Chaudhary Bansi Lal University, Bhiwani

(A State University established under Haryana Act No. 25 of 2014)

विद्या गुरूणां गुरूः

Scheme of Examinations & Syllabi

of

Bachelor of Economics

(Scheme A, B & C)

(w.e.f. 2024-25)

Undergraduate Programmes
as per NEP 2020

Curriculum and Credit Framework for Undergraduate Programmes

(Multiple Entry-Multiple Exit, Internship and Choice Based Credit System LOCF)

With effect from the session 2024-25 (in phased manner)

DEPARTMENT OF ECONOMICS
Chaudhary Bansi Lal University, Bhiwani
HARYANA, INDIA

Chaudhary Bansi Lal University, Prem Nagar, Bhiwani

Scheme of Examination of Bachelor of Economics

Curriculum and Credit Framework for Undergraduate Programmes as per NEP 2020

(Multiple Entry-Multiple Exit, Internships and Choice Based Credit System LOCF) with effect from the session 2024-25

(in phased manner)

Semester-1

Course Type	Applicable Scheme	Course Code	Nomenclature of the Course	Credits	Internal Assessment Marks	End term Examination Marks	Total Marks	Examination hours
CC-I, MCC-1	A, B & C	24UN-ECO-101	Micro Economics-I	4	30	70	100	3
MCC-2	C	24UN-ECO-102	Public Economics	4	30	70	100	3
CC-M1	A & B	24UN-ECO-103	Principles of Economics	2	15	35	50	3
CC-M1	C	24UN-ECO-104	Fundamental of Economics	4	30	70	100	3
MDC-I	A, B & C	From Available pool of Multidisciplinary Courses from a subject of different discipline as per NEP						
AEC-I	A, B & C	From Available pool of Ability Enhancement Courses as per NEP						
SEC-I	A, B & C	From Available pool of Skill Enhancement Courses as per NEP						
VAC-I	A, B & C	From Available pool of Value-Added Courses as per NEP						

Semester-2

Course Type	Applicable Scheme	Course Code	Nomenclature of the Course	Credits	Internal Assessment Marks	End term Examination Marks	Total Marks	Examination hours
CC-2, MCC-3	A, B & C	24UN-ECO-201	Macro Economics-I	4	30	70	100	3
DSEC-1	C	24UN-ECO-202	Economic Survey Techniques	4	30	70	100	3
CC-M2	A & B	24UN-ECO-203	Economy of Haryana	2	15	35	50	3
CC-M2	C	24UN-ECO-204	Socio-Economic Development of Haryana	4	30	70	100	3
MDC-2	A, B & C	From Available pool of Multidisciplinary Courses from a subject of different discipline as per NEP						
AEC-2	A, B & C	From Available pool of Ability Enhancement Courses as per NEP						
SEC-2	A, B & C	From Available pool of Skill Enhancement Courses as per NEP						
VAC-2	A, B & C	24UN-ECO-204	Internship of credit of 4-6 weeks duration after 2nd Semester (Mandatory in case of exit)					

Note: 1. Students exiting the programme after second semester and securing 52 credits including 4 credits of summer internship will be awarded UG Certificate in Economics under Scheme A & B.

2. Students exiting the programme after second semester and securing 48 credits including 4 credits of summer internship will be awarded UG Certificate in Economics under Scheme C.

Semester- 3

Course Type	Applicable Scheme	Course Code	Nomenclature of the Course	Credits	Internal Assessment Marks	End term Examination Marks	Total Marks	Examination hours
CC-3, MCC-4	A, B & C	24UN-ECO-301	Micro Economics -II	4	30	70	100	3
MCC-5	B & C	24UN-ECO-302	Economic History of India	4	30	70	100	3
MCC-2	B	24UN-ECO-102	Public Economics	4	30	70	100	3
CC-M3	A & C	24UN-ECO-303	Welfare Economics	4	30	70	100	3
CC-M3(V)	B	From Available pool of Minor (Vocational) Courses VOC-1						
MDC-3	A, B & C	From Available pool of Multidisciplinary Courses from a subject of different discipline as per NEP						
AEC-3	A, B & C	From Available pool of Ability Enhancement Courses as per NEP						
SEC-3	A, B & C	From Available pool of Skill Enhancement Courses as per NEP						
VAC-3	C	From Available pool of Value-Added Courses as per NEP						

Semester-4

Course Type	Applicable Scheme	Course Code	Nomenclature of the Course	Credits	Internal Assessment Marks	End term Examination Marks	Total Marks	Examination hours
CC-4, MCC-6	A, B & C	24UN-ECO-401	Macro Economics-II	4	30	70	100	3
MCC-7	B & C	24UN-ECO-402	Labour Economics	4	30	70	100	3
MCC-8	B & C	24UN-ECO-403	Indian Financial System	4	30	70	100	3
DSE-1	B & C	24UN-ECO-404	Environment Economics	4	30	70	100	3
CC-M4(V)	A, B & C	From Available pool of Minor (Vocational) Courses VOC-2						
AEC-4	A, B & C	From Available pool of Ability Enhancement Courses as per NEP						
VAC-4	A, B & C	From Available pool of Value-Added Courses as per NEP						
Internship	A, B & C	24UN-ECO-406		Internship of 4 Credits of 4-6 weeks duration after 4th Semester (Mandatory in case of exit if not done after 2^{nd} Semester)				

Note: 1. Students exiting the programme after fourth semester and securing 96 credits including 4 credits of summer internship will be awarded UG Diploma with major in Economics under Scheme A.

