AC – 20.04.24
Item No. 5.7(N)

As Per NEP 2020

University of Mumbai

Title of the program

A- U.G. Certificate in Economics
B- U.G. Diploma in
C- B.A. (Economics)
D- B.A. (Hons.) in Economics
E- B.A. (Hons. with Research) in Economics

Syllabus for

Semester – Sem I & II

Ref: GR dated 20th April 2023 for Credit Structure of UG

(With effect from the academic year 2024-25 Progressively)

University of Mumbai

(As per NEP 2020)

Sr. No.	Heading	Particulars	
1	**Title of program** **O: HSU-511A**	**A**	**U.G. Certificate in Economics**
	O: HSU-511B	**B**	**U.G. Diploma in Economics**
	O: HSU-511C	**C**	**B.A. (Economics)**
	O: HSU-511D	**D**	**B.A. (Hons.) in Economics**
	O: HSU-511E	**E**	**B.A. (Hons. with Research) in Economics**
2	**Eligibility** **O: HSU-512A**	**A**	H.S.C. OR Passed **OR** Passed Equivalent Academic Level 4.0
	O: HSU-512B	**B**	Under Graduate Certificate in Economics **OR** Passed Equivalent Academic Level 4.5
	O: HSU-512C	**C**	Under Graduate Diploma in Economics **OR** Passed Equivalent Academic Level 5.0
	O: HSU-512D	**D**	Bachelor of Economics with minimum CGPA of 7.5 **OR** Passed Equivalent Academic Level 5.5
	O: HSU-512E	**E**	Bachelor of Economics with minimum CGPA of 7.5 **OR** Passed Equivalent Academic Level 5.5

3	**Duration of program** **R: HSU-526**	**A**	One Year
		B	Two Years
		C	Three Years
		D	Four Years
		E	Four Years
4	**Intake Capacity** **R: HSU-527**	**120**	
5	**Scheme of Examination** **R: HSU-528**	NEP 40% Internal 60% External, Semester End Examination Individual Passing in Internal and External Examination	
6	**Standards of Passing** **R: HSU-529**	40%	
7	**Credit Structure** **Sem. I - R: HSU-530A** **Sem. II - R: HSU-530B**	Attached herewith	
	Credit Structure **Sem. III - R: HSU-530C** **Sem. IV - R: HSU-530D**		
	Credit Structure **Sem. V - R: HSU-530E** **Sem. VI - R: HSU-530F**		
8	**Semesters**	A	Sem I & II
		B	Sem III & IV
		C	Sem V & VI
		D	Sem VII & VIII
		E	Sem VII & VIII

9	**Program Academic Level**	A	4.5
		B	5.0
		C	5.5
		D	6.0
		E	6.0
10	**Pattern**	Semester	
11	**Status**	New	
12	**To be implemented from Academic Year Progressively**	From Academic Year: 2024-25	

Sign of BOS Chairman Prof. Suresh Maind Board of Studies in Economics	***Sign of the Offg. Prof Manisha Karne Associate Dean Faculty of Humanities***	***Sign of the Offg. Dr. Suchitra Naik Associate Dean Faculty of Humanities***	***Sign of the Dean Prof. Dr Anil Singh Faculty of Humanities***

PREAMBLE:

The BA (Economics) syllabus has been precisely formulated owing to its essentiality and popularity by the Board of Studies of Economics (BOS-E), the University of Mumbai, keeping up with the recent trends in the subject of economics. The BOS-E has further revised the syllabi of papers at the FYBA, SYBA, and TYBA as per the requirements of NEP 2020, which will be effective in the academic years 2024-25, 2025-26, and 2026-27 respectively. A broad overview of the revised structure, which includes the Mandatory, Minor, Vocational Skill Course (VSC), Skill Enhancement Course (SEC) papers, and Co-Curriculum Course.

The NEP-2020 has adopted a holistic and multidisciplinary approach to undergraduate education. It gives the students the flexibility to combine multidisciplinary subjects by integrating vocational courses. Given this, the curriculum for economics has been prepared. From this point of view, the curriculum of this course aims at imparting knowledge of the basic concepts of economics, which will help beginners study this subject. The papers, such as Entrepreneurship Development, Economic Data Analysis, Money Transaction and Consumer Protection, Basics of Agriculture, FinTech, Economic Data Visualization with Excel, Rural Marketing, Basic Statistics in Economics, etc. will contribute to the knowledge gained by students in rural as well as urban areas.

The BA Economics program aims to enrich the demographically critical student population of India with a comprehensive understanding of the Indian economy, public finance, budget analysis, rural enterprises, insurance, banking and financial sector, environment, and economy, among various other gravitating subjects. This course will help to build resourceful disciples who contribute to the economic development of India and therefore the world.

Program Specific Outcomes:

PSO - 1. Analytical Skills: Learners will be able to apply economic concepts and basic theories to analyze real-world economic issues, such as market behavior, schemes and policies, and economic trends. They will also be able to critically evaluate economic data using statistical techniques.

PSO - 2. Critical Thinking: The students will develop critical thinking skills and be able to analyze economic problems from multiple perspectives, consider tradeoffs, and propose innovative solutions based on economic principles.

PSO - 3. Policy Analysis: Economics students will be able to assess the impact of economic policies on various stakeholders and evaluate their effectiveness in achieving desired outcomes.

