INDIRA GANDHI UNIVERSITY, MEERPUR-REWARI

DEPARTMENT OF ECONOMICS

(A State University Established under Haryana Act No 29 of 2013)
Recognized u/s 12 (b) & amp; 2(f) of UGC Act, 1956

Structure, Scheme of Examination and Syllabi (Semester I, II, III & IV) for the Subject of Economics
Choice-Based Credit System (CBCS-LOCF) in accordance with NEP-2020 with Multiple Entry/Exit System
w.e.f. 2024-25

List of Courses Offered in Subject of Economics for UG Programmes – Multidisciplinary (Scheme A), Major in Economics & Minor in Other Subject (Scheme B) and Single Major in Economics (Scheme C)

Sem	Course Type	Course Code	Name of Course	Credits	Contact Hours per Week	Internal AssessmentMarks	End Term Exam Marks	Total Marks	Duration of Exam(Hrs.)
I	CC-1 MCC- 1	24L4.5-ECO-101	MICRO ECONOMICS-I	4	4	30	70	100	3
I	MCC-2	24L4.5-ECO-102	BASIC PUBLIC FINANCE	4	4	30	70	100	3
I	CC-M1	24L4.5-ECO-103	INTRODUCTORY ECONOMICS	2	2	15	35	50	3
I	MDC-1	24L4.5-MDC-ECO-101	BASICS OF ECONOMICS	3	3	25	50	75	3
II	CC-2 MCC-3	24L4.5-ECO-201	MACRO ECONOMICS-I	4	4	30	70	100	3
II	DSEC-1	24L4.5-ECO-202	ECONOMIC SURVEY TECHNIQUES	4	5	30	70	100	3
II	CC-M2	24L4.5-ECO-203	INTRODUCTION TO INDIAN ECONOMY	2	2	15	35	50	3
II	MDC-2	24L4.5-MDC-ECO-201	INDIAN ECONOMIC ENVIRONMENT	3	3	25	50	75	3
III	CC-3 MCC-4	24L5.0-ECO-301	MICRO ECONOMICS-II	4	4	30	70	100	3
III	MCC-5	24L5.0-ECO-302	BASIC STATISTICS FOR ECONOMICS	4	4	30	70	100	3
III	MDC-3	24L5.0-MDC-ECO-301	CURRENT ISSUES IN GLOBAL ECONOMY	3	3	25	50	75	3
IV	CC-4 MCC-6	24L5.0-ECO-401	MACRO ECONOMICS-II	4	4	30	70	100	3
IV	MCC-7	24L5.0-ECO-402	ADVANCED STATISTICS FOR ECONOMICS	4	4	30	70	100	3
IV	MCC-8	24L5.0-ECO-403	INDIAN FINANCIAL SYSTEM	4	4	30	70	100	3
IV	DSE-1	24L5.0-ECO-404	INDUSTRIAL ECONOMICS	4	4	30	70	100	3
			OR						
IV	DSE-1	24L5.0-ECO-405	MONEY & BANKING	4	4	30	70	100	3

Sem	Course Type	Course Code	Name of Course	Credits	Contact Hours per Week	Internal Assessment Marks	End Term Exam Marks	Total Marks	Duration of Exam (Hrs.)
V	CC-5 MCC-9	24L5.5-ECO-501	ECONOMICS OF GROWTH & DEVELOPMENT	4	4	30	70	100	3
V	MCC-10	24L5.5-ECO-502	DEMOGRAPHY	4	4	30	70	100	3
V	DSE-2	24L5.5-ECO-503	ECONOMICS OF INFRASTRUCTURE	4	4	30	70	100	3
			OR						
V	DSE-2	24L5.5-ECO-504	ECONOMICS OF AGRICULTURE	4	4	30	70	100	3
V	DSE-3	24L5.5-ECO-505	FINANCIAL ECONOMICS	4	4	30	70	100	3
			OR						
V	DSE-3	24L5.5-ECO-506	HARYANA ECONOMY	4	4	30	70	100	3
VI	CC-6 MCC-11	24L5.5-ECO-601	INDIAN ECONOMY	4	4	30	70	100	3
VI	MCC-12	24L5.5-ECO-602	ECONOMICS OF LABOUR	4	4	30	70	100	3
VI	DSE-4	24L5.5-ECO-603	COMPUTER APPLICATIONS IN ECONOMICS	4	5	30	70	100	3
			OR						
VI	DSE-4	24L5.5-ECO-604	ECONOMICS OF INSURANCE	4	4	30	70	100	3
VI	DSE-5	24L5.5-ECO-605	GENDER ECONOMICS	4	4	30	70	100	3
			OR						
VI	DSE-5	24L5.5-ECO-606	WELFARE ECONOMICS	4	4	30	70	100	3
VII	CC-H1	24L6.0-ECO-701	MATHEMATICS FOR ECONOMICS	4	4	30	70	100	3
VII	CC-H2	24L6.0-ECO-702	INTERNATIONAL ECONOMICS	4	4	30	70	100	3
VII	CC-H3	24L6.0-ECO-703	PUBLIC ECONOMICS	4	4	30	70	100	3
VII	DSE-6	24L6.0-ECO-704	ECONOMETRICS	4	4	30	70	100	3
			OR						
VII	DSE-6	24L6.0-ECO-705	GROWTH MODELS IN ECONOMICS	4	4	30	70	100	3
VII	PC-H1	24L6.0-ECO-706	ECONOMIC DATA ANALYSIS	4	8	30	70	100	3
VIII	CC-H4	24L6.0-ECO-801	MATHEMATICAL ECONOMICS	4	4	30	70	100	3
VIII	CC-H5	24L6.0-ECO-802	ENVIRONMENTAL ECONOMICS	4	4	30	70	100	3
VIII	CC-H6	24L6.0-ECO-803	SCHOOLS OF ECONOMIC THOUGHT	4	4	30	70	100	3
VIII	DSE-7	24L6.0-ECO-804	ECONOMICS OF HEALTH	4	4	30	70	100	3
			OR						
VIII	DSE-7	24L6.0-ECO-805	ECONOMICS OF EDUCATION	4	4	30	70	100	3
VIII	PC-H2	24L6.0-ECO-806	APPLICATION SOFTWARE FOR ECONOMICS	4	8	30	70	100	3

SCHEME/S AND SYLLABI FOR IN ECONOMICS AS PER NEP-2020 (MULTIPLE ENTRY- MULTIPLE EXIT-WITH (CBCS-LOCF)
UG Programme (Multidisciplinary): Scheme A

First Year: Scheme A										
Semester	**Subject-1 Core Courses**	**Subject-2 Core Courses**	**Subject-3Core Courses**	**Minor /Vocational**	**Multidisciplinary Courses**	**Ability Enhancement Courses**	**Skill Enhancement Courses**	**Value Added Course**	**Total Credits**	**Exit Option**
I	CC-A1 (4 credit) 24L4.5-ECO-101 MICRO ECONOMICS-I	CC-B1 (4 credit)	CC-C1 (4 credit)	CC-M1 2 credit 24L4.5-ECO-103 INTRODUCTORY ECONOMICS	MDC-1 3 credit 24L4.5-MDC-ECO-101 BASICS OF ECONOMICS	AEC-1 2 credit	SEC-1 3 credit	VAC-1 2 credit	24	Under Graduate Certificate in Discipline with 52 credits
II	CC-A2 (4 credit) 24L4.5-ECO-201 MACRO ECONOMICS-I	CC-B2 (4 credit)	CC-C2 (4 credit)	CC-M2 2 credit 24L4.5-ECO-203 INTRODUCTION TO INDIAN ECONOMY	MDC-2 3 credit 24L4.5-MDC-ECO-201 INDIAN ECONOMIC ENVIRONMENT	AEC-2 2 credit	SEC-2 3 credit DSEC-1 24L4.5-ECO-202 ECONOMIC SURVEY TECHNIQUES	VAC-2 2 credit	24	
Internship of 4 credits of 4-6 weeks duration after 2nd semester										

Note:

1. Credits(C), Core Courses (CC); Discipline Specific Elective Courses(DSE); Discipline Skill Enhancement Courses (DSEC); Skill Enhancement Courses (SEC); Ability Enhancement Courses (AEC); Practicum Courses (PC); Value Added Courses (VAC); Multidisciplinary Courses (MDC)
2. If a student has been admitted to the UG Programme(Multidisciplinary), then that student will select three subjects, A, B, and C, in the first year from the pool of subjects in that discipline offered by the Department/Institute/College.
3. For the second year, a student will opt out of the following options at the beginning of 3rd semester:

a) Multi-disciplinary 3Year UG Programme with three subjects (Scheme A)

b) UG Programme with one Major and Minor subject (Scheme B)

2nd Year- Scheme A										
Semester	**Subject-1 Core Courses**	**Subject-2 Core Courses**	**Subject-3 Core Courses**	**Minor /Vocational**	**Multi-Disciplinary Courses**	**Ability Enhancement**	**Skill Enhancement Courses**	**Value Added Courses**	**Total Credits**	**Exit Option**
III	CC-A3 (4 credit) 24L5.0-ECO-301 MICRO ECONOMICS-II	CC-B3 (4 credit)	CC-C3 (4 credit)	CC-M3 (4 credit) 24L5.0-ECO-301 MICRO ECONOMICS-II	MDC-3 3 credit 24L5.0-MDC-ECO-301 CURRENT ISSUES IN GLOBAL ECONOMY	AEC-3 2 credit	SEC-3 3 credit	--	24	Under Graduate Diploma in Discipline with 96 credits
IV	CC-A4 (4 credit) 24L5.0-ECO-401 MACRO ECONOMICS-II	CC-B4 (4 credit)	CC-C4 (4 credit)	CC-M4(V) (4 credit)	--	AEC-4 2 credit	--	VAC-3 2 credit	20	
Internship of 4 credits of 4-6 weeks duration after 4th semester										
3rd Year- Scheme A										
V	CC-A5 (4 credit) 24L5.5-ECO-501 ECONOMICS OF GROWTH & DEVELOPMENT	CC-B5 (4 credit)	CC-C5 (4 credit)	CC-M5(V) (4 credit)	--		Internship#(4 credit)s	--	20	Bachelor in Discipline with 132 credits

VI	CC-A6 (4 credit) 24L5.5-ECO-601 INDIAN ECONOMY	CC-B6 (4 credit)	CC-C6 (4 credit)	CC-M6 (4 credit) 24L5.5-ECO-602 ECONOMICS OF LABOUR CC-M7(V) (4 credit)	- -	--	--		20	
Credits	**Major=72**			**Minor=24**	**MDC= 09**	**AEC= 08**	**SEC= 09**	**VAC=06**	**Internship=04**	**Total= 132**

NOTE: FOR SCHEME 'A' AND SCHEME 'B', FIRST YEAR COURSE STRUCTURE IS COMMON.