2. Students exiting the programme after fourth semester and securing 100 credits including 4 credits of summer internship will be awarded UG Diploma with major in Economics under Scheme B.

3. Students exiting the programme after fourth semester and securing 94 credits including 4 credits of summer internship will be awarded UG Diploma with major in Economics under Scheme C.

Semester-5

Course Type	Applicable Scheme	Course Code	Nomenclature of the Course	Credits	Internal Assessment Marks	End term Examination Marks	Total Marks	Examination hours
CC-5 MCC-9	A, B & C	24UN-ECO-501	Economic of Growth and Development-I	4	30	70	100	3
MCC-10	B & C	24UN-ECO-502	Banking & Finance	4	30	70	100	3
DSE-2	B & C	24UN-ECO-503	Gender Economics	4	30	70	100	3
DSE-3	B & C	24UN-ECO-504	International Economics-I	4	30	70	100	3
CC-M5(V)	A & C	From Available pool of Minor (Vocational) Courses VOC-3						

Semester-6

Course Type	Applicable Scheme	Course Code	Nomenclature of the Course	Credits	Internal Assessment Marks	End term Examination Marks	Total Marks	Examination hours
CC-6, MCC-11	A, B & C	24UN-ECO-601	Economics of Growth and Development-II	4	30	70	100	3
MCC-12, CC-M6	A, B & C	24UN-ECO-602	Rural and Agriculture Economics	4	30	70	100	3
DSE-4	B & C	24UN-ECO-603	International Economics-II	4	30	70	100	3
DSE-5	B & C	24UN-ECO-604	Regional Economics	4	30	70	100	3
CC-M7(V)	A, B & C	From Available pool of Minor (Vocational) Courses VOC-4						
SEC-4	C	From Available pool of Skill Enhancement Courses as per NEP						

Note: 1. Students will be awarded 3-year UG Degree with major in Economics upon securing 132 credits under Scheme A.
2. Students will be awarded 3-year UG Degree with major in Economics upon securing 136 credits under Scheme B & C.

Semester-7 (Honors/Honors with Research)

Course Type	Applicable Scheme	Course Code	Nomenclature of the Course	Credits			Internal Assessment Marks		End term Examination Marks		Total Marks	Examination hours	
				Total	Theory (T)	Practical (P)	T	P	T	P		T	P
CC-H1	B & C	24UN-ECO-701	Statistical Methods	4	4	-	30	-	70	-	100	3	-
CC-H2	B & C	24UN-ECO-702	Financial Institutions and Markets	4	4	-	30	-	70	-	100	3	-
CC-H3	B & C	24UN-ECO-703	Environmental Economics	4	4	-	30	-	70	-	100	3	-
DSE-6	B & C	24UN-ECO-704	Industrial Economics	4	4	-	30	-	70	-	100	3	-
PC-H1	B & C	24UN-ECO-705	Computer Applications in Economics	4	2	2	15	15	35	35	100	3	3
CC-HM1	B & C	From Available Core Courses in Minor Subject of 4 credits as per NEP											

Semester-8* (Honors)

Course Type	Applicable Scheme	Course Code	Nomenclature of the Course	Credits			Internal Assessment Marks		End term Examination Marks		Total Marks	Examination hours	
				Total	Theory (T)	Practical (P)	T	P	T	P		T	P
CC-H4.	B & C	24UN-ECO-801	Basic Econometrics	4	3	1	20	10	50	20	100	3	3
CC-H5	B & C	24UN-ECO-802	Mathematical Economics	4	4	-	30	-	70	-	100	3	-
CC-H6	B & C	24UN-ECO-803	Demography	4	4	-	30	-	70	-	100	3	-
DSE-7	B & C	24UN-ECO-804	Economics of Health and Education	4	4	-	30	-	70	-	100	3	-
PC-H2	B & C	24UN-ECO-805	Public Finance	4	4	-	30	-	70	-	100	3	-
CC-HM2	B & C	From Available Core Courses in Minor Subject of 4 credits as per NEP											

Semester-8** (Honors with Research)

Course Type	Applicable Scheme	Course Code	Nomenclature of the Course	Credits			Internal Assessment Marks		End term Examination Marks		Total Marks	Examination hours	
				Total	Theory (T)	Practical (P)	T	P	T	P		T	P
CC-H4	B & C	24UN-ECO-801	Basic Econometrics	4	3	1	20	10	50	20	100	3	3
CC-H5	B & C	24UN-ECO-806	Research Methodology	4	4	-	30	-	70	-	100	3	-
Research	B & C	24UN-ECO-805	Dissertation	12			-	-	300		200+300 =500	3	-
CC-HM2	B & C	From Available Core Courses in Minor Subject of 4 credits as per NEP											

Note: *Students will be awarded 4-year UG Honors degree with major in the relevant Economics upon securing 184 credits under Scheme B & C.
**Students will be awarded 4-year UG Honors with research degree with major in the relevant Economics upon securing 184 credits under Scheme B & C.