PSO 4. Financial Literacy: This course will enhance financial literacy among students concerning money, insurance, banking and finance, the share market, budget, IPR, and other aspects of the economy.

PSO - 5. Application of Research Methods: The students will learn to select and apply appropriate methods, techniques, sources, and modern computer applications for study as well as professional and personal purposes.

PSO - 6. Development of Quantitative Skills: The learner of economics will get acquainted with quantitative methods of statistics in economics and be able to apply these skills to analyze economic data and conduct empirical studies.

PSO -7. Career Prospects: The UG Economics program will enable the students to have a detailed knowledge of the skills required to be developed for entrepreneurship. Along with this, it will fulfill the needs of those who want to pursue competitive exams. This course will also make students suitable to work with the corporate sector and national and international organizations.

The Course Outcome:

After completing this course:

1. The students shall be able to understand the nature of economics from a very basic to abroader point of view.
2. Learners will understand major issues regarding the economic development of India.
3. Students will be able to understand the various aspects of economic data analysis.
4. Students will be able to analyze the relationship between agriculture development, industrial labor, management of exports and imports, rural enterprises, and the Indian economy.
5. The completion of this course will help the student appear for various competitive examinations.
6. Finally, the students will be able to develop analytical, evaluation, and entrepreneurship skills after completing the course.

Credit Structure of the Program (Sem I, II, III, IV, V & IV)

Under Graduate Certificate in Economics Credit Structure (Sem I, II, III, IV, V & IV)) Economics

Level	Semester	Major		Minor	OE	VSC, SEC (VSEC)	AEC, VEC,IKS	OJT, FP, CEP, CC,RP	Cum . Cr./Sem.	Degree/ Cum. Cr.
		Mandatory	Electives							
4.5	I	6 Microeconomics-I(4) Basic Concept in Economics-I (2)		-	2+ 2	VSC 2, SEC:2 1. EntrepreneurshipDevelopment(2). Or Basics of Agriculture (2) (2). 2. Economic Data Analysis (2) Or Money Transaction and Consumer Protection (2)	AEC:2, VEC:2, IKS:2	CC:2 Field Project (Credit -2)	22	UG Certificate -44
	II	6 Microeconomics-II (4) Basic concepts inEconomics-II (2)		(2)	2+ 2	VSC: 2+2 1. Rural Marketing(2) Or Basic Statistics in Economics -I (2) 2 Fin-Tech(1) Or Economic Data Visualization with Excel (2)	AEC:2, VEC:2	CC:2 Field Project (Credit -2)	22	
	CumCr.	12	-	2	8	4+4	4+4+2	4	44	
Exit option: Award of UG Certificate in Major with 40-44 credits and an additional 4 credits core NSQF course/ Internship OR Continue with Major and Minor										

Level 5.0	Semester	Major	Electives	Minor 4	OE 2	VSC: 2 1	AEC:2	FP:2, CC:2		UG Diploma 88
	III	8 Macroeconomics-I (4) Public Finance (4)				.Rural Enterprises (2) Or 2. Fundamental Analysis of Share Market (2) **Or** 3. Resource Management (2)		Field Project (Credit-2) Project report writting for business(Cre-2) **Or** NSS	22	
	IV	8		4	2	SEC:2	AEC:2	CEP: 2, CC:2	22	
		Macroeconomics-II (4) Indian Economy (4)				1. Computer applications in Economics (2) Or 2. Budget Analysis (2) **Or** 3.Economics of IPR		Project Writing in Economics (Credit-2) NSS (Credit-2)		
	Cum Cr.	28		10	12	6+6	8+4+2	8+4	88	
Exit Option; Award of UG Diploma in Major and Minor with 80-88 credits and an additional 4 credits core NSQF course/ Internship OR Continue with Major and Minor										

Level	Semester	Major	Electives	Minor	OE	VSC/sec	AEC/ VEC/IKS	OJT/ FP/CEP/CC/RP		
5.5	**V**	**10** 1. Advanced Micro Economics-III (4) **Any three courses of the following for 2 Credits each :** 2. Economics of Growth & Development 3. Indian Financial System-I 4. Agriculture & Cooperation-I **5.** Research Methodology-I 6. Quantitative Economics-I **7.** Environmental Economics-I 8. Mathematics for Economic Analysis **9.** Economy of Maharashtra-I 10. History of Economics Thoughts-I		**4**	**4**	1. Technical Analysis of Share Market (2) **Or** 2. Environment Social and Governance (2) **Or** 3. Introduction to AI for finance and Economics (2)		Field Project (2)	22	UG Degree 132
	VI	**10** 1. Advanced Macroeconomics-III (4) **Any three courses of the following for 2 Credits each :** 2. International Economics **3.** Indian Advanced Financial System-II 4. Agriculture & Cooperation-II **5.** Research Methodology-II 6. Quantitative Economics-II **7.** Environmental Economics-II 8. Introduction to Econometrics **9.** Economy of Maharashtra-II 10. History of Economics Thoughts-		**4**	**4**			**OJT:4** On-Job Training in Economics (4)	**22**	
	Cum Cr.	**48**	**8**	**18**	**12**	**8+6**	**8+4+2**	**8+6+4**	**132**	
		Exit option: Award of UG Degree in Major with 132 credits OR Continue with Major and Minor								