Scheme B: Bachelor with Major in ECONOMICS and Minor in "OTHER" Subject

2nd Year Scheme B : Bachelor with Major in (ECONOMICS) and Minor in OTHER Subject								
Semester	**Major Subject**	**Minor /Vocational**	**Multidisciplinary Courses**	**Ability Enhancement Courses**	**Skill Enhancement Courses**	**Value Added Courses**	**Total Credits**	**Exit Option**
III	MCC-2 (4 credit) 24L4.5-ECO-102 BASIC PUBLICFINANCE	CC-M3(V) (4 credit)	MDC-3 3 credit 24L5.0-MDC-ECO-301 CURRENTISSUES IN GLOBAL ECONOMY	AEC-3 2 credit	SEC-3 3 credit	--	24	
	MCC-4 (4 credit) 24L5.0-ECO-301 MICRO ECONOMICS-II							
	MCC-5 (4 credit) 24L5.0-ECO-302 BASIC STATISTICS FOR ECONOMICS							

IV	MCC-6(4 credit) 24L5.0-ECO-401 MACRO ECONOMICS-II	CC-M4(V) (4 credit)	--	AEC-4 2 credit	--	VAC-3 2 credit	24	
	MCC-7(4 credit) 24L5.0-ECO-402 STATISTICAL TOOLS FOR ECONOMICS MCC-8(4 credit) 24L5.0-ECO-403 INDIAN FINANCIAL SYSTEM DSE-1(4 credit) 24L5.0-ECO-404 INDUSTRIAL ECONOMICS OR 24L5.0-ECO-405 MONEY &BANKING							Undergraduate Diploma in Economics
Internship of 4 credits of 4-6weeks duration after 4th semester								

3rd Year Scheme B: Bachelor with Major in (ECONOMICS) and Minor in OTHER Subject								
V	MCC-A9 (4 credit) 24L5.5-ECO-501 ECONOMICS OF GROWTH &DEVELOPMENT MCC-A10 (4 credit) 24L5.5-ECO-502 DEMOGRAPHY DSE-A2 (4 credit) 24L5.5-ECO-503 ECONOMICS OFINFRASTRUCTURE OR 24L5.5-ECO-504 ECONOMICS OFAGRICULTURE DSE-A3(4 credit) 24L5.5-ECO-505 FINANCIAL ECONOMICSOR 24L5.5-ECO-506 HARYANA ECONOMY	--	--		Internship#(4 credit)s	--	20	Bachelor with Major in (Subject) and Minor in (Subject) after earning136 Credits

VI	MCC-A11(4 credit) 24L5.5-ECO-601 MCC-A12(4 credit) 24L5.5-ECO-602 ECONOMICS OF LABOUR DSE-A4(4 credit) 24L5.5-ECO-603 COMPUTER APPLICATIONS IN ECONOMICS OR 24L5.5-ECO-604 ECONOMICS OF INSURANCE DSE-A5(4 credit) 24L5.5-ECO-605 GENDER ECONOMICSOR 24L5.5-ECO-606 WELFARE ECONOMICS	CC-M5(V) (4 credit)	--	--	--	--	20	

Credits	**Major = 68**	**Minor = 32**	**MDC = 09**	**SEC = 09**	**AEC = 08**	**VAC = 06**	**Internship = 04**	**Total = 136**

#Four credits of internship, earned by a student during summer internship after 2nd semester or 4th semester, will be taken into account in 5th semester of a student who pursue 3year UG Programmes without taking exit option.

SCHEME 'C' : UG Programme with Single Major (ECONOMICS)
(A student will take admission in UG Programme with Single Major (Economics) in the first year)

I Year Scheme C:Bachelor with Major in (Economics) and Minor in Same Subject (Economics)								
Semester	**Major Subject**	**Minor /Vocational**	**Multidisciplinary Courses**	**Ability Enhancement Courses**	**Skill Enhancement Courses**	**Value Added Courses**	**Total Credits**	**Exit Option**
I	MCC-A1(4 credit) 24L4.5-ECO-101 MICRO ECONOMICS-I MCC-A2(4 credit) 24L4.5-ECO-102 BASIC PUBLIC FINANCE	CC-M1 (4 credit) 24L4.5-ECO-103 INTRODUCTORY ECONOMICS	MDC-1 3 credit 24L4.5-MDC-ECO-101 BASIC ECONOMICS	AEC-1 2 credit	SEC-1 3 credit	VAC-1 2credit	22	Under Graduate Certificate in Subjects with 48 credits
II	MCC-A3(4 credit) 24L4.5-ECO-201 MACRO ECONOMICS-I DSEC-A1(4 credit) 24L4.5-ECO-202 ECONOMIC SURVEY TECHNIQUES	CC-M2 (4 credit) 24L4.5-ECO-203 INTRODUCTION TO INDIAN ECONOMY	MDC-2 3 credit 24L4.5-MDC-ECO-201 INDIANECONOMIC ENVIRONMENT	AEC-2 2 credit	SEC-2 3 credit	VAC-2 2 credit	22	
	Internship of (4 credit)s of 4-6 weeks duration after 2nd semester							

2nd Year Scheme C:UG Programme with Single Major (Economics)

III	MCC-A4 (4 credit) 24L5.0-ECO-301 MICRO ECONOMICS-II MCC-A5 (4 credit) MCC-5 24L5.0-ECO-302 BASIC STATISTICS FOR ECONOMICS	CC-M3 (4 credit)	MDC-3 3 credit 24L5.0-MDC- ECO-301 CURRENT ISSUES IN GLOBAL ECONOMY	AEC-3 2 credit	SEC-3 3 credit	VAC-3 2 credit	22	Under Graduate Diploma in Subjects with 94 credits

IV	MCC-A6 (4 credit)	CC-M4(V)	--	AEC-4	--	VAC-4	24	
	24L5.0-ECO-401	(4 credit)		2 credit		2 credit		
	MACRO ECONOMICS-II MCC-A7 (4 credit) 24L5.0-ECO-402 STATISTICAL TOOLS FOR ECONOMICS MCC-A8(4 credit) 24L5.0-ECO-403 INDIAN FINANCIAL SYSTEM DSE-A1 (4 credit) 24L5.0-ECO-404 INDUSTRIAL ECONOMICS OR 24L5.0-ECO-405 MONEY & BANKING							
Internship of (4 credit)s of 4-6 weeks duration after 4th semester								

3rd Year Scheme C:UG Programme with Single Major(Economics)								
Semester	**Major Subject**	**Minor /Vocational**	**Multi-Disciplinary Courses**	**Ability Enhancement Courses**	**Skill Enhancement Courses**	**Value Added Courses**	**Total Credits**	**Exit Option**
V	MCC-A9(4 credit)	CC-M5(V)	--		Internship#(	--	24	Bachelor with Major in
	24L5.5-ECO-501	(4 credit)			4 credit)s			(Economics) and Minor in
	ECONOMICS OF							(Economics) after earning 136
	GROWTH &							credits
	DEVELOPMENT							
	MCC-A10 (4 credit) 24L5.5-ECO-502 DEMOGRAPHY DSE-A2(4 credit) 24L5.5-ECO-503 ECONOMICS OF INFRASTRUCTURE OR 24L5.5-ECO-504 ECONOMICS OF AFRICULTURE DSE-A3(4 credit) 24L5.5-ECO-505 FINANCIAL ECONOMICS OR 24L5.5-ECO-506 HARYANA ECONOMY								

VI	MCC-A11 (4	CC-M6(V)	--	--	SEC-4	--	22	
	Credit 24L5.5-ECO-601	(4 credit)			2 credit			
	INDIAN							
	ECONOMY							
	MCC-A12 (4							
	credit) 24L5.5-ECO-602							
	ECONOMICS							
	OF LABOUR							
	DSE-A4(4 credit)							
	24L5.5-ECO-603							
	COMPUTER							
	APPLICATIONS							
	IN ECONOMICS							
	OR 24L5.5-ECO-604 ECONOMICS OF INSURANCE DSE-A5(4 credit) 24L5.5-ECO-605 GENDER ECONOMICS OR 24L5.5-ECO-606 WELFARE ECONOMICS							

Credits	**Major = 72**	**Minor = 24**	**MDC = 09**	**SEC = 11**	**AEC = 08**	**VAC=08**	**Internship = 04**	**Total = 136**

#Four credits of internship, earned by a student during summer internship after 2nd semester or 4th semester, will be taken into account in 5th semester of a student who pursue 3year UG Programmes without taking exit option.

Notes:

1. Subjects: DSE, DSEC, SEC, AEC, MDC, and VAC courses will be offered by the Department/ College/ Institute depending on its available faculty, infrastructure, and timetable.

2. A student will opt for a multidisciplinary course based on a subject that differs from the discipline of major and minor subjects. Students are not allowed to choose or repeat courses already undergone at the higher secondary level (12th class) or opted as a major and minorstream under this category. Provided further that if a Multidisciplinary Course across the discipline cannot be offered by the Department/Institute/College, due to its constraints and available resources, then

i. MDC can be opted out of MOOCs through SWAYAM

ii. MDC can be completed from a cluster college, i.e., from a neighbouring college/institute

3. A student will opt for AEC, SEC, VAC and Minor (Vocational) courses from the respective pools of courses offered by the Department/College/Institute duly approved by the University. A department/institute/college can add more courses to the pool of AEC, SEC, VAC, and vocational courses with prior approval from the university.

4. For the first and second semesters of the UG programme (Multidisciplinary) (Scheme A and B), a student can choose a Minor Course of 2 creditsfrom the pool of minor subjects in that semester offered by the Department/Institute/College.

5. For the first and second semesters of the UG programme with a Single Major (Scheme C), a student can choose a Minor Course of (4 credits), saySubject E, out of available Core Courses of that subject E offered in that semester.

6. From 3rd semester onwards of all three schemes, a student can choose a Minor Course, say Subject E, out of available Core Courses ofthat subject E offered in that semester.