Scheme of MDC, VAC, SEC and VOC course

Semester	Course Type	Applicable Scheme	Course Code	Nomenclature of the Course	Credits			Internal Assessment Marks		End term Examination Marks		Total Marks	Examination hours	
					Total	Theory (T)	Practical (P)	T	P	T	P		T	P
1	MDC-1	A, B & C	24UN- ECO-MDC101	Elementary Economics	3	3	-	20	-	50	-	70	3	-
2	MDC-2	A, B & C	24UN- ECO-MDC201	Indian Economy-I	3	3	-	20	-	50	-	70	3	-
3	MDC-3	A, B & C	24UN- ECO-MDC301	Basic Statistics	3	3	-	20	-	50	-	70	3	-
2	SEC-2	A, B & C	24UN- ECO-SEC201	IT Skills in Economics	3	2	1	15	05	35	15	70	3	3
3	SEC-3	A, B & C	24UN- ECO-SEC301	Introduction to Python	3	2	1	15	05	35	15	70	3	3
3	SEC-3	A, B & C	24UN- ECO-SEC302	Issues of Contemporary Relevance	3	2	1	15	05	35	15	70	3	3
6	SEC-4	C	24UN- ECO-SEC601	Field work	2	2	1	15	05	35	15	70	3	3

3	VAC-3	C	24UN- ECO-VAC301	Sustainable Development Goals	2	1	1	10	05	20	15	50	3	3
4	VAC-4	A, B & C	24UN- ECO-VAC401	Contemporary Issues in Indian Economy	2	1	1	10	05	20	15	50	3	3
3	CC-M3(V)	B	24UN-ECO-303	Financial Economics	4	4	-	30		70	-	100	3	-
4	CC-M4(V)	A, B & C	24UN-ECO-405	History of Economic Thought	4	4	-	30		70	-	100	3	-
5	CC-M5(V)	A & C	24UN-ECO-505	Economics of Labour	4	4	-	30		70	-	100	3	-
6	CC-M7(V)	A, B & C	24UN-ECO-606	Economics of Planning and Development	4	4	-	30		70	-	100	3	-
7	CC-HM1	B & C	24UN-ECO-706	Indian Economy-II	4	4	-	30	-	70	-	100	3	-
8	CC-HM2	B & C	24UN-ECO-806	Data Analysis in Economics	4	2	2	15	15	35	35	100	3	3

NOTE:

CC	Core Course: A compulsory course of a subject aimed to cover the basics of Major/Minor subject
DSE	Discipline Specific Elective (DSE) Course: A discipline specific elective course is a course aimed to impart options for varied knowledge and skills in the specialized fields of a Discipline/subject.
DSEC	Discipline Skill Enhancement Course (DSEC): A discipline skill enhancement course is a course aimed to provide knowledge, skills, training and competencies in a discipline/subject.
PC	Practicum: A course or a component of a course which enables students to learn or to attain skills or to get procedural knowledge for the contents of a course through practical/laboratory activity/project and to apply learnt/studied principles/theory/concepts related to the chosen field of learning, work/vocation, or professional practice in the field of learning, work/vocation under the supervision of a teacher.
MDC	**Multidisciplinary Course:** All UG students must undergo three introductory level multidisciplinary courses relating to **Natural Sciences, Physical Sciences, Humanities, Arts & Social Sciences, Commerce & Management, And Interdisciplinary Studies.** Students are not allowed to choose or Repeat courses already undergone at the higher secondary level (12^{th} class) or opted as major and minor stream under this category.
AEC	**Ability Enhancement Course:** Ability Enhancement (Language) courses may be designed to achieve competency in the Modern Indian Language and English, with a special emphasis on language and communication skills. Hereby, the students are required to study a course on **"Communication Skills"** or any related course for the enhancement of communication skills offered by the department or from the university pool.
SEC	**Skill Enhancement Course:** Skill Enhancement Courses may be primed to impart practical skills, hands-on training, soft skills, etc., to enhance the student's employability. Students are required to study at least one Skill Enhancement Course to gain computer competency before exit.
Summer Internship	Internships will require 120 hours (1credit:30 hrs of engagement) of involvement working with local industry, government or private organizations, business organizations, artists, crafts persons, and similar entities during summers. **#Four credits of internship earned by a student during summer internship after 2^{nd} semester or 4^{th} semester will be counted in 5^{th} semester of a student who pursue 3-year UG program without taking exit option.**
VAC	**Value Added Course:** All UG students are required to study at least four Value Added Courses to complete their degree of which **"Environmental Studies"** and **"Human Values and Ethics"** are to be studied compulsorily before exit.
MIC including VOC	Minor Course (MIC) with minimum 24 Credits including Vocational Course (VOC). **Vocational Courses (VOC):** A vocational course is focused on practical work, preparingstudents for a particular skilled profession. Such courses develop capacities for sustenance, work, and economic participation and develop values and sensibilities toward physical work and dignity of labour.

Part-A Introduction	
Subject	Economics
Semester	I
Name of the Course	Micro Economics-I
Course Code	**24UN-ECO-101**
Course Type: (CC/MCC/MDC/ MIC/ DSE/VOC/AEC/SEC/ VAC	CC/MCC
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: CLO1: Get basic understanding of micro economics with the methodology of economics to develop the theory. CLO2: Acquire knowledge of the theories of consumer behavior with the factors affecting the demand of the individuals. CLO3: Understand the production function in short and long run and various costs curves. CLO4: Know the equilibrium of the pricing in the various forms of the markets.
Credits	4
Max. Marks: 100 **Internal Assessment: 30 Marks** **End Term Examination: 70 Marks**	**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 mark each).