As Per NEP 2020

University of Mumbai

UG First Year F.Y.B.A. (Economics)
Mandatory Course

Title of the Course: Micro Economics I
Semester- I

(This Course is also Applicable to the Students of Institute of Distance& Open Learning (IDOL) of University of Mumbai)

Syllabus for 4 Credit Course

From the Academic year 2024- 2025

Name of the Course: Micro Economics-I

Sr. No.	Heading	Particulars
1	**Description the Course:**	This course is designed to introduce the students to elementary concepts in microeconomics, economic theories and its application. The student should be able to usethese concepts to understand the relevance of microeconomics to the real world. The learners should be able to build on these concepts in the future to develop deeper understanding of the Economy and its relevance in decision making.
2	**Vertical:**	Mandatory Course
3	**Type:**	Theory
4	**Credit**:	4 Credits
5	**Hours Allotted:**	60 Hours
6	**Marks Allotted**:	100 Marks
7	**Course Objectives**: 1. To understand subject matter of Microeconomics 2. To enhance students' knowledge about microeconomics, market and consumer's behavior 3. To enhance analytical skills of the students for solving economic problem	
8	**Course Outcomes**: Student will be able to 1. Understand basic concepts of microeconomics 2. Apply concepts of microeconomics into business and real-life problems 3. Analyse different concepts of microeconomics and their relationships 4. Evaluate different concepts of microeconomics its importance and applications in real life 5. Adapt skills set required for economic decision making .	

9	**(This Course is also applicable to the students of Institute of Distance & OpenLearning (IDOL) of University of Mumbai)**
	Module I: **Introduction of Micro Economics** **(15 Hours)**
	1. Micro economics: Meaning, nature, scope, significance and limitations **2. Economic models and Methodologies**: Scientific method, Role of Assumptions, Productionpossibility curve **3. Economist as policy advisors:** Positive economics and normative economics, managerialeconomics, causes of disagreement among economists **4. Basic concept:** wealth, welfare and scarcity
	Module II: **Understanding Fundamentals of Market** **(15 Hours)**
	1. Demand Analysis: Meaning of demand, Demand Function, Derivation of Demand curve,Individual demand versus Market Demand **2. Supply Analysis:** Meaning of supply, Supply function, Derivation of Supply curve, Individual Supply versus Market Supply. **3. Market Equilibrium: C**hanges in equilibrium, Changes in demand and Supply, movementsalong the demand curve, shifts in the demand curve, shifts in supply curve
	Module 3: Consumer's Behaviour I **(15 Hours)**
	1. Utility Analysis: meaning of Utility, Cardinal and Ordinal Approaches, types of goods:Substitutes and complementary **2. Indifference Curve Analysis**: Meaning, types and properties of indifference curve **3. Budget Constraint:** Meaning, Properties and derivation of Budget line **4. Consumer's Equilibrium:** Budget optimization, Income, Price and Substitution effect
	Module 4: Consumer's Behaviour II **(15 Hours)**
	1. Elasticity of demand: Meaning of elasticity of demand, Methods of elasticity of Demand, **2. Types of elasticity of demand:** Price, Income and cross elasticity of demand **3. Elasticity of Demand and applications:** Total revenue and the elasticity of demand, Taxes,Subsidies and elasticity effects **4. Consumer's and producer's Surplus:** meaning and computation of Consumer's andProducer's Surplus

10	**Reference Books:** 1. N.Gregory Mankiw, (2015), “Principles of Microeconomics” 7th edition- Cengage Learning. 2. Sen Anindya, (2007),“Microeconomics Theory and Applications” Oxford University press, New Delhi. 3. Salvator D, (2003) “Microeconomics Theory and Applications” Oxford University press,newDelhi. 4. M.L.Jhingan, (2006) “Microeconomics Theory”, 5th edition Vrinda Publication (P) Ltd. 5. H.L.Ahuja, (2016) “Advance Economics Theory” S.Chand & Company Ltd. 6. Paul Samuelson and W. Nordhaus, (2009): Economics, 19th Edition McGraw HillPublications.

As Per NEP 2020

University of Mumbai

Title of the Course: <u>Basic Concepts in Economics-I</u>
Semester- I
Mandatory Course

(This Course is also Applicable to the Students of Institute of Distance& Open Learning (IDOL) of University of Mumbai)

Syllabus for 2 Credit Course

From the Academic Year-2024-2025

Name of the Course: <u>**Basic Concepts in Economics-I**</u>

Sr. No.	Heading	Particulars
1	**Description the Course:**	The course aims to equip the students with a understanding basic of concepts of used in microeconomics such as Ceteris Paribus, Variables, Function, Equation, Identities, Line, curves, slope, graphs, diagrams, table or schedules.
2	**Vertical:**	Mandatory Course
3	**Type:**	Theory
4	**Credit**:	2 Credits
5	**Hours Allotted:**	30 Hours
6	**Marks Allotted**:	50 Marks
7	**Course Objectives**: The course objectives Basic Concepts in Economics-I can be summarized as follows: 1. To acquaint the students with the basic concepts of microeconomics. 2. To help the students to understand the basic concepts used in microeconomics theories.	
8	**Course Outcomes**: By the end of this course, students will be able to CO1: Remember the meaning and importance of various basic concepts used in economics. CO2: Understand the types and use of various basic concepts used in economics. CO3: Apply various basic concepts in a different scenario. CO4: Create various basic concepts used in economics in a hypothetical situation.	