7. In the subjects/courses which involve practicum, i.e. Practical/ Laboratory/ Studio/ Project/ Survey/Fieldwork, etc., a course of 4 creditswill dedicate 3 credits for lectures and one credit for practicum and in other subjects/courses, a course of 4 credits will dedicate 3 credits for lectures and 1 credit for tutorial. During 4th year, when the practicum course is offered as a separate course in that subject, then a course of 4 credits will dedicate 3 credits for lectures and 1 credit for tutorial. However, for any DSE course, a course of 4 credits will dedicate 3 credits for lectures and one credit for tutorial.

8. In case of AEC of 2 credits, the entire 2 credits will be dedicated for lectures.

9. In the SEC courses of 3 credits, 2 credits will be dedicated for lectures and 1 credit for practicum, In the SEC courses of 2 credits, 1 credits will be dedicated for lecture and 1 credit for practicum and in the DSEC courses of 4 credits, 3 credits will be dedicated for lectures and1 credit for practicum.

10. If a student takes exit after the second semester, then Undergraduate Certificate in Discipline/subject will be awarded after earning 52/48 credits including 4 credits for the internship of 4-6 weeks during the summer vacation. The nomenclature of the Discipline will depend upon thesubjects opted during the programme. For example, if a student has studied two subjects Physics and Chemistry or Physics and Mathematics orChemistry and Zoology, the Undergraduate Certificate in Physical Science and Life Science respectively will be awarded. Similarly, if a student has studied two subjects Economics and Sociology or Economics and Mathematics or Political Science and Hindi, the Undergraduate Certificatein Arts will be awarded.

11. If a student takes exit after the 4th semester, then Undergraduate Diploma in Discipline will be awarded after earning 96 credits including4 credits for the internship of 4-6 weeks during the summer vacation. In case, a student takes exit after 2nd year of UG Programme with Single Major, then Undergraduate Diploma in Major Subject will be awarded after 100 credits (scheme B) and 94 credits (scheme C) including 4 credits for the internship of 4-6 weeks during the summer vacation.

NOTE: 4TH YEAR IS SAME FOR SCHEME A, B, AND C

Fourth Year

Semester	Major Subject			Minor Subject		
	Core Courses	**Discipline Specific Courses**	**Practicum Courses**	**Core Courses**	**Total credits**	**Degree to be awarded**
VII Level-8	CC-H1 24L6.0-ECO-701 MATHEMATICS FORECONOMICS CC-H2 24L6.0-ECO-702 INTERNATIONALECONOMICS CC-H3 24L6.0-ECO-703 PUBLIC ECONOMICS 4+4+4 Credits	DSE-6 H1 (4 credit) 24L6.0-ECO-704 ECONOMETRICS OR 24L6.0-ECO-705 GROWTH MODELS IN ECONOMICS	PC-H1 (4 credit) 24L6.0-ECO-706 ECONOMIC DATA ANALYSIS	CC-HM1 (4 credit)	24	**Bachelor (Honours) In Major Subject** with 184 Credits
VIII Level-8	CC-H4 24L6.0-ECO-801 MATHEMATICALECONOMICS CC-H5 24L6.0-ECO-802 ENVIRONMENTALECONOMICS CC-H6 24L6.0-ECO-803 SCHOOLS OF ECONOMICTHOUGHT 4+4+4 Credits	DSE-7 H2 (4 credit) 24L6.0-ECO-804 ECONOMICS OF HEALTH OR 24L6.0-ECO-805 ECONOMICS OF EDUCATION	PC-H2 (4 credit) 24L6.0-ECO-806 APPLICATION SOFTWARE FOR ECONOMICS	CC-HM2 (4 credit)	24	

OR

VII Level-8	CC-H1 24L6.0-ECO-701 MATHEMATICS FORECONOMICS CC-H2 24L6.0-ECO-702 INTERNATIONALECONOMICS	DSE-H1 (4 credit) 24L6.0-ECO-704 ECONOMETRICS OR	PC-H1 (4 credit) 24L6.0-ECO-706 ECONOMIC DATA ANALYSIS	CC-HM1 (4 credit)	24	**Bachelor (Honours**
	CC-H3 24L6.0-ECO-703 PUBLIC ECONOMICS 4+4+4 Credits	24L6.0-ECO-705 GROWTH MODELS IN ECONOMICS				**With Research) In Major Subject** with 184 credits
VIII Level-8	CC-H4 24L6.0-ECO-801 MATHEMATICALECONOMICS CC-H5 24L6.0-ECO-802 ENVIRONMENTALECONOMICS 4+4 credits	--	Project /Dissertation12 credits	CC-HM2 (4 credit)	24	

Notes:

1. 4-year UG (Honours) or (Honours with Research) in Major Subject will be offered after completion of 3 year UG programme with one major andone minor subject to those students who have completed at least 60 credits in the concerned major subject. In addition to the above, 4- year UG (Honours with Research) in Major Subject will be offered only to those students who have obtained CGPA 7.5 or more in the 3 year UG programme.

2. Core course in Honours subject (CCH): Discipline specific elective course in Honours (DSE-H); Practicum Course in Honours subject (PC- H);Core Course in Minor Subject (CC-HM) of Honours Program.

3. Bachelor degree (Honours) or (Honours with Research) will be awarded in the Major subject after successful completion of the four year programme securing 184 credits and satisfying the minimum credit requirement as given in the Credit Table.

4. Student opting for Honours with Research will work on a Research Project or do research during the eighth semester. The dissertation work willbe of 12 credits. 8 credits will be earmarked for the evaluation report of the dissertation and viva-voce examination will carry weightage of 4 credits.

5. The evaluation of the Dissertation and the conduct of viva-voce examination will be done by an external examiner.

6. The practicum course may be replaced by a theory course wherever not applicable.

DETAILED SYLLABI FOR UG ECONOMICS COURSES FOR SEMESTER I, II, III & IV ONLY

CC-1 MCC-1

Session 2024-25			
Part-A Introduction			
Subject	Economics		
Semester	I		
Name of the Course	Micro Economics-I		
Course Code	24L4.5-ECO-101		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	CC, MCC		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	N.A.		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: 1. Understand the nature and scope of Economics, including the meaning of Economics, its methods, and why it is studied. 2. Analyze the role of an Economist, including the ability to think like an Economist, the Economist as a Scientist, and as a Policy Adviser. 3. Evaluate the different types of economic activities and systems, including the organization of economic activities and the evolution of present economic systems. 4. Apply the concepts of demand and supply, elasticity, consumer equilibrium, production analysis, and cost and revenue analysis to real-world economic situations.		
	5*.		
Credits	Theory	Tutorial	Total
	03	1	04
Contact Hours	03	1	04
Max. Marks: 100 **Internal Assessment Marks: 30** **End Term Exam Marks: 70**	**Time: 3 Hrs**		

Part-B Contents of the Course

Instructions for Paper Setters

1. Nine Questions will be set in all and students will be required to attempt 5 questions.
2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks spread over the entire syllabus (2*7=14 marks).
3. For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (14 marks each).

Unit	**Topics**	**Contact Hours**
I	**Nature and Scope of Economics:** Meaning of Economics; Nature of Economics; Scope of Economics; Methods of Economics; Why Study Economics? **Role of an Economist:** Thinking Like an Economist; The Economist as Scientist; The Economist as Policy Adviser; Economic Policy **Economic Activities and Systems:**	12

	Types of Economic Activities; Organisation of Economic Activities; Evolution of the Present Economic Systems	
II	**Firms and Household:** Meaning of Firms and Household; Relationship Between Firms and Household; Input Markets; Output Markets; Circular Flow of Economic Activities (Two – Sector) **Demand and Supply:** Individual Demand; Market Demand; Law of Demand; Types of Goods (Normal, Inferior and Giffen); Demand Determinants; Supply and its Determinants; Law of Supply; Market Equilibrium	12
III	**Elasticity and its Measurement:** Types of Elasticity of Demand and Supply; Price, Income and Cross Elasticity; Measurement of Elasticity of Demand; Determinants of Elasticity of Demand **Consumer Equilibrium:** Cardinal Utility Analysis (Law of Diminishing Marginal Utility, Law of Equi-Marginal Utility); Ordinal Utility Analysis (Indifference Curve, Properties of Indifference Curve, Budget Line, Equilibrium of Consumer); Consumer Surplus (Marshall & Hicks)	12
IV	**Production Analysis:** Production Function-Short Run and Long Run; Total Product; Marginal Product; Average Product; Law of Returns to Factor (Law of Variable Proportions); Law of Returns to Scale(Increasing, Decreasing and Constant) **Cost and Revenue Analysis:** Fixed and Variable Costs, Opportunity Cost, Implicit and Explicit Costs, Real and Monetary Costs; Traditional short run and long run cost curves and their interrelation; TR, MR, AR and their relationships	12
V*		
Suggested Evaluation Methods		
Internal Assessment: 30 ➢ **Theory (All these activities will be covered under Tutorials. Approximate contact Hours =12)** Class Participation 5 Seminar/Presentation/Assignment/Quiz/Class Test etc. 10 Mid Term Exam 15 ➢ **Practicum** Class Participation Seminar/Demonstration/Viva Voce/Lab Records etc. Mid Term Exam:		**End Term Examination:70** Theory

Part-C Learning Resources
Recommended Books/E-Resources/LMS: • Ahuja, H.L(2012), *Ucchatar Arthik Siddhant*, S.Chand & Company, New Delhi. • Dwivedi, D.N(2011), *Microeconomics – Theory & Applications*, Pearson. • Koutsoyiannis ,A.(1979), *Modern Microeconomics*,(2nd Edition), Macmillan Press, London. • Mankiw, N.G. (2012), *Principles of Microeconomics*, (6th Edition), South-Western Cengage Learning. • Salvatore D. (2006), *Microeconomics-Theory and Applications*, Oxford University Press. • Varian,H. (2003),Intermediate Microeconomics, East-West Press. • Browing Edger K., Browing Jacquelene, M.: *Microeconomic Theory and Applications*, 2nd Ed. 1986, Kalyani

* Applicable for courses having practical component.

MCC-2

Session 2024-25			
Part-A Introduction			
Subject	Economics		
Semester	I		
Name of the Course	Basic Public Finance		
Course Code	24L4.5-ECO-102		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	MCC		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	N.A.		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: 1. To know the scope and breadth of Public Finance along with understanding the core principles of public sector economics so that they are able to apply the understanding of these concepts to comprehend real world problems along with the ability to think critically and analyze economic problems. 2. To understand the core principles of taxation so that they are able to apply the understanding of these concepts to comprehend real world problems along with the ability to think critically and analyze economic problems. 3. To understand the nature and structure of public expenditure and public debt so that they can analyze the welfare impacts of public expenditure and debt policy.. 4. To exhibit the ability to learn and apply relevant principles of public finance for analysis of public policy on the federal nature of India. Simultaneously Understanding the implications and ethical as well as value part of it.		
	5*.		
Credits	Theory	Tutorial	Total
	03	1	04
Contact Hours	03	1	04
Max. Marks: 100 **Internal Assessment Marks: 30** **End Term Exam Marks: 70**	**Time: 3 Hrs**		

Part-B Contents of the Course

Instructions for Paper Setters

1. Nine Questions will be set in all and students will be required to attempt 5 questions.
2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks spread over the entire syllabus (2*7=14 marks).
3. For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (14 marks each).