Unit	Topics
I	Nature and scope of economics; positive versus normative analysis; methodology of economics: inductive and deductive methods, micro economics and macroeconomics, static and dynamic analysis: partial and general equilibrium.
II	Demand function, law of demand, and elasticity of demand: meaning, types and measurements; utility analysis- cardinal and ordinal analysis, concept of consumer surplus (Marshall); supply and its determinants, law of supply.
III	Short run and long run production function, law of return to factor, law of returns to scale, technical progress and production function, least-cost combination; producer's equilibrium; concept and theories of cost, short and long run cost curves.
IV	Prefect competition: features, price determination in short and long run equilibrium of firm and industry; monopoly: price and output determination, price discrimination, bilateral monopoly; monopolistic competition: features, equilibrium of the firm with product differentiation and selling cost.

Evaluation Method	
Internal Assessment: 30 Marks	**End Term Examination:70 Marks** Theory

• Class Participation (Attendance) :5 • Seminar/Presentation/Assignment/Quiz/Class Test etc.:10 • Mid Term Exam/Sessional Exam/Minor Exam:15	

Part-C Learning Resources

Recommended Books/E-Resources

1. Koutsoyiannis, A: (1979): Modern Microeconomics (2nd ed), Macmillan Press, London.
2. Sen, A (1999): Microeconomics: Theory and Applications, Oxford University Press, New Delhi.
3. Varian, H. (2000): Microeconomic Analysis, W.W. Norton, New York.
4. Baumol, W.J: (1982): Economic Theory and Operations Analysis, Prentice Hall of India, New Delhi.
5. Bain, J (1958): Barriers to New Competition, Harvard University Press, Harvard
6. Henderson, J.M. and Quandt (1980): Micro Economic Theory: A Mathematical Approach, Mc Graw Hill, New Delhi.
7. Ahuja, H.L. (2006): Advanced Economic Theory, Sultan Chand and Co., New Delhi.
8. Layard, P.R.G. and A. W. Walters (1978), Microeconomic Theory, McGraw Hill, NewYork.
9. Dwivedi, D.N. (2011), Microeconomics – Theory & Applications, Pearson.
10. Mankiw, N.G. (2012), Principles of Microeconomics, (6th Edition), South-Western Cengage Learning.
11. Salvatore D. (2006), Microeconomics-Theory and Applications, Oxford University Press.

Part-A Introduction	
Subject	Economics
Semester	I
Name of the Course	Public Economics
Course Code	**24UN-ECO-102**
Course Type: (CC/MCC/MDC/ MIC/ DSE/VOC /AEC/SEC/ VAC	CC/MCC
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: CLO1:Understand of the various principles of Public Economics. CLO2:Acquire understanding of taxation and expenditure principles and their real-world applicability. CLO3:Get basic understanding of welfare effect of public policies. CLO4:Exhibit the ability to learn and apply relevant principles of public finance for analysis of public policy on the federal nature of India.
Credits	4
Max. Marks: 100 **Internal Assessment: 30 Marks** **End Term Examination: 70 Marks**	**Time: 3 Hrs**

Part-B Contents of the Course

Instructions for Paper Setters

4. Nine Questions will be set in all and students will be required to attempt 5 questions.
5. 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).
1. For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (14 mark each).

Unit	Topics
I	Nature and scope of public economics, concept and features of public goods, private goods, merit goods, market failure and government intervention. Fiscal functions of the government.
II	Types and structure of public budget; modern classification of budget; public expenditure-meaning, importance, canons and effects; components of public expenditure in India.
III	Classification and importance of taxes; features of good tax system; ability to pay and benefit principle of tax; taxes of centre and state governments; salient features of Indian tax system; goods and services tax.
IV	Fiscal federalism in India: principles of efficient division of financial resources between central and states; role of finance commission in India, latest finance commission recommendations.

Evaluation Method

Internal Assessment: 30 Marks	**End Term Examination:70 Marks**
• Class Participation (Attendance) :5 • Seminar/Presentation/Assignment/Quiz/Class Test etc.:10 • Mid Term Exam/Sessional Exam/Minor Exam:15	Theory

Part-C Learning Resources

Recommended Books/E-Resources

1. Atkinson, A. B. and J. E. Stiglitz (1980), Lectures on Public Economics, Tata McGraw Hill, New York.
2. Govt. of India, Ministry of Finance: Economics Survey (of various years)
3. Musgrave R.A. and Musgrave P.B., Public Economics in Theory and Practice, McGraw Hill.
4. Mandal Sudipto (ed) Public Finance: Policy Issue of India.
5. M. Govind Rao and Tapan Sen (1998), Financial Federalism in India
6. M.G. Rao and Tapas Sen (1996), Financial Federalism in India, Macmillan India,
7. M. Govind Rao Changing contours in fiscal federalism in India
8. Jha, R. (1999), Modern Public Economics, Routledge, London.
9. Stieglitz, J.E., Economics of Public Sector, J.W. Norton & Company
10. Srivastava, D. K. (Ed.) (2000),Fiscal Federalism in India, Har-Anand Publications Ltd., NewDelhi.

Part-A Introduction	
Subject	Economics
Semester	I
Name of the Course	Principles of Economics
Course Code	**24UN-ECO-103**
Course Type: (CC/MCC/MDC/ MIC/ DSE/VOC /AEC/SEC/ VAC	CC-M1
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: CLO1: Understand various principles of Economics. CLO2: Understand the key components of Micro Economics CLO3: Acquainted with aggregate behavior of macroeconomic variables in an economy. CLO4: Get basic understanding of economic growth and development with various measurements.
Credits	2
Max. Marks: 50 **Internal Assessment: 15 Marks** **End Term Examination: 35 Marks**	**Time: 3 Hrs**

Part-B Contents of the Course

Instructions for Paper Setters

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

Unit	Topics
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.
II	Demand analysis, consumer equilibrium, utility and indifference curve: production function, cost function, basic features of markets: perfect competition, monopoly, monopolistic competition.
III	Concepts of GDP, GNP and National income, nominal and Real GDP, limitations of the GDP concept.
IV	Basic characteristics of the Indian economy and issue of the Indian economy: inflation, poverty, unemployment, black money and inequalities, economic reforms, liberalization and globalization.