9	**(This Course is also applicable to the students of Institute of Distance & OpenLearning (IDOL) of University of Mumbai)**
	Module I: Introduction to basic concepts in economics: (15 hours) (1 Credit)
	• Ceteris Paribus, Variables, Functions, Equations and Identities: Meaning, Significance and Uses.
	Module II: Graphs and Tables (15 hours) (1 Credit)
	• Lines and Curves, Slope, Graphs and Diagrams: Meaning, Types, Importance & Uses. • Tables or Schedules: Meaning, characteristics, importance and uses.
10	**Reference Books:** 1. Lipsey, R.G. and A.K. Chrystal, Economics, Oxford Univ. Press, 2007. 2. Mankiw, N.G., Economics: Principles and Applications, Cengage Learning, 2009. 3. Pindyck, R.S. and D.L. Rubinfeld, Microeconomics, Pearson Education, 2008. 4. Bradley R. Schiller, The Macro Economics Today, Tata McGraw-Hill, 2011. 5. B. Douglas Bernheim and Michael D. Whinston, Micro economics, Tata McGraw-Hill,2011. 6. Stiglitz, J.E. and C.E. Walsh, Principles of Economics, W.W. Norton, 2002. 7. Salvatore, D.L., Microeconomics: Theory and Applications, Oxford Univ. Press, 2008. 8. Suma Damodaran, Managerial Economics, Oxford University Press, 2006 9. Varian, H.R., Intermediate Microeconomics: A Modern Approach, W.W. Norton, 2002. 10. Sen, Anindya, Microeconomic Theory, Oxford Univ. Press, 1999. 11. Koutsoyiannis, A., Modern Microeconomics, MacMillan Press, 1979. 12. H.L. Ahuja, Business Economics, 1999. H.L. Ahuja, Principles of Microeconomics

As Per NEP 2020

University of Mumbai

Title of the Course: Entrepreneurship Development
Semester- I
Skill Enhancement

(This Course is also Applicable to the Students of Institute of Distance& Open Learning (IDOL) of University of Mumbai)

Syllabus for 2 Credit Course

From the Academic Year-2024-2025

Name of the Course: Entrepreneurship Development

Sr. No.	Heading	Particulars
1	**Description the Course:**	Entrepreneurial development plays a significant role in economic growth. It encourages innovations, new ideas, products and services to the market. It promotes healthy industrial atmosphere by creating avenues for setting the industries and creating wealth and new positions. It provides large scale employment and ways to promote qualities of human life by improving standard of living. There is wider scope in the rural areas for entrepreneur development in the form of agri entrepreneurship. The course on Entrepreneurship Development will help the student's understanding about the conceptual, theoretical and practical knowledge of entrepreneurial abilities and skills.
2	**Vertical:**	Skill Enhancement√
3	**Type:**	VSC
4	**Credit**:	2 Credits
5	**Hours Allotted:**	30 Hours
6	**Marks Allotted**:	50 Marks
7	**Course Objectives**: 1) To inculcate theoretical understanding about entrepreneurship 2) Creating knowledge base to enhance entrepreneurial abilities qualities and skills 3) To enlighten knowledge about entrepreneurship, agri entrepreneurship and development 4) To acquaint students' knowledge with recent trends and development	
8	**Course Outcomes**: Student will be able to 1) Understand about various aspects about entrepreneurship development 2) Apply entrepreneurial knowledge and skills for solving real life problems 3) Analyse different opportunities and challenges of Entrepreneurship development 4) Evaluate different policies and programmes on entrepreneurship. 5) Adapt skill set required to become successful entrepreneur and face any challenges.	

9	**(This Course is also applicable to the students of Institute of Distance & OpenLearning (IDOL) of University of Mumbai)**
	Module I: Introduction (15 hours) (1 Credit)
	Entrepreneurship -Meaning, Definition and Significance -Types of Entrepreneurs - Essential qualities to become successful entrepreneur -Functions of Entrepreneur-Obstacles and Challenges before entrepreneurs-Measures to overcome obstacles-Examples of successful Indian entrepreneurs- Incentives and subsidies to entrepreneurs in India.
	Module II: **Entrepreneurship and Entrepreneurial Development (15 Hours)** (1 Credit)
	Factors influencing entrepreneurial development-Role of psychological, social and cultural factors in entrepreneurial development - Agriprenuership: meaning and importance, Entrepreneurial opportunities in agro sector, Challenges of Agriprenuership - Remedial measures- Role of entrepreneurial development institutes in India- - Recent Development in policies and programmes on entrepreneurship. .
10	**Reference Books:** 1. Hisrich, R. D., Peters, M. P., & Shepherd, D. A. (2017). Entrepreneurship. Tata McGraw-Hill Education. 2. Desai, Vasant. *Dynamics of Entrepreneurial Development and Management: Planning for future sustainable growth*. Himalaya Publication House , 2018. 3. Habbershon, Timothy G. *Entrepreneurship: The Engine of Growth*. Praeger Publishers Inc, 2006. 4. Joshi, Dr. Savita. *Entrepreneurship, Innovations & Start-Ups in India*. New Century Publications , 2017. 5. N.P.SRINIVASAN, C.B. GUPTA &. *Entrepreneurship Development in India* . Sultan Chand & Sons , 2013. 6. Timmons, Jeffry A., and Spinelli, Stephen. *New Venture Creation: Entrepreneurship for the 21st Century.* McGraw-Hill Education 7. Kuratko, D. F., & Rao, V. (2018). Entrepreneurship: Theory, Process, and Practice. Cengage Learning India.