Unit	**Topics**	**Contact Hours**
I	**Introduction to public finance:** Nature and Scope of Public Finance; Law of Maximum Social Advantage; Concept and features of Public Goods, Private Goods, Merit Goods; Public Expenditure -Meaning, Importance, Canons and Effects; Components of Public Expenditure in India.	15

II	**Taxation:** Classification and Importance of Taxes; Features of Good Tax System; Concept of Impact, Incidence and Shifting of Taxation; Taxes of Centre and State Governments; Salient features of Indian Tax System; Goods and Services Tax (overview only).	15
III	**Public debt:** Meaning, Types and Effects of Public Debt; Burden of Public Debt; Principles of Public Debt Management; Classification, Growth, and Characteristics of Indian Public Debt; Concepts of Revenue Deficit, Fiscal Deficit, Monetized Deficit, Primary Deficit; Deficit Financing in India.	15
IV	**Budget and Fiscal Federalism:** Types and Structure of Public Budget; Budget of The Government of India (Latest Financial Year); Fiscal Federalism: Principles of efficient division of financial resources between Central and States, Issues in centre-state financial relations, Latest Finance Commission Recommendations.	15
V*		
Suggested Evaluation Methods		
Internal Assessment: 30 ➢ **Theory (All these activities will be covered under Tutorials. Approximate contact Hours =15)** Class Participation 5 Seminar/Presentation/Assignment/Quiz/Class Test etc. 10 Mid Term Exam 15 ➢ **Practicum** Class Participation Seminar/Demonstration/Viva Voce/Lab Records etc. Mid Term Exam:		**End Term Examination:70** Theory

Part-C Learning Resources
Recommended Books/E-Resources/LMS: ● *Harvey Rosen, (2005), Public Finance, Seventh Edition, McGraw Hill Publications.* ● *Joseph E. Stiglitz – Public Sector Economics* ● *Musgrave R.A. and Musgrave P.A. – Public Finance in Theory and Practice* ● *Bhatia H.L. – Public Finance* ● *Tyagi B.P. – Public Finance* ● *Bhargava R.N. Theory and Working of Union Finance in India* ● *Hugh Dalton – Principles of Public Finance* ● Indapurakar Kavita, Sidana Neeru, Jaspal Singh - *Money, Banking & Public Finance 2023, Kalyani*

* Applicable for courses having practical component.

Session 2024-25			
Part-A Introduction			
Subject	Economics		
Semester	I		
Name of the Course	Introductory Economics		
Course Code	24L4.5-ECO-103		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	CCM		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	N.A.		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: 1. Know the scope and methods of Economics along with understanding the economic problem of scarcity & choice and the core principles of demand and supply. 2. They are able to apply the understanding of these concepts to Comprehend real world problems along with the ability to think critically and analyze economic problems in different types of economic systems and various types of market structures. 3. To understand the concept of national income and various methods of its measurement, aggregate demand & aggregate supply and their relevance. Understanding the different methods to calculate GDP. 4.To understand how governments and central banks use fiscal policy (taxes, spending) and monetary policy (interest rates, money supply) to manage the economy, stabilize it & equilibrium of goods-money market.		
	5*.		
Credits	Theory	Tutorial	Total
	02	-	02
Contact Hours	02	-	02
Max. Marks: 50 **Internal Assessment Marks: 15** **End Term Exam Marks: 35**	**Time: 2 Hrs**		

Part-B Contents of the Course

Instructions for Paper Setters

1. Nine Questions will be set in all and students will be required to attempt 5 questions.
2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 1 marks each spread over the entire syllabus (1×7=7 marks).
3. For the remaining four questions, students will attempt 1 out of 2 questions from each of the FOUR units (7 marks each).

Unit	Topics	Contact Hours
I	**Basic Economics**: Scope and Methods of economics, The Economic Problem: Scarcity and Choice, Economic systems and their characteristics, Basic economic questions: what, how, and for whom to Produce.	8
II	**Micro Economics**: Law of Demand; Law of Supply; Elasticity and Its Applications; Concept of Costs and Revenue	7

III	**Macro Economics:** Meaning, difference between micro and macro, meaning of four major sectors of macro economics. Concepts of GDP, GNP and National income, Nominal and Real GDP, Limitations of the GDP concept, Circular Flow of Income in two, three, and four-sector economy	8
IV	**Government Policies:** Monetary policy (meaning, objective, its instruments) fiscal policy (meaning, objective and its instruments):	7
V*		

Suggested Evaluation Methods	
Internal Assessment: 15 ➢ **Theory** Class Participation 4 Seminar/Presentation/Assignment/Quiz/Class Test etc. 4 Mid Term Exam 7 ➢ **Practicum** Class Participation Seminar/Demonstration/Viva Voce/Lab Records etc. Mid Term Exam:	**End Term Examination:35** Theory

Part-C Learning Resources
Recommended Books/E-Resources/LMS: ● Koutsoyiannis, A. (1979). *Modern Microeconomics (2nd Edition).*Macmillan Press, London. ● Mankiw, N.G. (2021, 7e). *Principles of Microeconomics.* Cengage Learning India Private Limited, Mayur Vihar Phase 1, Delhi. ● Pyndick, R.S., Rubinfeld, D.L., MehtaP.L. (2017, 7e). *Micro Economics.* Pearson India Education Services Pvt. Ltd, Noida UP, India. ● Salvatore, D.(2009). *Microeconomics-Theory and Applications.* Oxford University Press. ● Dornbusch, R., Fischer, S., Startz, R. (2018). *Macroeconomics*. MaGraw Hill Education (India) Private Limited, Chennai, India. ● Puri, V.K., Mishra, S.K. (2021, 39e). *Indian Economy*. Himalaya Publishing HousePvt. Ltd., Girgaon, Mumbai, India. ● Salvatore, D. (2008, 8e). International *Economics.* Wiley India (P.) Ltd., Daryaganj, New Delhi, India. ● Lekhi R.K., *Principles of Economics*, 2011, Kalyani

* Applicable for courses having practical component.

MDC-1

Session 2024-25			
Part-A Introduction			
Subject	Economics		
Semester	I		
Name of the Course	Basics of Economics		
Course Code	24L4.5-MDC-ECO-101		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	MDC		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	N.A.		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: 1 Have knowledge about basic concepts of Economics. 2. Have Knowledge of basic concepts of Micro Economics: nature and scope of Micro Economics and understanding the key components of Micro Economics for developing economic theories. 3. Have Knowledge of basic concepts of Macro Economics, understanding the various concepts of National Income and developing the ability to construct some basic Macroeconomic Model for analysis of Economic Theories. 4. Have Understanding the basis for trade between two economies, Measure the benefits accrued from International Trade and knowledge of different measures of Economic Development.		
	5*.		
Credits	Theory	Tutorial	Total
	02	1	03
Contact Hours	02	1	03
Max. Marks: 75 **Internal Assessment Marks: 25** **End Term Exam Marks: 50**	**Time: 3 Hrs**		

Part-B Contents of the Course

Instructions for Paper Setters

1. Nine Questions will be set in all and students will be required to attempt 5 questions.
2. Question No. 1 will be compulsory and will consist of 10 short answer type questions of 1 mark, spread over the entire syllabus (1*10=10 marks).
3. For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (10 marks each).

Unit	**Topics**	**Contact Hours**
I	Nature and scope of Economics, Definitions of Economics, Important concepts of Economics, Scarcity and choice, The basic issues of what to produce, how to produce and for whom to produce, Problem of distribution of output, Branches of Economics.	11
II	Concept of demand, law of demand, determinants of demand, Law of supply, and determinants of supply, market equilibrium and price mechanism. Meaning of elasticity of demand. Different types of Market Structure: Perfect competition and its Characteristics, Monopoly and its characteristics, Monopolistic competition and oligopoly.	12

III	Nature and Scope of macroeconomics, Difference between Micro and Macro economics, Macroeconomic Concerns, The role of Government in the Macro Economy, Introduction to National Income: Concepts of GDP, GNP and National income, Nominal and Real GDP, Limitations of the GDP concept, Circular Flow of Income in two, three, and four-sector economy, Inflation: Meaning and types.	11
IV	Importance of the study of International Economics; Inter-regional and international trade; Theories of absolute advantage and Comparative Advantage. Measurement of development and development gap: GDP, Per capita income, Gini coefficient and Human Development Index (HDI).	11
V*		

Suggested Evaluation Methods	
Internal Assessment: 25 ➢ **Theory** Class Participation 5 Seminar/Presentation/Assignment/Quiz/Class Test etc. 7 Mid Term Exam 13 ➢ **Practicum** Class Participation Seminar/Demonstration/Viva Voce/Lab Records etc. Mid Term Exam:	**End Term Examination:50** Theory

Part-C Learning Resources
Recommended Books/E-Resources/LMS: ● Varian H. *"Microeconomic Analysis"*, W.W Norton New York (Latest Edition). ● Koutsoyiannis, A. *"Modern Microeconomics"*, Macmillan Press, London (Latest Edition) ● Dornbusch, Fischer and Startz, *Macroeconomics*, McGraw Hill, 11th edition, 2010. ● N. Gregory Mankiw. *Macroeconomics*, Worth Publishers, 7th edition, 2010. ● Olivier Blanchard, *Macroeconomics*, Pearson Education, Inc., 5th edition, 2009. ● Salvatore Dominick. International Economics, Wiley India. ● Sodersten Bo and Reed J. International Economics, McMillan Publisher ● Lekhi R.K., *Principles of Economics*, 2011, Kalyani

* Applicable for courses having practical component.

