; Classicism: Adam Smith, J.B. Say, Ricardo, J.S. Mill, Malthus

Unit 2:

Socialist Thought: Sismondi, Saint-Simon; Marxian Philosophy: Dialectical Materialism and Historical Materialism. Marxian theories of value, surplus value, profit and crisis of capitalism

Unit 3:

Neo-Classical Thought: Keynesian and Post Keynesian development in Economics thought.

Unit 4:

Modern Indian Economic Thought.

ence Books:

1. Dasgupta, A.K.(1985), Epochs of Economic Theory, Oxford university Press New Delhi.
2. Ekelund, R.B. and R. Herbett (1983), A History Economic Theory andMethod. McGraw Hill, London.
3. Gide, Cand G. Rst(1956) A History of Economics Doctrines George G,. Harrap and Co., London.
4. Gupta, J.N.ed.,(1971), R. C. Dutt-Life and works, London.
5. Kautilya(1951), Arthaqshastra tr. By R. Shayama Sastry, Rernond Priniting Press, Mysore.

Course outcomes (COs):

Upon successful completion of the course, student will be able to-

CO1	Describe the origin and development of economic ideas and their inter-relations.
CO2	Understand the classical, neo-classical and modern economic thoughts.
CO3	Explain the contributions of the Classical writers, such as Adam Smith, David Ricardo, Thomas Robert Malthus and John Stuart Mill.
CO4	Compare the various economic thoughts.
CO5	Ability to take a critical account of the reactions against Classical Economics.
CO6	Write the reasons for the changes in the thoughts of economics

CO-PO-PSO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	1	1				1		2	1			2			2
CO2	2	2	1				2		2	2			1			2
CO3	2	1	1				1		2	2			2			2
CO4	2	2	1			1	1		2	1			1			2
CO5	2	1	1				2		1	2			1			1
CO6	2	2	2				1		2	1			2			2

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Skill Enhancement Course

Course code	**: ECOSC 501**
Course Name	**: Understanding Economic Survey and Union Budget**
Semester /Year	**: V Semester**

	L	T	P	C
	2	0	0	2

L - Lecture T – Tutorial P – Practical C – Credit

Course Objectives:

The objectives of this course are:

1. To familiarize students with basic concepts related to the Economic Survey and Union Budget.
2. To appraise the Capital receipts, revenue receipts; tax and non-tax revenue.
3. To enumerate government policies and decision-making.

Course Contents:

Unit 1:

Concepts: Fiscal policy, areas of government spending in India; Capital and revenue expenditure; plan and non-plan expenditures; Deficits (fiscal, primary, revenue), impact of fiscal deficits on the economy;

Unit 2:

Capital receipts, revenue receipts; tax and non-tax revenue; direct and indirect taxes; need for rationalization of tax structure; Goods and Services Tax (GST); Actual, revised and budget estimates; Zero-base budgeting; • Gender budgeting; Fiscal devolution and center-state financial relations

Unit 3:

The economic survey: Analysis of current and past policy emphasis. The union budget: Need for the budget; understanding the process of budget making in India; Analysis of fiscal and revenue deficits; Analysis of sources of revenue and expected growth in revenue; tax simplification, improvement in administration, expansion of tax net and other measures to improve revenue receipts;

Reference Books:

1. Chakraborty, P. (2015). Intergovernmental fiscal transfers in India: Emerging trends and realities. In P. Patnaik (ed.): Macroeconomics. Oxford University Press.

2. Reddy, Y. (2015). Continuity, change and the way forward: The fourteenth finance commission. Economic and Political Weekly, 50(21), 27- 36.

3. Teaching Learning Process Lectures and tutorials Assessment Methods Internal assessment and final examination as per CBCS rules Keywords Economic survey, union budget, government policy

Course outcomes (COs):

Upon successful completion of the course, student will be able to-

CO1	Remember the Fiscal policy revenue, Capital receipts, budget and analysis of expenditure.
CO2	Explain revenue receipt and different tax structure.
CO3	Demonstrate the process of different types of budgeting.
CO4	Analyze the fiscal and revenue Deficits
CO5	Evaluate the Gender budgeting; Fiscal devolution and center-state financial relations
CO6	Write the sources of revenue and expected growth in revenue. impact of fiscal deficits on the economy