As Per NEP 2020

University of Mumbai

Title of the Course: Basics of Agriculture-I
Semester- I

Skill Enhancement

(This Course is also Applicable to the Students of Institute of Distance& Open Learning (IDOL) of University of Mumbai)

Syllabus for 2 Credit Course

From the Academic Year-2024-2025

Name of the Course: **Basics of Agriculture-I**

Sr. No.	Heading	Particulars
1	**Description the Course:**	This course provides students with a basic understanding of the types of agriculture in India, along with cropping patterns, the importance of millets, and the need for and measures to improve the productivity of Indian agriculture. This course will familiarize learners with institutes and schemes launched in India to provide capital to this sector.
2	**Vertical:**	Skill Enhancement√
3	**Type:**	VSC
4	**Credit**:	2 Credits
5	**Hours Allotted:**	30 Hours
6	**Marks Allotted**:	50 Marks
7	**Course Objectives**: 1. To provide the students with knowledge about the understanding of agriculture in India. 2. Apply the facts to grasp the contribution of agriculture in the Indian scenario. 3. To analyze the requirements of the agriculture sector. 4. To evaluate the various schemes meant to help this sector in India.	
8	**Course Outcomes**: The learner will be able to 1. Comprehend and understand the various aspects of agriculture in India. 2. Examine and assess the reasons behind low productivity of the agriculture sector in India. 3. Inspect and weigh up implemented schemes for agriculture in India 4. Synthesize the role of agriculture and the Indian economy in a better manner.	

9	**(This Course is also applicable to the students of Institute of Distance & OpenLearning (IDOL) of University of Mumbai)**
	Module I: (15 hours) (1 Credit)
	Agriculture: Types of Agriculture, Types of Cropping Pattern, Factors determining Cropping Pattern, Role of Agriculture in Economic Development, the International Year of Millets, Causes of Low Productivity, and Measures to Improve Productivity.
	Module II: **Capital Formation in Agriculture Sector** **(15 Hours)** (1 Credit)
	NABARD: Role, Functions, and Long Term Refinance, PM-KISAN 2019 Scheme, National Agriculture Market (e-NAM) Platform, Pradhan Mantri Fasal Bima Yojana (PMFBY), and MGNREGA Scheme
10	**Reference Books:** 1. Memoria, C.B., & Badri Bishal Tripathi (2003), Agricultural Problems of India, Kitab MahalAgencies, Patna. 2. Sankaran, S. (2010), Indian Economy, Margham Publications, Chennai. 3. ARD, https://www.nabard.org/ 4. https://pmkisan.gov.in/ 5. https://www.enam.gov.in/web/ 6. https://www.mygov.in/campaigns/pmfby/ 7. http://nrega.nic.in/

As Per NEP 2020

University of Mumbai

Title of the Course: **Economic Data Analysis**

Semester- I
Skill Enhancement

(This Course is also Applicable to the Students of Institute of Distance& Open Learning (IDOL) of University of Mumbai)

Syllabus for 2 Credit Course

From the Academic Year-2024-2025

Name of the Course: Economic Data Analysis

Sr. No.	Heading	Particulars
1	**Description the Course:**	The Economic Data Analysis course provides students with a comprehensive understanding of the principles, methodologies, and tools used in analyzing economic data. In an era where data is abundant yet complex, this course equips students with the skills necessary to interpret, manipulate, and draw meaningful conclusions from economic datasets. This course enables learners to develop foundation in economic data analysis, extract meaningful insights from the data for decision making processes and contribute to evidence based economic research and policy formation.
2	**Vertical:**	Skill Enhancement√
3	**Type:**	SEC
4	**Credit**:	2 Credits
5	**Hours Allotted:**	30 Hours
6	**Marks Allotted**:	50 Marks
7	**Course Objectives**: 1. To understand economic data and various sources of data 2. To enhance analytical skill of the students. 3. To equip students with required skill set for visualization and presentation of economic data.	
8	**Course Outcomes**: The learner will be able to 1. Understand different data types, data interpretation and visualizations 2. Apply economic data for policy formation, solving business and real-life problems 3. Analyse different economic data and their relationships 4. Evaluate different data sources and their importance 5. Adapt skills set for better understating of economic data	