CC-2 MCC-3

Session 2024-25			
Part-A Introduction			
Subject	Economics		
Semester	II		
Name of the Course	Macro Economics-I		
Course Code	24L4.5-ECO-201		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	CC/MCC		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	N.A.		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: 1. Have Insight of Basic Concepts of Macro Economics-Its nature and scope, Methodology; National Income and circular flow of national income in an Economy. 2. Have understanding of Macroeconomic behavior in terms of Classical theory of Employment, Say's law, Keynes' theory of equilibrium level of income and Employment 3. Have knowledge about consumption bevaiour at macroeconomic level, Keynes' psychological law of consumption, hypotheses about long run income-consumption relationship 4. Have understanding about capital and Investment, Decision to invest at macroeconomic level, determinants of induced investment.		
	5*.		
Credits	Theory	Tutorial	Total
	03	1	04
Contact Hours	03	1	04
Max. Marks: 100 **Internal Assessment Marks: 30** **End Term Exam Marks: 70**	**Time: 3 Hrs**		

Part-B Contents of the Course

Instructions for Paper Setters

1. Nine Questions will be set in all and students will be required to attempt 5 questions.
2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks spread over the entire syllabus (2*7=14 marks).
3. For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (14 marks each).

Unit	**Topics**	**Contact Hours**
I	Nature and Scope of Macro Economics, Difference between Micro and Macro Economics Importance of Macro Economics. Concepts, Measurement and limitations of National Income Statistics, Circular flow of Income in Two, Three and Four Sector Economy	15
II	Say's law of Market, Classical Theory of Income and Employment. Keynesian Theory of Income and Employment, Principle of Effective Demand, Comparison between Classical and Keynesian Theory of Employment	15
III	Consumption Function: Meaning and Technical Attributes, Significance of MPC, Relationship between APC & MPC, Keynesian Psychological Law of Consumption and its Implications, Short-run & Long-run Consumption functions	15
IV	Meaning of Capital and Investment, Types of	

	Investment, Marginal Efficiency of Capital (MEC). Relation between MEC and MEI, Factors affecting Inducement to Invest	15
V*		

Suggested Evaluation Methods

Internal Assessment: 30 ➢ **Theory (All these activities will be covered under Tutorials. Approximate contact Hours =15)** Class Participation 5 Seminar/Presentation/Assignment/Quiz/Class Test etc. 10 Mid Term Exam 15 ➢ **Practicum** Class Participation Seminar/Demonstration/Viva Voce/Lab Records etc. Mid Term Exam:	**End Term Examination:70** Theory

Part-C Learning Resources

Recommended Books/E-Resources/LMS:

- Shapiro, E. (1996), *Macroeconomic Analysis*, Galgotia Publications, New Delhi.
- Dornbusch, R. and F. Stanley (1999), *Macroeconomics*, Irwrin McGraw Hill, Inc. New York, 7th Edition
- Lipsey R.G. and K.A. Chrystal(2007) ―Economics, Oxford University Press
- Ackley, G. (1978), *Macroeconomics: Theory and Policy*, Macmillan, New York.
- Mankiw, N. Greogory (2000), *Macroeconomics* Macmillan Worth Publishers 4th Edition
- Paul Samuelson and Nordhaus: (2005), *Economics* (18thEd.) Tata Hill Publishing Company
- Lekhi R.K. Macro Economics Part - I, 2016 Kalyani

* Applicable for courses having practical component.

DSEC-1

Session 2024-25			
Part-A Introduction			
Subject	Economics		
Semester	II		
Name of the Course	**ECONOMIC SURVEY TECHNIQUES**		
Course Code	24L4.5-ECO-202		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	DSEC		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	N.A.		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: 1. Have Insight of Basics of Data, Types of Data: Quantitative, Qualitative, Cross Sectional and Time Series, Different Scales of Measurement, Data Source: Primary & Secondary, Nature of Data in CSO, NSSO, Census and Economic Survey 2. Have understanding of concept of Survey Technique, Steps involved in conducting Survey, Methods used in collecting data through Survey, Types of Survey Research, Structured and Unstructured Questions in survey, Difficulties and Issues in Survey Research 3. Have knowledge about Questionnaire design, Various Qualitative Methods like Ethnography, Unstructured Interviews, Participant Observation, Recording of Data, Data Presentation and Computer Applications in Data Organization 4. To understand the Random and Non Random Sampling Techniques and Determination of Sample Size.		
	5*. To prepare a project report depicting their ability to collect and organize data		
Credits	Theory	Practical	Total
	03	1	04
Contact Hours	03	02	05
Max. Marks: 100 **Internal Assessment Marks: 20+10(P)** **End Term Exam Marks: 50+20(P)**	**Time: 3 Hrs**		

Part-B Contents of the Course

Instructions for Paper Setters

1. Nine Questions will be set in all and students will be required to attempt 5 questions.
2. Question No. 1 will be compulsory and will consist of 5 short answer type questions of 2 marks spread over the entire syllabus (2*5=10 marks).
3. For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (10 marks each).

Unit	**Topics**	**Contact Hours**
I	**Basic Ideas of Economic Data** • Data, Information and Statistics • Data Types: Quantitative and Qualitative; Cross Sectional and Time Series • Scales of Measurement: Nominal, Ordinal, Interval, Ratio	15

	• Sources of Data: Primary & Secondary • Understanding the Nature of Data in CSO, NSSO, Census and Economic Survey	
II	**Methodologies of Data Collection** • Survey Technique: Concept, Steps involved in conducting Survey • Methods/Instruments used in collecting data through Survey Research • Types of Survey Research • Types of questions in a Survey Research: Structured and Unstructured Questions • Difficulties and Issues in Survey Research	15
III	**Data Collection and Organization** • Data Collection using Questionnaires: Questionnaire design • Qualitative Methods: Ethnography, Unstructured Interviews, Participant Observation • Recording of Data after completion of Survey: Manually and use of computers • Tabulation and Graphical Presentation of data • Preliminaries of Computer Applications in Data Organization	15
IV	**Sampling Methods** • Probability Sampling Methods- Simple Random Sampling,Systematic Random Sampling, Multistage and Cluster Sampling • Non Probability Sampling Methods • Sampling and Non Sampling Errors • Determination of the Sample Size	15
V*		
Suggested Evaluation Methods		
Internal Assessment: 30 ➢ **Theory: 20 (All these activities will be covered under Tutorials. Approximate contact Hours =15)** Class Participation 10 Seminar/Presentation/Assignment/Quiz/Class Test etc. 10 Mid Term Exam: ➢ **Practicum** 10 Class Participation: Seminar/Demonstration/Viva Voce/Lab Records etc.: Mid Term Exam:		**End Term Examination:**50 Theory **Practicum**: 20 Seminar/Demonstration/Viva Voce/Lab Records etc.:

Part-C Learning Resources
Recommended Books/E-Resources/LMS: • *Kapur J.N. and Saxena H.C. Mathematical Statistics, Sultan Chand Publishing* • *Kothari, C.R. (2004) Research Methodology: An Introduction, Delhi, New Age 3.* • *S.C. Gupta: Fundamentals of Statistics* • *S.P. Gupta: Statistical Methods*

* Applicable for courses having practical component.

CC-M2

Session 2024-25			
Part-A Introduction			
Subject	Economics		
Semester	II		
Name of the Course	**INTRODUCTION TO INDIAN ECONOMY**		
Course Code	24L4.5-ECO-203		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	CCM		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	N.A.		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: 1. Know economic systems, resource allocation, types of economies, Indian economy's size, sectors, challenges, government initiatives, and global standing. 2. Understand causes and consequences of inequality, unemployment, infrastructure challenges, government initiatives, 3. Understand the importance, issue and challenges of Infrastructure and environmental sustainability in Indian economy 4. Understand the challenges, achievements and failure during different five years plans t& know the strategies for economic reforms before and after 1991.		
	5*.		
Credits	Theory	Tutorial	Total
	02	-	02
Contact Hours	02	-	02
Max. Marks: 50 **Internal Assessment Marks: 15** **End Term Exam Marks: 35**	**Time: 3 Hrs**		

Part-B Contents of the Course

Instructions for Paper Setters

1. Nine Questions will be set in all and students will be required to attempt 5 questions.
2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 1 mark spread over the entire syllabus (1*7=7 marks).
3. For the remaining four questions, students will attempt 1 out of 2 questions from each of the Four units (7 marks each).

Unit	**Topics**	**Contact Hours**
I	**Overview of the Indian Economy:** Introduction to the Indian economy: size, growth, and significance, Key sectors of the Indian economy; Agriculture: importance, challenges, and government initiatives, Industry: manufacturing, mining, and construction sectors, Services: IT, telecommunications, finance and tourism. India's position in the global economy.	7
II	**Major Economic Challenges in India:** **Poverty and Income Inequality:** Causes and consequences of income inequality: Government initiatives and policies to reduce poverty and inequality. **Unemployment and Skill Development:** Types and causes of unemployment in	8

	India, Youth unemployment and the demographic dividend. Government schemes and initiatives to promote employment and skill enhancement.	
III	**Infrastructure Development:** Importance of infrastructure in economic development, Challenges in transportation, energy, and urban infrastructure, Government initiatives such as Smart Cities Mission and Bharatmala Project. **Environmental Sustainability:** Environmental challenges in India, including pollution and climate change, Importance of sustainable development and green initiatives.	7
IV	**Economic Reforms**: Need, objectives and features before 1991; New Economic Policy (Liberalisation Privatisation Globalisation) reforms after 1991**:** achievements and failures**;** NITI Aayog: need, objectives	8
V*		
Suggested Evaluation Methods		
Internal Assessment: 15 ➢ **Theory** Class Participation 4 Seminar/Presentation/Assignment/Quiz/Class Test etc. 4 Mid Term Exam 7 ➢ **Practicum** Class Participation Seminar/Demonstration/Viva Voce/Lab Records etc. Mid Term Exam:		**End Term Examination:35** Theory

Part-C Learning Resources
Recommended Books/E-Resources/LMS: • Dutt, Gaurav and Mahajan, Ashwani "*Dutt & Sundharam Indian Economy*" S. Chand & Company (Latest Ed.). • Dhar, P.K. "*Indian Economy – Its Growing Dimensions*" Kalyani Publishers (Latest Ed.). • Kapila, Uma "*Indian Economy: Performance and Policies*" Academic Foundation, New Delhi (Latest Edition). • Kapila, Uma "*Indian Economy Since Independence*" Academic Foundation, New Delhi (Latest Edition). • Mishra S. K. and Puri,V. K. "*Indian Economy*", Himalaya Publishing House (Latest Ed.)

* Applicable for courses having practical component.