Evaluation Method

Internal Assessment: 15 Marks	End Term Examination:35 Marks
• Class Participation (Attendance) :4 • Seminar/Presentation/Assignment/Quiz/Class Test etc.:4 • Mid Term Exam/Sessional Exam/Minor Exam :7	Theory

Part-C Learning Resources

Recommended Books/E-Resources

1. Koutsoyiannis, A. (1979). Modern Micro-Economics, Palgrave McMillan Press London.
2. Mankiw, G.N. (2018). 8th edition: Principles of Microeconomics, Cengage Learning Publication.
3. Pindyck R. and Rubinfeld D. (2017). 8th ed., Microeconomics, Pearson Publication.
4. Sen, A. (1999). Microeconomics: Theory and Applications, Oxford University Press, New Delhi.

5. Thirlwall, A.P. (2011). 9th ed. Growth and Development, Palgrave Macmillan, NewYork.
6. Meire, G.M and Rauch, J. (2000), Leading Issues in Economic Development, Oxford University Press, New York.
7. Ray, Debraj (2004). 7th ed. Development Economics, Oxford University Press, New Delhi.
8. Froyen, R. T. (2008). 10th ed. Macroeconomics: Theory and policies, Prentice Hall.
9. Mankiw, N. G. (2006). 4th ed. Principles of Macroeconomics, Cenagage Learning Publication.

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Part-A Introduction	
Subject	Economics
Semester	I
Name of the Course	Fundamental of Economics
Course Code	**24UN-ECO-104**
Course Type: (CC/MCC/MDC/ MIC/ DSE/VOC /AEC/SEC/ VAC	CC-M1
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: CLO1: Understand various fundamental of Economics. CLO2: Understand the key components of Micro Economics CLO3: Acquainted with aggregate behavior of macroeconomic variables in an economy. CLO4: Get basic understanding of economic growth and development with various measurements.
Credits	4
Max. Marks: 100 **Internal Assessment: 30 Marks** **End Term Examination: 70 Marks**	**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 mark each).

Unit	**Topics**
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.
II	Demand analysis and supply analysis, consumer equilibrium, utility and indifference curve: production function, cost function, economies of scale, law of returns, basic features of markets: perfect competition, monopoly, monopolistic competition.
III	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.
IV	Basic characteristics of the Indian economy and issue of the Indian economy (inflation, poverty, unemployment, black money and inequalities), economic reforms, liberalization and globalization, current issues of Indian economy.

Evaluation Method

Internal Assessment: 30 Marks	**End Term Examination:70 Marks**
• Class Participation (Attendance) :5 • Seminar/Presentation/Assignment/Quiz/Class Test etc.:10 • Mid Term Exam/Sessional Exam/Minor Exam :15	Theory

Part-C Learning Resources

Recommended Books/E-Resources

1. Koutsoyiannis, A. (1979). Modern Micro-Economics, Palgrave McMillan Press London.
2. Mankiw, G.N. (2018). 8th edition: Principles of Microeconomics, Cengage Learning Publication.
3. Pindyck R. and Rubinfeld D. (2017). 8th ed., Microeconomics, Pearson Publication.
4. Sen, A. (1999). Microeconomics: Theory and Applications, Oxford University Press, New Delhi.

5. Thirlwall, A.P. (2011). 9th ed. Growth and Development, Palgrave Macmillan, NewYork.
6. Meire, G.M and Rauch, J. (2000), Leading Issues in Economic Development, Oxford University Press, New York.
7. Ray, Debraj (2004). 7th ed. Development Economics, Oxford University Press, New Delhi.
8. Froyen, R. T. (2008). 10th ed. Macroeconomics: Theory and policies, Prentice Hall.
9. Mankiw, N. G. (2006). 4th ed. Principles of Macroeconomics, Cenagage Learning Publication.

Part-A Introduction	
Subject	Economics
Semester	I
Name of the Course	Elementary Economics
Course Code	**24UN- ECO- MDC101**
Course Type: (CC/MCC/MDC/ MIC/ DSE/VOC /AEC/SEC/ VAC	MDC
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: CLO1: Get the understanding of the various principles of economics. CLO2: Acquainted with aggregate behaviour of macroeconomic variables in an economy. CLO3: Get basic understanding of national income and various methods of its measurement. CLO4: Get knowledge of different market structures.
Credits	3
Max. Marks: 70 **Internal Assessment: 20 Marks** **End Term Examination: 50 Marks**	**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
I	Scope of economics, the economic problem: scarcity and choice, economic systems and their characteristics, basic economic questions: what, how, and for whom to produce, concept of production possibility curve and concept of opportunity cost.
II	Demand analysis and supply analysis: consumer equilibrium, utility analysis-cardinal and ordinal; production function, economies of scale, law of returns, cost function, markets-types and characteristics.
III	Consumption function, investment function and multiplier, trade cycles, inflation, monetary and fiscal policy, money supply, money multiplier, various definitions of money, high powered money.
IV	Various concepts of national income, PQLI, HDI, GDI, poverty and inequality: concept and measurement, sustainable development.