9	**(This Course is also applicable to the students of Institute of Distance & OpenLearning (IDOL) of University of Mumbai)**
	Module I: Meaning, Types and Data Analysis (15 hours) (1 Credit)
	1. **Meaning and Types of Data:** Quantitative Data, Qualitative Data, Time Series Data,Cross-Sectional Data, Panel Data. 2. **Descriptive statistics:** mean, median, mode, Interquartile Range, Percentiles, Quartiles 3. **Data visualization techniques:** graphs, scatter plots, histograms, bar charts, best practicesfor effective data visualization.
	Module II: Sources of Economic data in India (15 Hours) (1 Credit)
	1. **Official Government Agencies:** Central Statistical Office (CSO), Ministry of Finance, Reserve Bank of India (RBI), Ministry of Commerce and Industry, Ministry of CorporateAffairs (MCA) 2. **Social and Demographic Data:** National Sample Survey Office (NSSO), Census of India 3. **Other Data Sources**: Agricultural Data, Financial Markets and Regulatory Bodies, Tradeand Industry Associations Research Institutions and Think Tanks: International Organizations, Private Sector Data
10	**Reference Books:** 1. Kezdi, G. B. (2021). *Data Analysis for Business economics and Policy* . CambridgeUniversity Press. 2. Knaflic, c. N. (2015). *Storytelling with Data: A Data Visualization Guide for BusinessProfessionals* . Wiley 1st edition. 3. G.O.I. *Annual Report* . National Statistical Commission, GOI. 4. R. B.I. *Handbook of Statistics on the Indian Economy*, RBI. 5. Ministry of Finance, GOI, *Economic survey*, Government of India. 6. Office, N. S. *National Sample Survey Report.* Ministry of Statistics and ProgrammeImplementation,GOI. 7. Office, N. S. ,*PERIODIC LABOUR FORCE SURVEY* . Ministry of Statistics andProgramme Implementation, GOI. 8. Center for Monitoring Indian Economy, (CMIE), www.cmie.com

AAs Per NEP 2020

University of Mumbai

Title of the Course: Money Transaction and Consumer Protection
Semester -I
Skill Enhancement

(This Course is also Applicable to the Students of Institute of Distance& Open Learning (IDOL) of University of Mumbai)

Syllabus for 2 Credit Course

From the Academic Year-2024-2025

Name of the Course: Money Transaction and Consumer Protection

Sr. No.	Heading	Particulars
1	**Description the Course:**	Money Transactions can be classified in two ways i.e, online and offline. In the era of globalization and due to increasing online business, online money transactions are mostly utilised by customers. Many of the times, customers may be cheated by other parties because of lack of knowledge about online system. This course is specifically for the students to understand the various money transactions and their applications in our day-to-day life. It also gives some introductory information about laws related to money transactions for consumer protection.
2	**Vertical:**	Skill Enhancement√
3	**Type:**	SEC
4	**Credit**:	2 Credits
5	**Hours Allotted:**	30 Hours
6	**Marks Allotted**:	50 Marks
7	**Course Objectives**: 1. To enhance financial literacy among students. 2. To understand the methods of money transactions. 3. To acquaint the basic knowledge about financial instruments and the laws applicable to it	
8	**Course Outcomes**: The learner will be able to 1. Comprehend the Indian financial system in relation to banks. 2. Understand the digital payment applications and UPI system. 3. Analyze fraud and scams related to money transactions. 4. Apply consumer safety and protection norms to their daily money transactions.	

<table>
<tr><td>9</td><td>(This Course is also applicable to the students of Institute of Distance & OpenLearning (IDOL) of University of Mumbai)</td></tr>
<tr><td></td><td>Module I: Method of Money Transaction (15 hours) (1 Credit)</td></tr>
<tr><td></td><td>1. Introduction of Indian financial system with respect to banking sector.
2. Introduction to payment technology: Digital payment applications and UPI
3. Safety of digital money transactions.
4. Frauds and scams related to money transactions.
1.</td></tr>
<tr><td></td><td>Module II: Basic Financial Instruments and Consumer Protection (15 Hours) (1 Credit)</td></tr>
<tr><td></td><td>1. Meaning, importance and scope of Cheques and DD. Methods of writing a cheques.
2. Understanding Pay Orders.
3. Consumer Protection in Online Money Transaction.
4. Consumer Protection: Role of Bank Ombudsman.</td></tr>
<tr><td>10</td><td>Reference Books:
1. Mr. R.N. Chaudhary: ‘Banking Laws: The banking Regulations Act 1949/ RBI Act1934/ The Negotiable’, Central law Publications, Fourth Edition, January, 2016.
2. N. Maheshwara Swamy: ‘Banking Negotiable Instruments’, Asia Law House. Frist Edition, 2023.
3. Macmillan: ‘Indian Economy and Indian Financial System’, First Edition, January,2023.
4. www.rbi.org.in
5. www.consumeraffairs.nic.in</td></tr>
</table>

As Per NEP 2020

University of Mumbai

UG First Year F.Y.B.A. (Economics)

Title of the Course: Micro Economics II
Semester -II
Mandatory Course

(This Course is also Applicable to the Students of Institute of Distance& Open Learning (IDOL) of University of Mumbai)

Syllabus for 4 Credit Course

From the Academic Year-2024-2025

Name of the Course: Micro Economics-II

Sr. No.	Heading	Particulars
1	**Description the Course:**	This course is designed to introduce the students to elementary concepts in microeconomics, economic theories and its application. The student should be able to usethese concepts to understand the relevance of microeconomics to the real world. The learners should be able to build on these concepts in the future to develop deeper understanding of the Economy and its relevance in decision making.
2	**Vertical:**	Mandatory Course
3	**Type:**	Theory
4	**Credit**:	4 Credits
5	**Hours Allotted:**	60 Hours
6	**Marks Allotted**:	100 Marks
7	**Course Objectives**: 1. To understand the concept of Microeconomics. 2. To enhance students' knowledge about Production, Cost and Revenue 3. To acquaint the basic knowledge about Different Market Structure.	
8	**Course Outcomes**: The learner will be able to 1. Understand the basic concepts of microeconomics 2. Apply Production function and Producer's Equilibrium 3. Analyse different concepts of Cost, Revenue and Factor Pricing. 4. Analysing Markets and Equilibrium in Different Market Structures .	