MDC-2

Session 2024-25			
Part-A Introduction			
Subject	Economics		
Semester	II		
Name of the Course	**INDIAN ECONOMIC ENVIRONMENT**		
Course Code	24L4.5-MDC-ECO-201		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	MDC		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	N.A.		
Course Learning Outcomes (CLO)	1. To understand and analyze the nature of growth & development of India Economy. 2. Understanding and evolution of Agriculture sector in India. 3. Understanding and evolution of Industrial sector in India. 4. Utilize the detailed skills and techniques to address the problems of Indian economy like poverty, inequality, unemployment.		
	5*.		
Credits	Theory	Tutorial	Total
	03	1	04
Contact Hours	03	1	04
Max. Marks: 75 **Internal Assessment Marks: 25** **End Term Exam Marks: 50**	**Time: 3 Hrs**		

Part-B Contents of the Course

Instructions for Paper Setters

1. Nine Questions will be set in all and students will be required to attempt 4 questions.
2. Question No. 1 will be compulsory and will consist of 10 short answer type questions of 1 mark, spread over the entire syllabus (1*10=10 marks).
3. For the remaining four questions, students will attempt 1 out of 2 questions from each of the three units (10 marks each).

Unit	**Topics**	**Contact Hours**
I	Elements of micro & macro environment; PESTLE analysis. Economic growth & development; primary, secondary and tertiary sectors; structural changes & emerging sectors of the Indian economy.	11
II	Review of five year plans in India, planning strategy and objectives. Current trends in industrial growth, industrial and licensing policy, growth of private sector, problems of public sector units, policy changes for industrial growth; environment for the SME sector.	12
III	Design and strategy of economic reforms and liberalization: India's growth post liberalization. Main trends in imports and exports, balance of payments in recent years, environment for foreign capital and investment.	11
IV	Intellectual property rights and R & D environment. Banking reforms and challenges; Monetary & Fiscal Policies; meaning, importance & instruments.; SEBI;	11

	FEMA	
V*		
Suggested Evaluation Methods		
Internal Assessment:25 ➢ **Theory** Class Participation 5 Seminar/Presentation/Assignment/Quiz/Class Test etc. 7 Mid Term Exam 13 ➢ **Practicum** Class Participation Seminar/Demonstration/Viva Voce/Lab Records etc. Mid Term Exam:		**End Term Examination :50** Theory

Part-C Learning Resources
Recommended Books/E-Resources/LMS: • *Kapila, Uma, "Indian Economy: Performance and Policies"Academic Foundation, NewDelhi (Latest Edition).* • *Mishra, S.K. and Puri,V.K, "Indian Economy"Himalya Publication House (Latest Edition).* • *Rudar Dutt and Sundram;Indian Economy S. Chand and Company (Latest Edition)* • *Datt, Gaurav and Mahajan, Ashwani "Dutt & Sundharam Indian Economy" S. Chand & Company (Latest Ed.).* • *Sen, R.K. and B.Chatterjee, "IndianEconomy:Agenda for 21st Century (Essays in honour of Prof. P.R. Brahmananda)", Deep & Deep Publications, NewDelhi.* • *Singh Ramesh (2020-21), "Indian Economy", McGraw Hill Education (India) Private Limited (Latest Ed.).* • *Purkayastha Gautam, "Dynamics of Indian Economy", Kalyani*

* Applicable for courses having practical component.

CC-3 MCC-4

Session 2024-25			
Part-A Introduction			
Subject	Economics		
Semester	III		
Name of the Course	**MICRO ECONOMICS– II**		
Course Code	24L5.0-ECO-301		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC / VAC	CC/ MCC		
Level of the course (As per Annexure-I)	200-299		
Pre-requisite for the course (if any)	CC-1 MCC-1 B24ECO-101 MICRO ECONOMICS-I OR CC-M1 B24-ECO-103 INTRODUCTORY ECONOMICS		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: 1. To understand the concepts in consumer and producer Theory like surplus, economies, isoquants, iso-cost lines etc.. 2. To understand market conditions of perfect competition, monopoly and monopolistic competition. 3. To understand few models of oligopoly. 4. To understand how factor prices are determined		
	5*.		
Credits	Theory	Tutorial	Total
	03	1	04
Contact Hours	03	1	04
Max. Marks: 100 **Internal Assessment Marks: 30** **End Term Exam Marks: 70**	**Time: 3 Hrs**		

Part-B Contents of the Course

1. Nine Questions will be set in all and students will be required to attempt 5 questions.
2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks spread over the entire syllabus (2*7=14 marks).
3. For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (14 marks each).

Unit	**Topics**	**Contact Hours**
I	**Concepts in Consumer and producer Theory** • Producer Surplus • Price, Income and Substitution Effects (Hicks and Slutsky) • Economies and Diseconomies of Scale • Isoquant and Iso-Cost Lines and Producer's Equilibrium	15
II	**Market Structure** • Perfect competition (Meaning, Equilibrium of firm and industry in short run and long run). • Role of time element in price determination. • Monopoly (Meaning, Equilibrium in short run and long run). • Price discriminating monopoly.	15
III	**Market Structure**	

	• Monopolistic Competition (Meaning, Equilibrium of firm and industry in short run and long run). • Cournot's and Bertrand's Duopoly Model. • Kinked Demand Model. • Cartels and Price Leadership Models	15
IV	**Factor Pricing** • Ricardian Theory of Rent • Modern Theory of Rent, Quasi rent • Wage (Demand and Supply of Labour, Marginal Productivity Theory) • Interest (Classical and Keynesian) • Profit (Risk Theory, Dynamic Theory, Schumpeter's Innovation Theory, Uncertainty Bearing Theory)	15
V*		
Suggested Evaluation Methods		
Internal Assessment: 30 ➢ **Theory (All these activities will be covered under Tutorials. Approximate contact Hours =15)** Class Participation 5 Seminar/Presentation/Assignment/Quiz/Class Test etc. :10 Mid Term Exam 15 ➢ **Practicum** Class Participation Seminar/Demonstration/Viva Voce/Lab Records etc. Mid Term Exam:		**End Term Examination:70** Theory

Part-C Learning Resources
Recommended Books/E-Resources/LMS: • *Ahuja, H.L(2012), Ucchatar Arthik Siddhant, S.Chand & Company, New Delhi.* • *Dwivedi, D.N (2011), Microeconomics – Theory & Applications, Pearson.* • *Koutsoyiannis, A.(1979),Modern Microeconomics,(2nd Edition),Macmillan Press, London.* • *Mankiw, N.G. (2012),Principles of Microeconomics, (6th Edition), South-Western Cengage Learning.* • *Salvatore D. (2006),Microeconomics-Theory and Applications,Oxford University Press.* • *Varian,H. (2003),Intermediate Microeconomics, East-West Press.* • Chopra P.N., *Micro Economics*, Kalyani

* Applicable for courses having practical component.

MCC-5

Session 2024-25			
Part-A Introduction			
Subject	Economics		
Semester	II		
Name of the Course	**BASIC STATISTICS FOR ECONOMICS**		
Course Code	24L5.0-ECO-302		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	MCC		
Level of the course (As per Annexure-I)	200-299		
Pre-requisite for the course (if any)	N.A.		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: 1. Know the nature, scope, and uses of statistics in economics. Be able to deal with data organization and presentation using different methods and have detailed knowledge of data presentation using different kinds of diagrams. 2. Able to analyze data with a deep understanding of the concepts of central tendency and dispersion of data, their different types, and methods, to help find out what the data want to say. 3. Understand the tentative change in data variables with the effects of changes in economic policy and also analyze the change in economic variables over different periods. 4. Exhibit the estimation of the degree and direction of relationships between different economic variables and also help to find the cause-and-effect relationship between them.		
	5*.		
Credits	Theory	Tutorial	Total
	03	1	04
Contact Hours	03	1	04
Max. Marks: 100 **Internal Assessment Marks: 30** **End Term Exam Marks: 70**	**Time: 3 Hrs**		

Part-B Contents of the Course

Instructions for Paper Setters

1. Nine Questions will be set in all and students will be required to attempt 5 questions.
2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks spread over the entire syllabus (2*7=14 marks).
3. For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (14 marks each).

Unit	Topics	Contact Hours
I	**Nature, Scope and Uses of Statistics:** Definition and scope of statistics; Subject matter of statistics, Importance and Limitations of statistics in Economics; data collection (census and sample method); Organization and Presentation of data(Textual and Tabular presentation of data, Diagrammatic presentation of data, Frequency diagram: Histogram, Polygon and Ogive curve)	15
II	**Analysis of Data**: Measures of Central tendency (meaning, purpose and function of Central tendency); Types of statistical	

	average (Arithmetic mean, median and mode) Measures of dispersion (absolute measurerange, inter quartile range)	15
III	**Index Number and Time Series Analysis**: Introduction of index number: purpose and uses of index number in economics; Calculation of price index and quantity index (Laspyer, Pasche and Fisher index); Time series: meaning and components of time series; Model of analysis of time series methods of measuring Trends and its components.	15
IV	**Correlation and Regression Analysis:** Correlation: definition, types, degree and methods; Scattered diagram; Karl Pearson and Rank coefficient of correlation; Linear regression analysis: meaning, types, regression lines, regression coefficient.	15
V*		
Suggested Evaluation Methods		
Internal Assessment: 30 ➢ **Theory (All these activities will be covered under Tutorials. Approximate contact Hours =15)** Class Participation 5 Seminar/Presentation/Assignment/Quiz/Class Test etc. 10 Mid Term Exam 15 ➢ **Practicum** Class Participation Seminar/Demonstration/Viva Voce/Lab Records etc. Mid Term Exam:		**End Term Examination:70** Theory

Part-C Learning Resources
Recommended Books/E-Resources/LMS: • *Anderson, David R., Sweeney, Dennis J. & Williams, Thomas A. (2014).Essentials of Statistics for Business and Economics. South-Western Cengage Learning, USA.* • *Gupta S.C(2018). Fundamental of Statistics, Himalaya Publishing House, New Delhi* • *Gupta S.P and Gupta M.P.(2019).Business statistics, Sultan Chand and Sons New Delhi* • *Naghshpour, S. (2012). Statistics for Economics. Business Expert Press.* • *Sharma, J.K. (2012). Business Statistics. Dorling Kindersley (India) Pvt. Ltd., New Delhi*

* Applicable for courses having practical component.