CO-PO-PSO Mapping

Cours	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3	PSO 4
CO1	**3**	**2**		**2**	**2**	**3**	**2**	**2**	**2**	**2**	**2**	**1**	**2**	**2**		**1**
CO2	2	2		2	2	2	2	3	3	3	2	2	2	2		1
CO3	2	2			2	2	3	2	3	2	3	1	2	2		1
CO4	2	2		2	2	3	2	2	2	2	2	2	2	2		3
CO5	3	1		2	1	2	1	1	2	1	2	1	1	2		2
CO6	2	2		2	2	1	2	2	1	2	2	2	2	2		2

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

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Sixth Semester

Course code	**: ECODC-601**
Course Name	**: Economic Development and Policy in India-II**
Semester /Year	**: VI Semester**

	L	T	P	C
	4	0	0	4

L - Lecture T – Tutorial P – Practical C – Credit

Course Objectives:

The objectives of this course are:

1. To study different policies and performance of agriculture.
2. To understand the performance of industry and policies to develop the industrial sector.
3. To differentiate balance of payment of India and the role of World Trade organisation.

Course Contents:

Unit: 1.

Agriculture: Policies and Performance: Production and productivity; credit; labour; markets and pricing; land reforms; regional variations.

Unit: 2.

Industry: Policies and Performance; Production trends; small scale industries; public sector; foreign investment.

Unit: 3.

Foreign Trade: Trends and Policies; Balance of trade and balance of payments; India and the World Trade Organization.

Reference Books:

1. Uma Kapila, *Indian Economy since Independence*, Academic Foundation, 19th edition(2009).
2. Government of India, *Economic Survey* (latest)
3. Government of India, *Five Year Plan* (latest)

Course Outcomes:

Upon successful completion of the course, student will be able to-

CO1	Define the concept of Agriculture: Policies, Performance, and Industry: Policies and Foreign Trade.
CO2	Describe the Production, productivity labour; markets, pricing land reforms and regional variations.
CO3	Explain the Industry Polices small scale industries, public sector and foreign investment.
CO4	Compare India and WTO
CO5	Distinguish Balance of trade and balance of payment
CO6	Write the Foreign Trade Trends and Policies

CO-PO-PSO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	1		2	2	1	2	2	2	2	2	2	2	1		2
CO2	2	2		1	2	1	2	2	2	2	2	2	2	1		2
CO3	2	2		1	2	2	2	2	2	2	2	2	2	2		2
CO4	2	1		2	2	1	3	2	2	2	2	2	1	1		2
CO5	1	2		1	1	2	2	1	1	1	1	1	2	1		1
CO6	2	2		1	1	1	1	1	1	1	1	1	2	1		2

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

SHRI GURU RAM RAI UNIVERSITY

Course code	**: ECODC 602**			
Course Name	**: International Finance and Policy**			
Semester /Year	**: VI Semester**			
	L	**T**	**P**	**C**
	4	0	0	4

L - Lecture T – Tutorial P – Practical C – Credit

Course Objectives:

The objectives of this course are

1. Broad principles of international trade and balance of payment.
2. Theories to facilitate the Foreign Exchange.
3. International Organizations on the Economy.
4. The EXIM Policy.

Course contents:

Unit 1:

Balance of Trade and Balance of Payments-Meaning, Structure and Components Balanceof Payments Disequilibrium. Policies for Internal and External Balance-Fiscal and Monetary Policy under Fixed and Floating Exchange Rates.

Unit 2:

Functions of Foreign Exchange Market- Transfer of Purchasing Power, Provision of Hedging Facilities; Transactions in the Foreign Exchange Market- Spot, Forward and Exchanges, Futures,

Unit 3:

International Economic Organizations: International Monetary Fund; World Bank; International Development Association; International Finance Corporation Asian Development Bank.

Unit 4:

Recent EXIM policy; Role of MNCs in India. WTO provisions: TRIPS, TRIMS, GATSand their impact on the different sectors of Indian Economy.