9	**(This Course is also applicable to the students of Institute of Distance & OpenLearning (IDOL) of University of Mumbai)**

Module I: **Production Analysis** **(15 Hours)**

1. Production Function: Concept and types: Law of Variable Proportion and Returns toScale,
2. Concepts of Total, Average and Marginal Product.
3. Isoquant and Producer's Equilibrium

Module II: **Cost and Revenue Analysis**

1. Concepts of Costs: Money and Real Cost, Social Cost, Private Cost, Explicit and ImplicitCost.
2. Opportunity Cost; Relationship between Average, Marginal and Total Cost;
3. Derivation of Short Run and Long Run Cost Curves;
4. Concepts of Revenue: Types and Interrelationship

Module 3: Factor Pricing **(15 Hours)**

1. Marginal Productivity Theory of Distribution; Rent: Ricardian Theory of Rent, ModernTheory of Rent.
2. Wages: Modern Theory of Wages; Collective Bargaining; Supply Curve of Labour.
3. Interest: Classical Theory of Interest, Loanable Funds Theory of Interest.
4. Profit: Risk and Uncertainty Theory.

Module 4: Equilibrium in Different Market Structures **(15 Hours)**

1. Concept of Equilibrium: TR - TC and MR - MC Approach.
2. Markets structures: Perfect and Imperfect competition (Monopoly, MonopolisticCompetition and Oligopoly): Features
3. Equilibrium under various market structures.

10	**Reference Books:**
	1. A. Koutsoyainnis, (2015), Modern Microeconomics, 2nd edition, Palgrave Macmillan. 2. Paul Samuelson and W. Nordhaus, (2019), Economics, 20th edition: Economics, McGrawHill Publications. 3. Mankiw M.G (2015), Principles of Micro economics 7th edition - Cengage Learning. 4.H.L.Ahuja, (2016) “Advance Economics Theory” S.Chand & Company Ltd. 5. Anindya Sen, (2006), Microeconomics, OUP India Publisher. 6. M.L.Jhingan, (2006), “Microeconomics Theory”, 5th edition,Vrinda Publication 7. Salvator D, (2003) “Microeconomics Theory and Applications” Oxford University press,new Delhi.

As Per NEP 2020

University of Mumbai

Title of the Course: <u>Basic Concepts in Economics-II</u>
Semester -II
Mandatory Course

(This Course is also Applicable to the Students of Institute of Distance& Open Learning (IDOL) of University of Mumbai)

Syllabus for 2 Credit Course

From the Academic Year-2024-2025

Name of the Course: <u>**Basic Concepts in Economics-II**</u>

Sr. No.	Heading	Particulars
1	**Description the course:**	The course aims to equip the students with a understanding ten principles used in economics. The said course also aims to provide basic information on concepts used in macroeconomics, this course will help students, when students enters into the SYBA.
2	**Vertical:**	Mandatory Course
3	**Type:**	Theory
4	**Credit**:	Theory: 2 credits
5	**Hours Allotted:**	30 Hours
6	**Marks Allotted**:	50 Marks
7	**Course Objectives**: The course objectives Basic Concepts in Economics-II can be summarized as follows: 1. To acquaint the students with the basic concepts of Microeconomics. 2. To help the students to understand the ten principles of economics. 3. To provide basic information on concepts used in Macroeconomics.	
8	**Course Outcomes**: By the end of this course, students will be able to. CO1: Remember the meaning and importance of various basic concepts used in economics. CO2: Understand the ten principles of economics and macroeconomics. CO3: Apply the various basic concepts in a given scenario. CO4: Create the various basic concepts of used in economics in a hypothetical situation.	

9	**(This Course is also applicable to the students of Institute of Distance & Open Learning (IDOL) of University of Mumbai)**
	Module I: **Ten Principles of Economics:** (15 hours) (1 Credit)
	• Trade-offs faced by the individuals • Significance of opportunity cost in decision making • Thinking at the margin • Responses to incentives • Benefits from exchange • Organization of economic activities through markets and its benefits • Role of government in improving market outcomes • Dependence of standard of living on production • Growth in quantity of money and inflation • Inflation and unemployment trade-off
	Module II: **Concepts in Macroeconomics:** (15 hours) (1 Credit)
	• GDP, NDP, GNP, NNP, PCI, Real vs. nominal GDP, GDP deflator. • Inflation. • Employment and Full Employment. • Union Budget • Rate of Interest • Business cycle • Foreign Exchange Rate • Balance of Payment