Evaluation Method

Internal Assessment: 20 Marks	**End Term Examination:50 Marks**
• Class Participation (Attendance) :5 • Seminar/Presentation/Assignment/Quiz/Class Test etc.:5 • Mid Term Exam/Sessional Exam/Minor Exam :10	Theory

Part-C Learning Resources

Recommended Books/E-Resources

1. Koutsoyiannis, A. (1979). Modern Micro-Economics, Palgrave McMillan Press London.
2. Mankiw, G.N. (2018). 8th edition: Principles of Microeconomics, Cengage Learning Publication.
3. Pindyck R. and Rubinfeld D. (2017). 8th ed., Microeconomics, Pearson Publication.
4. Sen, A. (1999). Microeconomics: Theory and Applications, Oxford University Press, New Delhi.

5. Thirlwall, A.P. (2011). 9th ed. Growth and Development, Palgrave Macmillan, New York.
6. Meire, G.M and Rauch, J. (2000), Leading Issues in Economic Development, Oxford University Press, New York.
7. Ray, Debraj (2004). 7th ed. Development Economics, Oxford University Press, New Delhi.
8. Froyen, R. T. (2008). 10th ed. Macroeconomics: Theory and policies, Prentice Hall.
9. Mankiw, N. G. (2006). 4th ed. Principles of Macroeconomics, Cenagage Learning Publication.
10. Gardner, A. (1978). Macroeconomics, Theory and Policy, Macmillan Library.
11. Shapiro, E. (2003). Macroeconomic Analysis, Galgotia Publications New Delhi.
12. Rana and Verma, (2015). Macroeconomic Analysis, Vishal publications.
13. Mankiw, N. G. (2000). Macroeconomics, Macmillan Worth Publishers 4th Edition.
14. Taylor, L. (1983). Structuralism Macroeconomics, Basic Books, New Longman.
15. Aggarwal, A.N. (2014). Indian Economy- Problems of Development & Planning, New Age International Publishers, New Delhi.
16. Bardhan, P.K. (2010). Political Economy of Development in India, Edition 9th Oxford University Press, New Delhi.
17. Dutt R. and Sundaram K.P.M (2016). Indian Economy, S Chand &Co. Ltd. New Delhi.

Part-A Introduction	
Subject	Economics
Semester	II
Name of the Course	Macro Economics-I
Course Code	**24UN-ECO-201**
Course Type: (CC/MCC/MDC/ MIC/ DSE/VOC /AEC/SEC/ VAC	CC/DSE
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: CLO1: Get a basic understanding of basic macroeconomics and the concept of national income, circular flow, and national income accounting. CLO2: Understand the concept of employment and output determination in context of classical and Keynesian economists. CLO3: Acquire basic understanding of consumption and investment. CLO4: Understand about various theories associated with demand for money.
Credits	4
Max. Marks: 100 **Internal Assessment: 30 Marks** **End Term Examination: 70 Marks**	**Time: 3 Hrs**

Part-B Contents of the Course

Instructions for Paper Setters

4. Nine Questions will be set in all and students will be required to attempt 5 questions.
5. 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).
6. For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (14 mark each).

Unit	Topics
I	Nature and scope of macroeconomics- significance of macroeconomics, difference between micro and macroeconomics, circular flow of income in two, three and four sector economy, concept of national income and its related aggregates, methods of measuring national income, limitations of national income estimates.
II	Theories of employment-classical theory of full employment; wage price flexibility and full employment equilibrium, Say's law of market; Keynesian theory of employment and output determination, principle of effective demand.
III	Consumption Function: short run and long run consumption function, psychological law of consumption; investment function, types of investment, Marginal Efficiency of Capital (MEC), investment multiplier.
IV	Demand for money-concept and function of money; quantity theory of money, Cambridge (Pigou and Marshall) and Fisher approach; Keynesian liquidity preference approach; post Keynesian approach (Tobin and Baumol).

Evaluation Method

Internal Assessment: 30 Marks	End Term Examination:70 Marks
• Class Participation (Attendance) :5 • Seminar/Presentation/Assignment/Quiz/Class Test etc.:10 • Mid Term Exam/Sessional Exam/Minor Exam :15	Theory

Part-C Learning Resources

Recommended Books/E-Resources

1. Froyen, R. T. (2008). 10th ed. Macroeconomics: Theory and policies, Prentice Hall.
2. Mankiw, N. G. (2006). 4th ed. Principles of Macroeconomics, Cengage Learning Publication.
3. Gardner, A. (1978). Macroeconomics, Theory and Policy, Macmillan Library.
4. Shapiro, E. (2003). ed. Macroeconomic Analysis, Galgotia Publications New Delhi.
5. Rana and Verma, (2015). Macroeconomic Analysis, Vishal publications.
6. Mankiw, N. G. (2000). Macroeconomics, Macmillan Worth Publishers 4th Edition.
7. Taylor, L. (1983). Structuralist Macroeconomics, Basic Books, New Longman.

Part-A Introduction	
Subject	Economics
Semester	II
Name of the Course	Economic Survey Techniques
Course Code	**24UN-ECO-202**
Course Type: (CC/MCC/MDC/ MIC/ DSE/VOC /AEC/SEC/ VAC	CC/DSE
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: CLO1: Get a basic understanding of basic knowledge of data and its collection CLO1: Acquire understanding of concept of Survey Technique. CLO1: Gain knowledge about primary data collection. CLO1: Understand the Random and Non-Random Sampling Techniques and Determination of Sample Size.
Credits	4
Max. Marks: 100 **Internal Assessment: 30 Marks** **End Term Examination: 70 Marks**	**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 mark each).