Reference Books:

1. Aggarwal, M.R. (1979), Regional Economic Cooperation in South Asia, S. Chand andCo., New Delhi.
2. Bhagwati, J. (Ed.) (1981), International Trade, Selected Readings, Cambridge, University Press, Massachusetts.
3. Brahmananda, P.R. (1982), The IMF Loan and India's Economic Future, Himalaya Publishing House, Bombay.
4. Carbough, R.J. (1999), International Economics, International Thompson Publishing,New York.
5. Dana, M.S. (2000), International Economics : Study, Guide and Work Book, (5th Edition), Routledge Publishers, London.
6. Dunn, R.M. and J.H. Mutti (2000), International Economics, Routledge, London.
7. Grable, J.O. (1996), International Financial Markets, Prentice Hall, Englewood Cliffs,New York. Kenen, P.B. (1994), The International Economy, Cambridge University Press, London.

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Course outcomes (COs):

Upon successful completion of the course, student will be able to-

CO1	Familiar with the concepts of balance of trade, balance of payments, f Foreign Exchange Market, International Economic Organizations and EXIM policy
CO2	Describe Policies for Internal and External Balance-Fiscal and Monetary Policy under Fixed and Floating Exchange Rates. .
CO3	Explain the theory of balance of Payment and International Economic Organizations: .
CO4	Determine the rate of exchange, problems of the rate of exchange
CO5	Evaluate the WTO provisions: TRIPS, TRIMS, GATSand their impact on the different sectors of Indian Economy.
CO6	Write the role of MNCs in India Spot, Forward and Exchanges, Futures,

CO-PO-PSO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	1	1	1	1	1	1		1	1	1	1	2	1	1	
CO2	2	2	1		1	1	2		2	1	1	1	1	2	1	1
CO3	2	1	1	1	2	1	1		1		2	1	2	1	2	1
CO4	2	1	1	1	1	2	2		2	1	1	1	1	2	1	1
CO5	2	2	2	1	1	1	1		1		1	2	1	1	1	1
CO6	2	1	1	1	1	1	1		1	1	1	1	1	1	1	1

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlate

Course code	**: ECODC602**				
Course Name	**: International Finance and Policy**				
Semester /Year	**: VI Semester**				
		L	**T**	**P**	**C**
		4	**0**	**0**	**4**

L - Lecture T – Tutorial P – Practical C – Credit

Course Objectives:

The objectives of this course are

5. Broad principles of international trade and balance of payment.
6. Theories to facilitate the Foreign Exchange.
7. International Organizations on the Economy.
8. The EXIM Policy.

Course contents:

Unit 1:

Balance of Trade and Balance of Payments-Meaning, Structure and Components Balance of Payments Disequilibrium. Policies for Internal and External Balance-Fiscal and Monetary Policy under Fixed and Floating Exchange Rates.

Unit 2:

Functions of Foreign Exchange Market- Transfer of Purchasing Power, Provision of Hedging Facilities; Transactions in the Foreign Exchange Market- Spot, Forward and Exchanges, Futures.

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Unit 3:

International Economic Organizations: International Monetary Fund; World Bank; International Development Association; International Finance Corporation Asian Development Bank.

Unit 4:

Recent EXIM policy; Role of MNCs in India. WTO provisions: TRIPS, TRIMS, GATSand their impact on the different sectors of Indian Economy.

rence Books:

1. Aggarwal, M.R. (1979), Regional Economic Cooperation in South Asia, S. Chand and Co., New Delhi.
1. Bhagwati, J. (Ed.) (1981), International Trade, Selected Readings, Cambridge, University Press, Massachusetts.
2. Brahmananda, P.R. (1982), The IMF Loan and India's Economic Future, Himalaya Publishing House, Bombay.
3. Carbough, R.J. (1999), International Economics, International Thompson Publishing, New York.
4. Dana, M.S. (2000), International Economics : Study, Guide and Work Book, (5th Edition), Routledge Publishers, London.
5. Dunn, R.M. and J.H. Mutti (2000), International Economics, Routledge, London.
6. Grable, J.O. (1996), International Financial Markets, Prentice Hall, Englewood Cliffs, New York. Kenen, P.B. (1994), The International Economy, Cambridge University Press, London.
7. Kenen, P.B. (1995), Economic and Monetary Union in Europe, Cambridge University Press, UK. Kindleberger, C.P. (1973), International Economics, R.D. Irwin, Homewood.
8. King, P.G. (1995), International Economics and International Economic Policy : A Reader, McGraw Hill International, Singapore.