MDC-3

Session 2024-25			
Part-A Introduction			
Subject	Economics		
Semester	III		
Name of the Course	**CURRENT ISSUES IN GLOBAL ECONOMY**		
Course Code	24L5.0-MDC-ECO-301		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	MDC		
Level of the course (As per Annexure-I)	200-299		
Pre-requisite for the course (if any)	N.A.		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: 1. Knowledge of global economic systems, international trade, types of regional agreements, multilateral negotiations, World institutions facilitating trade. 2. Understanding of evolution of the international monetary system, exchange rate regimes and their implications, various global financial crisis and Global financial stability and regulatory frameworks. 3. Analyzing the given situation in the global economy and understanding the social challenges, SDGs and Policies for achieving sustainable development. 4. Understanding of evolution of Economic integrations and its benefits and challenges		
	5*.		
Credits	Theory	Tutorial	Total
	02	1	03
Contact Hours	02	1	03
Max. Marks: 75 **Internal Assessment Marks: 25** **End Term Exam Marks: 50**	**Time: 3 Hrs**		

Part-B Contents of the Course

1. Nine Questions will be set in all and students will be required to attempt 5 questions.
2. Question No. 1 will be compulsory and will consist of 10 short answer type questions of 1 mark, spread over the entire syllabus (1*10=10 marks).
3. For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (10 marks each).

Unit	**Topics**	**Contact Hours**
I	Introduction to globalization and its impact on the global economy; Free trade and Protection; tariffs, Quotas, and Non-Tariff barriers.	11
II	Evolution of the international monetary system, Exchange rate regimes and their implications, International financial institutions: IMF, World Bank; Contemporary Issues in International Finance:East Asian Crisis of 1997; Global recession 2007; Global financial stability and regulatory frameworks.	11
III	Sustainable Development Goals (SDGs): Overview of the SDGs and their significance; Economic dimensions of sustainable development; Policies for achieving sustainable development; Contemporary Issues in development: Poverty, Social development and Infrastructure	11
IV	Economic integration and its benefits and challenges. Integration	12

	experiences-European Union, BRICS, NAFTA, ASEAN, Multilateral trade negotiations-the GATT rounds, UNCTAD and evolution of world trading arrangements, World Trade Organization and fair trade-Development Round, Trade Facilitation, Trade War, Recent Paradigm Shift in global economy.	
V*		

Suggested Evaluation Methods	
Internal Assessment:25 ➢ **Theory** Class Participation 5 Seminar/Presentation/Assignment/Quiz/Class Test etc. 7 Mid Term Exam 13 ➢ **Practicum** Class Participation Seminar/Demonstration/Viva Voce/Lab Records etc. Mid Term Exam:	**End Term Examination:50** Theory

Part-C Learning Resources

Recommended Books/E-Resources/LMS:

- *Obstfeld, M., Melitz, M., & Krugman, P. (2014). International economics: theory and policy.*
- *Aggarwal, M. R. (1979).Regional Economic Cooperation in South Asia. S. Chand and Co.*
- *Bhagwati, Jagdish (1969). Trade tariffs & growth. The MIT Press.*
- *Bhalla, &Bhalla, (1997). Regional Blocs. Palgrave MacMillan.*
- *Bhandari, S. (1998). WTO & Developing Countries. Deep & Deep Publications.*
- *Corden (1971). Theory of Protection. Clarendon Press, Oxford.*
- *Greenaway, David (1983).International trade policy: From Tariffs to the New Protectionism. Macmillan Publishers Limited, London.*
- *Stuenkel, O. (2020). The BRICS and the future of global order. Lexington books.*
- *Klein, M. C., & Pettis, M. (2020). Trade wars are class wars: How rising inequality distorts the global economy and threatens international peace. Yale University Press.*

* Applicable for courses having practical component.

CC-4 MCC-6

Session 2024-25				
Part-A Introduction				
Subject		Economics		
Semester		IV		
Name of the Course		**Macro Economics-II**		
Course Code		24L5.0-ECO-401		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC		CC/MCC		
Level of the course (As per Annexure-I)		200-299		
Pre-requisite for the course (if any)		CC-2 MCC-3 B24-ECO-201 MACRO ECONOMICS-I		
Course Learning Outcomes (CLO)		After completing this course, the learner will be able to: 1. Have understanding about income generation process through Investment, multiplier effect and acceleration effect of income, combined action of multiplier and acceleration effect. 2. Have understanding of value of money; classical, neoclassical approach, Demand for money and Supply of money, components of money supply, role of credit and high-powered money in an economy. 3. Have knowledge about fluctuations in value of money: inflation Causes, process of inflation, measures, Employment –inflation relationship: hypotheses. 4. Have understanding about business cycles, dynamics of business cycles phases, interest rate in macroeconomic perspective-Keynes and Hicks-Hansen approach.		
		5*.		
Credits		Theory	Tutorial	Total
		03	1	04
Contact Hours		03	1	04
Max. Marks: 100 **Internal Assessment Marks: 30** **End Term Exam Marks: 70**		**Time: 3 Hrs**		

Part-B Contents of the Course

1. Nine Questions will be set in all and students will be required to attempt 5 questions.
2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks spread over the entire syllabus (2*7=14marks).
3. For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (14 marks each).

Unit	**Topics**	**Contact Hours**
I	Keynesian Multiplier: Concepts, Relation between Multiplier, MPC and MPS, Comparative Static and Dynamic Process, Working of Multiplier in UDC'S. Acceleration Principle and Concept of Super Multiplier.	15
II	The Demand for Money: Concepts, Functions and Significance. Quantity Theory of Money - Fisher's Approach and Cambridge Approach, Keynesian Theory of Money. Supply of Money: Meaning and Determinants	15
III	Meaning, Causes and Effects of Inflation Types of Inflation Theories of inflation; Demand Pull and Cost Push Inflation. Phillips Curve in Short run and Long run.	15
IV	Meaning, Nature and Features of Business Cycles. Types and Phases of Business	

	Cycles. Keynes's View of Trade Cycles. Theories of Trade Cycles (Hicks and Samuelson), Rate of Interest: Keynesian Theories of Interest & IS-LM framework.	15
V*		
	Suggested Evaluation Methods	
	Internal Assessment: 30 ➢ **Theory (All these activities will be covered under Tutorials. Approximate contact Hours =15)** Class Participation 5 Seminar/Presentation/Assignment/Quiz/Class Test etc. 10 Mid Term Exam 15 ➢ **Practicum** Class Participation Seminar/Demonstration/Viva Voce/Lab Records etc. Mid Term Exam:	**End Term Examination:70** Theory

Part-C Learning Resources
Recommended Books/E-Resources/LMS: • *Shapiro, E. (1996), Macroeconomic Analysis, Galgotia Publications, New Delhi.* • *Dornbusch, R. and F. Stanley (1999), Macroeconomics, Irwrin McGraw Hill, Inc. New York, 7th Edition* • *Heijdra, B.J. and V.P. Frederick (2002), Foundations of Modern Macroeconomics, Oxford University Press, New Delhi.* • *Lipsey R.G. and K.A. Chrystal (2007) —Economics, Oxford University Press* • *Lekhi R.K. Macro Economics, Kalyani*

* Applicable for courses having practical component.

MCC-7

Session 2024-25			
Part-A Introduction			
Subject	Economics		
Semester	IV		
Name of the Course	**ADVANCED STATISTICS FOR ECONOMICS**		
Course Code	24L5.0-ECO-402		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	MCC		
Level of the course (As per Annexure-I)	200-299		
Pre-requisite for the course (if any)	MCC-5 B24-ECO-302 BASIC STATISTICS FOR ECONOMICS		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: 1. Define correlation, calculate, and interpret Pearson's and Spearman's correlation coefficients, understand their properties and limitations, differentiate between correlation and causation 2. Identify dependent and independent variables, formulate regression models, estimate, and interpret coefficients using ordinary least squares, assess goodness of fit using R-squared 3. Understand, solve, and apply the problems on probability 4. Understand and apply various theoretical distributions.		
	5*.		
Credits	Theory	Tutorial	Total
	03	1	04
Contact Hours	03	1	04
Max. Marks: 100 **Internal Assessment Marks: 30** **End Term Exam Marks: 70**	**Time: 3 Hrs**		

Part-B Contents of the Course

1. Nine Questions will be set in all and students will be required to attempt 5 questions.
2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks spread over the entire syllabus (2*7=14marks).
3. For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (14 marks each).

Unit	**Topics**	**Contact Hours**
I	**Correlation Analysis:** Definition of correlation and its importance in economics, Types of correlation: positive, negative, and zero correlation. Methods of Studying Correlation**:** Scatter diagram method, Karl Pearson's coefficient of correlation (Covariance method), Two-way frequency table (Bivariate correlation method), Rank method, Concurrent deviations method; partial and Multiple Correlation (WITH 3 VARIABLES).	15
II	**Regression Analysis:** Introduction to Regression Analysis: Definition and purpose of regression analysis in economics, Understanding the concept of a dependent variable and independent variable, Types of regression models: Simple and multiple linear regression. Estimating the regression coefficients: Ordinary Least Squares Method, Assessing the goodness of fit: Coefficient of determination (R-squared), Interpreting the regression coefficients and their significance.	15
III	**Concept of Probability:** Approaches to probability: Classical approach, Empirical approach, Axiomatic approach; Addition Theorem Of Probability; Multiplication	15

	Theorem Of Probability: Independent and Dependent Events; Bayes's Theorem (Rule for the Inverse Probability)	
IV	**Random Variable:** Discrete And Continuous; Probability Distribution of a Discrete Random Variable; Mathematical Expectation; Binomial Distribution – Conditions, Probability Function Of Binomial Distribution, Constants Of Bionomial Distribution; Poisson Distribution and its applications; properties of Normal distribution and its applications.	15
V*		
Suggested Evaluation Methods		
Internal Assessment: 30 ➢ **Theory (All these activities will be covered under Tutorials. Approximate contact Hours =15)** Class Participation 5 Seminar/Presentation/Assignment/Quiz/Class Test etc. 10 Mid Term Exam 15 ➢ **Practicum** Class Participation Seminar/Demonstration/Viva Voce/Lab Records etc. Mid Term Exam:		**End Term Examination:70** Theory

Part-C Learning Resources

Recommended Books/E-Resources/LMS:

- *Aggarwal, B.L. (2006). Basic Statistics. New Age International Publishers, New Delhi.*
- *Anderson, David R., Sweeney, Dennis J. & Williams, Thomas A. (2014).Essentials of Statistics for Business and Economics. South-Western Cengage Learning, USA.*
- *Croxton Frederiel, Dudley J. Gowden and Sidny Klein: Applied General Statistics, New Delhi:*
- *Griffiths, D., W, Douglas and K. Laurence Weldon (1998): Understanding Data: Principles & Practices*
- *Gupta C.B: An Introduction to Statistical Methods, New Delhi, Vikas Publishers.*
- *Gupta S.P: Statistical Methods, New Delhi, Chand & Co.*
- *Gupta, S.C. &Kapoor, V.K. (2007). Fundamentals of Applied Statistics. S. Chand and Sons, New Delhi..*
- *Kamenta J. (1997). Elements of Econometrics. Macmillan Publishing Co., Inc. New York.*
- *Karmal, P.H. & Polasek, M. (1978). Applied Statistics for Economists. Pitman, Australia.*
- *Naghshpour, S. (2012). Statistics for Economics. Business Expert Press.*
- *Sharma, J.K. (2012). Business Statistics. Dorling Kindersley (India) Pvt. Ltd., New Delhi.*
- *T R Jain, S C Aggarwal, R K Rana: Statistical Methods for Economics V.K Publication House.*

* Applicable for courses having practical component.