Unit	Topics
I	Data: definition and types; quantitative and qualitative; cross sectional and time series sources of data: primary & secondary, understanding the nature of data in CSO, NSSO, census and economic survey.
II	Survey techniques: concept, steps involved in conducting survey, methods/instruments used in collecting data through survey research, types of survey research, types of questions in survey research: structured and unstructured questions, difficulties and issues in survey research.
III	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.
IV	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.

Evaluation Method

Internal Assessment: 30 Marks	End Term Examination:70 Marks
• Class Participation (Attendance) :5 • Seminar/Presentation/Assignment/Quiz/Class Test etc.:10 • Mid Term Exam/Sessional Exam/Minor Exam :15	Theory

Part-C Learning Resources

Recommended Books/E-Resources

1. Kapur J.N. and Saxena H.C. (2015). Mathematical Statistics, Sultan Chand Publishing
2. Kothari, C.R. (2004) Research Methodology: An Introduction, New Age Publication, New Delhi.
3. S.C. Gupta (2015). Fundamentals of Statistics, S. Chand and Company, New Delhi.

Part-A Introduction	
Subject	Economics
Semester	II
Name of the Course	Economy of Haryana
Course Code	**24UN-ECO-203**
Course Type: (CC/MCC/MDC/ MIC/ DSE/VOC /AEC/SEC/ VAC	CC-M2
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: CLO1: Get a basic understanding of Haryana economy. CLO2: Understand pattern of development in different sector in economy of Haryana. CLO3: Understand the revenue and expenditure of the Haryana state government. CLO4: Get knowledge of status of infrastructure development in Haryana.
Credits	2
Max. Marks: 50 **Internal Assessment: 15 Marks** **End Term Examination: 35 Marks**	**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 mark 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
I	Structure of Haryana's economy- agriculture in Haryana, green revolution strategy, growth and productivity levels, rural credit and rural indebtedness.
II	Industry in Haryana: Pattern, performance, constraints and challenges; small scale industries: role, problem and future prospects; state and industrial development
III	State finances: sources of revenue and expenditure pattern, budgetary deficits/surplus, financial health of the state, development profile of Haryana (trends in SDP, Per Capita Income, HDI, literacy rate, life expectancy etc.).
IV	Recent trends in sectoral output, employment & inter sectoral transactions; social & demographic feature: growth of population, sex ratio, trends in urbanization, work participation rate (male & female).

Evaluation Method

Internal Assessment: 15 Marks	**End Term Examination:35 Marks**
• Class Participation (Attendance) :4 • Seminar/Presentation/Assignment/Quiz/Class Test etc.:4 • Mid Term Exam/Sessional Exam/Minor Exam :7	Theory

Part-C Learning Resources

Recommended Books/E-Resources

1. S.P. Gupta, Three Decades of Haryana Economy, S P Publications, Shivalik Enclave (NAC) Manimajra.
2. Ministry of Finance; Government of Haryana: Haryana Statistical Abstract (various issues).
3. Ministry of Finance; Government of Haryana: Economic Survey (various Issues).

4. Planning Commission, Govt. of India: Haryana Development Report, Govt. of India, New Delhi.
5. Edger M. Hoover: An Introduction to Regional Economics, New York.
6. D.R. Choudhary, Haryana At Cross Roads: Problems and Prospects National Book Trust, India, New Delhi.

Part-A Introduction	
Subject	Economics
Semester	II
Name of the Course	Socio-Economic Development of Haryana
Course Code	**24UN-ECO-204**
Course Type: (CC/MCC/MDC/ MIC/ DSE/VOC /AEC/SEC/ VAC	CC-M2
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: CLO1: Get a basic understanding of Haryana economy. CLO2: Understand pattern of development in different sector in economy of Haryana. CLO3: Understand the revenue and expenditure of the Haryana state government. CLO4: Get knowledge of status of infrastructure development in Haryana.
Credits	4
Max. Marks: 100 **Internal Assessment: 30 Marks** **End Term Examination: 70 Marks**	**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 mark each).

Unit	Topics
I	Structure of Haryana's economy- agriculture in Haryana, green revolution strategy, growth and productivity levels; irrigation strategy & levels, agricultural diversification, rural credit and rural indebtedness, agricultural marketing, status of dairy farming.
II	Industry in Haryana: Pattern, performance, constraints and challenges; small scale industries: role, problem and future prospects; state and industrial development State finances: sources of revenue and expenditure pattern, budgetary deficits/surplus, financial health of the state.
III	Physical and social sector: power sector; organizational structure, performance, Haryana Electricity Regulatory Commission, pricing policies & finances; rural electrification, transport sector, urban infrastructure, Haryana Urban Development Authority.
IV	Recent trends in sectoral output, employment & inter sectoral transactions; social & demographic feature: main religious communities, social groups/categories (Gen, OBC,SC), growth of population, sex ratio, trends in urbanization, work participation rate (male & female), development profile of Haryana (trends in SDP, Per Capita Income, HDI, literacy rate, life expectancy etc.).