Course outcomes (COs):

Upon successful completion of the course, student will be able to-

CO1	Familiar with the concepts of balance of trade, balance of payments, Foreign Exchange Market, Economic Organizations and EXIM policy.
CO2	Describe Foreign Exchange Market.
CO3	Explain the International Economic Organizations.
CO4	Determine the rate of exchange, problems of the rate of exchange
CO5	Evaluate the WTO provisions: TRIPS, TRIMS, GATSand their impact on the different sectors of Indian Economy
CO6	Write the role of MNCs in India, Spot, Forward and Exchanges, Futures.

CO-PO-PSO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	1	1	1	1	1	1		1	1	1	1	2	1	1	
CO2	2	2	1		1	1	2		2	1	1	1	1	2	1	1
CO3	2	1	1	1	2	1	1		1		2	1	2	1	2	1
CO4	2	1	1	1	1	2	2		2	1	1	1	1	2	1	1
CO5	2	2	2	1	1	1	1		1		1	2	1	1	1	1
CO6	2	1	1	1	1	1	1		1	1	1	1	1	1	1	1

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlate

Course code	**: ECOGE-601**				
Course Name	**:Fundamental of Agricultural Economics**				
Semester /Year	**: VI Semester**				
		L	**T**	**P**	**C**
		4	**0**	**0**	**4**

L - Lecture T – Tutorial P – Practical C – Credit

Course Objectives:

The objectives of this course are

1. Various source of agriculture finance
2. Different aspects of Cooperative Movement
3. Different aspects of Agriculture Marketing
4. Role of National and International Agencies in Agriculture.

Course Contents:

Unit 1:
Agriculture Finance in India: Importance, Institutional and Non-Institutional sources, Existing Credit Delivery System – Structure, problems and remedies

Unit 2:
Cooperative Movement in India: Problems and prospects of Cooperative Institutions for agriculture credit

Unit 3:
Agricultural Marketing: Market Structure and Problems, Regulated Markets, Warehousing, Taxation and Crop insurance; Agricultural Price Policy – Objectives, Instruments and Evaluation, Minimum Support Price, Fair Price shop, Fixation of Maximum Price, Maximum Price Policy.

Unit 4:
Role of National & International Agencies in Indian Agriculture: Agro-Subsidies in India; Industrial Trade in Agricultural Commodities: Commodity Agreements Issues in Liberalization of Domestic and International Trade in Agriculture, Role of NABARD, Agricultural Prices Commission and CACP; Role of WTO and MNCs in Agriculture.

Reference Books:

1. Drummond, H E and Goodwin, JW., Agricultural Economics, Standard Book Distributing House.
2. Eicher, Carl and Lawrence Witt, Agriculture in Economic Development,Mc Graw Hill Book Company.
3. Mellor W. Hohn, The Economics of Agricultural Development, Mumbai: Voraand Co Publishers PVt. Ltd.
4. RuddarDatt, K.P.M. Sundharam, 2008, Indian Economy, S.Chand publication,New Delhi
5. Rudra Ashok, Indian Agricultural Economics: Myths and Realities, New Delhi: Allied Publishers Pvt. Ltd. 1982.
6. Joshi P C., Land Reforms in Indina: Trends and Perspective, New Delhi;Allied Publishers.
7. Kahlon, A Sand Karam Singh, Managing Agricultural Finance: Theory andPractice, New Delhi: Allied Publishers Pvt. Ltd .
8. Khusro, A. M., Readings in Agricultural Development, New Delhi: AlliedPublishers Pvt. Ltd.
9. Tyagi, B P Agricultural Economics and Rural Development, 1989
10. Handbook on Agriculture, 2021

Course outcomes (COs):

Upon successful completion of the course, student will be able to-

CO1	Define the Agriculture Finance, Cooperative Movement, Agricultural Marketing, Role of National & International Agencies in Indian.
CO2	Describe Problems and prospects of Cooperative Institutions for agriculture credit and Agricultural Price Policy.
CO3	Explain the policies for pricing, marketing of agricultural products, Market Structure, Problems, Taxation and Crop insurance.
CO4	Analyze the Agro-Subsidies, Industrial Trade in Agricultural
CO5	Evaluate the Role of NABARD, Agricultural Prices Commission and CACP.
CO6	Write the Role of WTO and MNCs in Agriculture challenges facing agriculture in international trade negotiations.