MCC-8

Session 2024-25			
Part-A Introduction			
Subject	Economics		
Semester	IV		
Name of the Course	**INDIAN FINANCIAL SYSYEM**		
Course Code	24L5.0-ECO-403		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	MCC		
Level of the course (As per Annexure-I)	200-299		
Pre-requisite for the course (if any)	N.A.		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: 1. Understand the Indian Financial System and its role in Economic Development. 2. Understand the different financial assets and financial markets 3. Know the role of different financial institutions. 4. Gain knowledge of the different types of Financial Services available under system		
	5*.		
Credits	Theory	Tutorial	Total
	03	1	04
Contact Hours	03	1	04
Max. Marks: 100 **Internal Assessment Marks:30** **End Term Exam Marks: 70**	**Time: 3 Hrs**		

Part-B Contents of the Course

Instructions for Paper Setters

1. Nine Questions will be set in all and students will be required to attempt 5 questions.
2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks spread over the entire syllabus (2*7=14marks).
3. For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (14 marks each).

Unit	**Topics**	**Contact Hours**
I	Indian Financial System; meaning, evolution, characteristics, functions and its components. Role of Indian financial system in economic development.	15
II	Financial instruments (assets) and Financial Markets; money market and capital markets- meaning, constituents, instruments and function. Recent development in financial markets.	15
III	Financial Institutions- banking institutions; commercial banks and cooperative banks. Non-banking institutions; organized and unorganized institutions.	15
IV	Financial services; meaning, nature, functions, importance, types: fund based and non-fund based. Challenges faced by the Indian Financial Service Sector. Recent developments take place in financial service sector in India.	15
V*		

Suggested Evaluation Methods

Internal Assessment: 30	**End Term Examination:70**
➢ **Theory (All these activities will be covered under Tutorials. Approximate contact Hours =15)** Class Participation 5 Seminar/Presentation/Assignment/Quiz/Class Test etc. 10 Mid Term Exam 15 ➢ **Practicum** Class Participation	Theory

Seminar/Demonstration/Viva Voce/Lab Records etc. Mid Term Exam:	

Part-C Learning Resources
Recommended Books/E-Resources/LMS: • *Avdhani: Investment and Securities Markets in India, Himalaya Publications, Bombay.* • *Averbach, Robert D: Money, Banking and Financial Markets; MacMillan, London.* • *Bhole, L.M.: Financial Markets and Institutions, Tata McGraw Hill, Delhi.* • *Ghosh, D: Banking Policy in India, Allied Publications, Delhi.* • *Giddy, I.H: Global Financial Markets, A.I.T.B.S., Delhi.* • *Khan, M.Y: Indian Financial System, Tata McGraw Hill, Delhi.* • *Pathak, Bharati V: The Indian Financial System: Markets, Institutions and Services; Pearson Education, New Delhi.* • *Reserve Bank of India, Various Reports, RBI Publication, Mumbai.* • *Srivastava R.M.: Management of Indian Financial Institution; Himalaya Publishing House, Mumbai.* • *Varshney, P.N: Indian Financial System, Sultan Chand & Sons, New Delhi* • Paul R.R., *Money & Financial System*, Kalyani

* Applicable for courses having practical component.

DSE-1

Session 2024-25			
Part-A Introduction			
Subject	Economics		
Semester	IV		
Name of the Course	**Industrial Economics**		
Course Code	24L5.0-ECO-404		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	DSE		
Level of the course (As per Annexure-I)	200-299		
Pre-requisite for the course (if any)	N.A.		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: 1. Aims at introducing the students to industrial economics, organization, and objectives of a firm and making them understand the determinants of size and growth of the firm. 2. Understand the objective of giving exposure to students about the theories of location and limiting factors and aims at introducing factors leading to localization of industries and sellers' concentration. 3. Aims at developing an understanding of the role of economies of scale and scope, market structure, and profits of a firm with the objective of acquainting students with product innovation and product pricing practices. 4. Developing an understanding of industrial growth through mergers and acquisitions, product diversification, industrial finance, and the employment potential of Indian industry.		
	5*.		
Credits	Theory	Tutorial	Total
	03	1	04
Contact Hours	03	1	04
Max. Marks: 100 **Internal Assessment Marks: 30** **End Term Exam Marks: 70**	**Time: 3 Hrs**		

Part-B Contents of the Course

1. Nine Questions will be set in all and students will be required to attempt 5 questions.
2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks spread over the entire syllabus (2*7=14marks).
3. For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (14 marks each).

Unit	**Topics**	**Contact Hours**
I	**Introduction of Industrial Economics**: Nature and scope of Industrial Economics; Concept and Organization of a firm (ownership, control and objectives of the firm); Growth of the firm: Size and growth of a firm, Diversification & growth, growth and profitability, constraints on growth	15
II	**Theories of Location:** Theories of industrial location (Weber and Sargent theories); Factors affecting location; Industrial localization and remedial measures; Sellers' concentration.	15
III	**Markets for Industries:** Economies of Scale and scope; Market structure and profitability; Market structure and innovation; Product pricing (theories and evidence).	15
IV	**Indian Industrial Growth and Finance:** Regional Industrial growth in India; Industrial growth through mergers & acquisitions, and diversification; Industrial Finance; Sources of short term and long term finance; Structure of Industrial labour; Employment dimensions of Indian	15

	Industry	
V*		
Suggested Evaluation Methods		
Internal Assessment: 30 ➢ **Theory (All these activities will be covered under Tutorials. Approximate contact Hours =15)** Class Participation 5 Seminar/Presentation/Assignment/Quiz/Class Test etc. 10 Mid Term Exam 15 ➢ **Practicum** Class Participation Seminar/Demonstration/Viva Voce/Lab Records etc. Mid Term Exam:		**End Term Examination:70** Theory

Part-C Learning Resources
Recommended Books/E-Resources/LMS: • *Ahluwalia,I.J.(1985), Industrial Growth in India, Oxford University Press, New Delhi.* • *Barthwal, R.R.(1985),Industrial Economics, Wiley Eastern Ltd. New Delhi.* • *Brahmananda, P.R. and V.R. Panchmukhi (Eds.) (1987), The Development Process of the Indian Economy, Himalaya Publishing, Bombay.* • *Divine, P.J. and R.M. Jones et.al. (1976),An Introduction to Industrial Economics, George Allen and Unwin* • *Mamoria and Mamoria (2000), Dynamics of Industrial Relations in India (15th Edition), Himalaya Publishing House, Mumbai.* • *Cherunilam, F. (1994), Industrial Economics: Indian Perspective (3rd Edition),Himalaya Publishing House* • Kanwaljit Kaur, Jasmeet Kaur: *Industrial Economics*, Kalyani

* Applicable for courses having practical component.

DSE-1

Session 2024-25			
Part-A Introduction			
Subject	Economics		
Semester	IV		
Name of the Course	**Money and Banking**		
Course Code	24L5.0-ECO-405		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	DSE		
Level of the course (As per Annexure-I)	200-299		
Pre-requisite for the course (if any)	N.A.		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: 1. Have insight about the Money, Money supply, Money & Capital Markets- Organisation, Structure and Working 2. Have further understanding of Banking, Commercial banks- functions &Credit Creation, RBI and Credit Control measures 3. Have knowledge about nature of financial sector-money and capital market of India, Non-bank financial intermediaries . 4. Have understanding about exchange rates ,and exchange rate mechanism, theories of Exchange rate determination adjustments.		
	5*.		
Credits	Theory	Tutorial	Total
	03	1	04
Contact Hours Per Week	03	1	04
Max. Marks: 100 **Internal Assessment Marks: 30** **End Term Exam Marks: 70**	**Time: 3 Hrs**		

Part-B Contents of the Course

1. Nine Questions will be set in all and students will be required to attempt 5 questions.
2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks spread over the entire syllabus (2*7=14marks).
3. For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (14 marks each).

Unit	**Topics**	**Contact Hours**
I	**Money:** Functions, Classification and Significance; Money Supply: Determinants, Alternative Measures of Money Supply in India (concepts only); Money and Capital Market: Features, Structure, Instruments & Significance	15
II	**Banking:** Commercial Banks- Functions and Importance, Process of Credit Creation; The Reserve Banking of India: Functions and Instruments of credit control, Recent	15

	Monetary Policy of RBI.	
III	**Financial sector:** Money and Capital Markets in India: Structure, Functions and Significance; SEBI: Powers and Functions; Non-Bank Financial Intermediaries- Role and Significance; Recent Financial Sector Reforms in India.	15
IV	**Exchange Rate System**: Fixed and Flexible Exchange Rate ; Meaning, merits and demerits; determination, Theories of Exchange Rate: Mint Par, Purchasing Power Parity, and Balance of Payments Theory	15
V*		
Suggested Evaluation Methods		
Internal Assessment: 30 ➢ **Theory (All these activities will be covered under Tutorials. Approximate contact Hours =15)** Class Participation 5 Seminar/Presentation/Assignment/Quiz/Class Test etc. 10 Mid Term Exam 15 ➢ **Practicum** Class Participation Seminar/Demonstration/Viva Voce/Lab Records etc. Mid Term Exam:		**End Term Examination:70** Theory

Part-C Learning Resources
Recommended Books/E-Resources/LMS: • *M.K. Lewis (2000), Monetary Economics, Oxford University Press.* • *Bailey Roy (2005) The Economics of Financial Markets* • *R.R. Paul "Money, Banking and International Trade" Kalyani Publishers.* • *R.B.I. Bulletin, Annual Report; Report on Currency and Finance.*

* Applicable for courses having practical component.