Evaluation Method

Internal Assessment: 30 Marks	**End Term Examination:70 Marks**
• Class Participation (Attendance) :5 • Seminar/Presentation/Assignment/Quiz/Class Test etc.:10 • Mid Term Exam/Sessional Exam/Minor Exam :15	Theory

Part-C Learning Resources

Recommended Books/E-Resources

6

1. S.P. Gupta, Three Decades of Haryana Economy, S P Publications, Shivalik Enclave (NAC) Manimajra.
2. Ministry of Finance; Government of Haryana: Haryana Statistical Abstract (various issues).
3. Ministry of Finance; Government of Haryana: Economic Survey (various Issues).
4. Planning Commission, Govt. of India: Haryana Development Report, Govt. of India, New Delhi.
5. Edger M. Hoover: An Introduction to Regional Economics, New York.
6. D.R. Choudhary, Haryana At Cross Roads: Problems and Prospects National Book Trust, India, New Delhi.

Part-A Introduction

Subject	Economics
Semester	II
Name of the Course	Indian Economy-I
Course Code	**24UN- ECO- MDC201**
Course Type: (CC/MCC/MDC/ MIC/ DSE/VOC /AEC/SEC/ VAC	MDC
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: CLO1: Get basic understanding of Indian Economy and its objectives and Composition in economy. CLO2: Know about the features of Indian population and role of environmental sustainability. CLO3: Get acquainted with the economic reforms of 1991. CLO4: Analyse the challenges of Indian Economy.
Credits	3
Max. Marks: 70 **Internal Assessment: 20 Marks** **End Term Examination: 50 Marks**	**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
I	Structure of Indian economy- nature and characteristics of Indian economy since independence; sectoral contribution and occupational distribution, planning in India; rationale, objectives and evaluation.
II	Population and environmental sustainability- demographic features of Indian population and their trends and issues, demographic dividends; environmental challenges in India, importance of sustainable development and green initiatives.
III	Economic reforms- features of Indian economy before 1991, New Economic Policy (LPG Policy): need, features, achievements and failures, NITI Aayog: need and objectives.
IV	Issues in Indian economy- poverty and income inequality: nature, extent, estimates and policy initiatives, unemployment: nature, extent, estimates and policy initiatives, youth unemployment and demographic dividend, present challenges of Indian economy.

Evaluation Method

Internal Assessment: 20 Marks	**End Term Examination:50 Marks**
• Class Participation (Attendance) :5 • Seminar/Presentation/Assignment/Quiz/Class Test etc.:5 • Mid Term Exam/Sessional Exam/Minor Exam :10	Theory

Part-C Learning Resources

Recommended Books/E-Resources

1. Aggarwal, A.N. (2014). Indian Economy- Problems of Development & Planning, New Age International Publishers, New Delhi.
2. Virmani, A. (2014). Accelerating Growth and Poverty Reduction: A Policy Framework for India's Development.
3. Bardhan, P.K. (2010). Political Economy of Development in India, Edition 9th Oxford University Press, New Delhi.
4. Dutt R. and Sundaram K.P.M (2016). Indian Economy, S Chand &Co. Ltd. New Delhi.
5. Mishra S.K &Puri V.K. (2016). Indian Economy and its development experience, Himalaya Publishing House, New Delhi.
6. Kapila, U. (2016). Indian Economy: Policies and Performances, Edition (27th), Academic Foundation, New Delhi..
7. Jalan, B. (1996). India's Economic Policy- Preparing for the Twenty First Century, Viking, New Delhi.

Part-A Introduction	
Subject	Economics
Name of the Course	IT Skills in Economics
Course Code	**24UN- ECO- SEC201**
Course Type: (CC/MCC/MDC/ MIC/ DSE/VOC /AEC/SEC/ VAC	SEC
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: CLO1: Understand the basic concepts & fundamentals of computer. CLO2: Identify the significance of system software & learning the principles of Operating system.
Credits	3
Max. Marks: 70 **Internal Assessment: 20 Marks** **End Term Examination: 50 Marks**	**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 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
I	Introduction to computer: introduction, classification &generations of computer; Central Processing Unit (CPU); memory and storage devices, input/output devices: monitors, printers, scanners, keyboard, speaker, mouse.
II	Software: classification of software; operating system (OS), functions of OS, types of OS, features of OS (based on windows), introduction to internet- application of internet, World Wide Web, Web Brower, search engines.
III	Microsoft word: basics of Microsoft Word, editing a document, saving a document, creating table, headers and footers, spelling and grammar checker, insert graphs and pictures in the document.
IV	Microsoft power point: creating a new presentation, saving and printing presentations, different kinds of power point views, animation and show, insert images and files.

Evaluation Method

Internal Assessment	End Term Examination
Internal Assessment: 15 (Theory)+5 (Practical)= 20 Marks **15 Marks (Theory)** • Class Participation (Attendance) :4 • Seminar/Presentation/Assignment/Quiz/Class Test etc.:4 • Mid Term Exam/Sessional Exam/Minor Exam :7 **5 Marks (Practical)** • Seminar/Demonstration/ Viva-Voce/Lab record, etc.: 5	**End Term Examination: 50 Marks** **35 (Theory)+ 15 (Practical)**

Part-C Learning Resources

Recommended Books/E-Resources

1. Goel, A. (2010), Computer Fundamentals, Pearson Education.
2. Jain, R.K., IT Tools, Khanna Publishing House.
3. Jain, Satish, Rai, Ambrish, Singh, Sashi (2014), Introduction to Information Technology Paperback Edition, BPB Publications.
4. Sinha, P.K. & Sinha, P. (2007), Fundamentals of Computers, BPB Publishers.