CO-PO-PSO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO
CO1	2	2	1	1	1		1		2	1	1	1	1	1		2
CO2	2	1	1	1	2	1	2		2	1	1	1	1	1		2
CO3	2	2	1	2	1		1		2	1	1	1	1	1		2
CO4	2	1	2	1	1	1	2		2	1	1	1	1	1		2
CO5	2	2	1	1	1		1		2	1	1	1	1	1		2
CO6	2	1	1	2	1		2			1	2	1	1	1		

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated-

Skill Enhancement

Course code	**: ECODE601**
Course Name	**: Data Analysis**
Semester /Year	**: VI Semester**

	L	T	P	C
	4	0	0	4

L - Lecture T – Tutorial P – Practical C – Credit

Course Objectives

1. To learn about the collection and presentation of data.
2. To classify correlation, Regression and probability.
3. To enumerate index numbers.

Course Content

Unit 1:

Introduction to Statistics

Basic concepts, definitions, Advantage and disadvantage in collecting statistics; Meaning of data,frequency distribution, cumulative frequency, graphic and diagrammatic representation of data, techniques of data collection, primary and secondary data, Sources of data.

Unit 2:

Sampling Techniques

Meaning of Sample, Principle Steps in a Sample Survey, sampling vs. population Types of Sampling –Random sampling and non-random sampling and its different types, Problems in collecting sample.

Unit 3:

Measures of Central Tendency

Meaning and Application of Mean, median and mode; arithmetic, geometric and harmonic mean;Measures of dispersion, skewness and kurtosis

Unit 4:

Correlation and Regression

Meaning and types of correlation, Coefficient of correlation – Karl Pearson and Rank correlation,Regression – linear and two regression equations

Unit 5:

Time Series and Index Numbers

Time series analysis- concept and components, measurement of trend, determination of seasonal variations; Index numbers- concept, methods of constructing index numbers (Laspeyers, Paaches and Fishers index, Simple Index method, Chain index numbers), Problems in construction and limitation ofindex numbers.

Text Books:

1. P.H. Karmel and M. Polasek (1978), *Applied Statistics for Economists*, 4th edition, Pitman.
2. M.R. Spiegel (2003), *Theory and Problems of Probability and Statistics* (Schaum Series).

Course Outcomes:

Upon successful completion of the course, student will be able to,

CO1	Define the Introduction to Statistics, Sampling Techniques, Measures of Central Tendency, Correlation and Regression and Time Series and Index Numbers
CO2	Interpret sampling techniques and measurement of central tendency.
CO3	Explain the Correlation and the Regression
CO4	Analyse the Sampling Techniques
CO5	Evaluate the Concept and measurement of Time Series
CO6	Write Index Numbers methods and problems

CO-PO-PSO Mapping

urs	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO10	PO11	PO12	PSO 1	PSO 2	PSO3	PSO4
01	2	2	2	1	1	3	2	3	3	2	2	2	3		3	
02	3	3	3	1	2	3	2	3		3	3	3	3		3	
03	2	3	3	1	2	3	2	3	3	3	3	3	2		2	
04	3	3	3	2	2	3	1	3	3	3	3	3	2		2	
05	2	2	2	1	2	2	1			2	2	2	2		2	
06	2	2	2	1	1	1	1			2	2	2	2		2	

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

[redacted]

Course code	**: ECODE601**
Course Name	**: Consumer Economics**
Semester /Year	**: VI Semester**

	L	T	P	C
	4	0	0	4

L - Lecture T – Tutorial P – Practical C – Credit

Course Objectives: The objectives of this course are:

1. To learn about the concept of needs and concept of consumption.
2. To learn about income, expenditure, consumer buying habits and advertisement.
3. To know about main taxes in India.

Course Contents

Unit 1

Consumption – meaning, definition, characteristics and importance, Symptoms of Consumption, Standard of living and measure of consumption

Needs – definition, classification, factors affecting and characteristics

Unit 2

Income and expenditure of consumer

Budget – definition, importance, types and steps in planning a budget

Unit 3

Consumer buying habits

Advertisements – meaning, definition, types, advantages, disadvantages, techniques.

Consumer credit – meaning, need, types and sources

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Unit 4

Introduction to tax and their kinds.

Main taxes in India

Income tax – meaning, characteristics, definition and importance

References:

1. Upbhokta Arthshashtra,Karuna Sharma,Manju Patni and Deepak Agarwal, Shiva,Prakashan Indore.
2. Parivarik Vit evam Upbhokta Shiksha,Karuna Sharma,Sandhya Sharma and Deepak Agarwal,Shiva Prakashan Indore.

Course Outcomes (COs):

Upon successful completion of the course a student will be able to:

CO1	Define consumption , Income and expenditure of consumer
CO2	Explain importance, Symptoms Consumption, Standard of living and describe the factors affecting
CO3	Enlist and explain the different types of budget and steps for making the budget.
CO4	Analyze the knowledge related to consumer buying habits, advertisements.
CO5	Evaluate the knowledge related to consumer economics
CO6	Write about main taxes in India.Elaborate on consumer credit.

CO-PO, PSO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO 10	PO 11	PO 12	PSO1	PSO2	PSO3	PSO4
CO1	2	-	-	1	-	-	-	-	2	-	2	2	2	-	-	-
CO2	2	-	-	1	-	-	-	-	2	-	2	2	2	-	-	-
CO3	2	-	-	1	-	-	-	-	2	-	2	2	2	-	-	2
CO4	2	-	-	1	-	-	-	-	2	-	2	2	2	-	-	-
CO5	2	-	-	1	-	-	-	-	2	-	2	2	2	-	-	2
CO6	2	-	-	1	-	-	-	-	2	-	2	2	2	-	-	2

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

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Course code	**: ECOSC601**
Course Name	**: Entrepreurship and Small Business Development**
Semester /Year	**: VI Semester**

	L	T	P	C
	2	0	0	2

L - Lecture T – Tutorial P – Practical C – Credit

Course Objectives:

The objectives of this course are:

1. To understand the basic knowledge of starting new ventures.
2. To gain knowledge about the formulation and planning of projects.
3. To make them familiar with knowledge of institutions which help in the development of small business.

Course Outline

Unit 1

Establishing a small enterprise: The start up process, project identification, selection of the product, project formulation, Project Report Preparation; Specimen of Project Report, assessment of project feasibility, analysis's of project, Project Planning and Scheduling using Networking Techniques of PERT / CPM preparation of project report, selection of site/location and legal considerations

Unit 2

Small Enterprises and Enterprise Launching Formalities : Definition of Small Scale; Rationale; Objective; Scope; SSI; Registration; NOC from Pollution Board; Machinery and Equipment Selection

Unit 3

Role of Support Institutions and Management of Small Business : Director of Industries; DIC;SIDO; SIDBI; Small Industries Development Corporation (SIDC); SISI; NSIC; NISBUD; State Financial Corporation SIC.

Reference Books:

1. Desai, Vasant (2003). Small-Scale Industries and Entrepreneurship. Himalaya Publishing House, Delhi.

2. Kaulgud, Aruna (2003). Entrepreneurship Management. Vikas Publishing House, Delhi. 38

3. Cynthia, L. Greene (2004). Entrepreneurship Ideas in Action. Thomson Asia Pvt. Ltd., Singapore.

Course Outcomes:

Upon successful completion of the course, student will be able to:

CO1	List the a small enterprise, Small Enterprises and Enterprise Launching Formalities Role support and management of small business.
CO2	Identify the Small Enterprises and Enterprise Launching Formalities Scope of SSI,Registration, NOC from Pollution Board, Machinery and Equipment Selection
CO3	Explain the Role of Support Institutions and Management of Small Business the small enterprises.
CO4	Differentiate the machine and equipment selection
CO5	Evaluating the Role support and management of small business.
CO6	Planning the project and scheduling using networking techniques.

CO-PO-PSO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	2	1	1	1		1		2	1	1	1	1	1		2
CO2	2	1	1	1	2	1	2		2	1	1	1	1	1		2
CO3	2	2	1	2	1		1		2	1	1	1	1	1		2
CO4	2	1	2	1	1	1	2		2	1	1	1	1	1		2
CO5	2	2	1	1	1		1		2	1	1	1	1	1		2
CO6	2	1	1	2	1		2			1	2	1	1	1		

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated-

RAK