10	**Reference Books:**
	1) Mankiw, N.G., Economics: Principles and Applications, Cengage Learning, 2009. 2) Stiglitz, J.E. and C.E. Walsh, Principles of Economics, W.W. Norton, 2002. 3) Suma Damodaran, Managerial Economics, Oxford University Press, 2006 4) Salvatore, D.L., Microeconomics: Theory and Applications, Oxford Univ. Press, 2008. 5) Lipsey, R.G. and A.K. Chrystal, Economics, Oxford Univ. Press, 2007. 6) Pindyck, R.S. and D.L. Rubinfeld, Microeconomics, Pearson Education, 2008. 7) Bradley R. Schiller, The Macro Economics Today, Tata McGraw- Hill, 2011. 8) B. Douglas Bernheim and Michael D. Whinston, Microeconomics, Tata McGraw- Hill,2011. 9) Sen, Anindya, Microeconomic Theory, Oxford Univ. Press, 1999. 10) Koutsoyiannis, A., Modern Microeconomics, MacMillan Press, 1979. 11) H.L. Ahuja, Business Economics, 1999. 12) 12) H.L. Ahuja, Principles of Microeconomics

As Per NEP 2020

University of Mumbai

Title of the Course: <u>Rural Marketing</u>
Semester -II
Skill Enhancement

(This Course is also Applicable to the Students of Institute of Distance& Open Learning (IDOL) of University of Mumbai)

Syllabus for 2 Credit Course

From the Academic Year-2024-2025

Name of the Course: Rural Marketing

Sr. No.	Heading	Particulars
1	**Description the course:**	The course on Rural marketing provides comprehensive understanding about nature, scope, policies and strategies of rural marketing. The course equipes learner to develop effective marketing strategies for rural area as Rural consumers have distinct requirements and preferences influenced by factors like agricultural practices, livelihood patterns, and cultural traditions. The course also provide overview of supporting institutions for rural and agricultural marketing. The learners both from rural and urban areas can understand the need of an hour and strengthen their qualities to grab the opportunities offered by rural markets.
2	**Vertical:**	Skill Enhancement
3	**Type:**	VSC
4	**Credit**:	Theory: 2 credits
5	**Hours Allotted:**	30 Hours
6	**Marks Allotted**:	50 Marks
7	**Course Objectives**: 1. To Understand Rural Consumer Behaviour. 2. To Identify Market Opportunities in rural areas. 3. To Develop Effective Marketing Strategies. 4. To Overcome the Challenges in Rural Marketing.	
8	**Course Outcomes**: The learner will be able to 1. Understand the unique characteristics, consumer behaviour strategies and institutional support for rural marketing. 2. Examine different aspects of rural marketing 3. Explain nature, scope and challenges of rural marketing and behaviour of rural consumer 4. Evaluate problems, policies and marketing strategies for rural markets. 5. Adapt skills set required to overcome the challenges associated with marketing in rural areas	

9	**(This Course is also applicable to the students of Institute of Distance & OpenLearning (IDOL) of University of Mumbai)**
	Module I: **Introduction To Rural Marketing** (15 hours) (1 Credit)
	Concept-characteristics & scope of the rural marketing, significance of rural marketing - Factors of Rural Markets- Problem of Rural Marketing and Remedies. Concept, Nature & types of Agricultural Marketing- market segmentation in rural areas, Consumer behavior in rural market.
	Module II: **Rural Marketing Strategies and Institutional Support** (15 hours) (1 Credit)
	Product, Price strategies for rural marketing- Commission on Agriculture Costs and Prices (CACP), National Agriculture Co-operative Marketing Federation (NAFED), Agriculture and Processed Food Exports Development Authority (APEDA) - APMC (Agriculture Price & Marketing Council - The National Co-operative Development Corporation (NCDC), Food Corporation of India (FCI), - Future of Rural Marketing**.**

10	**Reference Books:** **1.** Kamat Minouti; Krishanmoorthy R. Rural marketing, Himalaya Publishing House, Girgaon, Mumbai 400004 2. Desai Vasant: Small-scale industries & entrepreneurship, Himalaya Publishing House, 3. Sherlekar S.A ; Marketing Management , Himalaya publishing House 4. Acharya S S: Agarwal N.L ; Agriculture Marketing in India, Oxford & IBH Publishing company private limited, New Delhi ,India. 5. Desai.S.S.M: Fundamental of rural economics, Himalaya publishing House. 6. Badi R.V. Badi N.V;. Rural Marketing . 7. Mishra and Puri : Development Issues of Indian Economy Himalaya Publishing House. 8. Habeeb U.R., Rahman K.S. : Rural Marketing in Indai , Himalaya Publishing House - Mumbai 400 004 9. Gopalaswamy: Rural Marketing , Vikas Publishing House New Delhi. 10. Kashyp Pradeep, Rant Siddhartha: The Rural Marketing, Biztantra, Mumbai.

As Per NEP 2020

University of Mumbai

Title of the Course: Basics of Statistics-I
Sem: II
Skill Enhancement

(This Course is also Applicable to the Students of Institute of Distance& Open Learning (IDOL) of University of Mumbai)

Syllabus for 2 Credit Course

From the Academic Year-2024-2025

Name of the Course: Basics of Statistics- I

Sr. No.	Head ing	Particulars
1	**Description the Course:**	**Name of the Course:** The Basic Statistics in Economics course provides students with a basic understanding of the basic two types of data, descriptive statistics, especially mean, mode, and median used in analyzing the data. This course will help students with data visualization in a very basic manner.
2	**Vertical:**	Skill Enhancement
3	**Type:**	VSC
4	**Credit**:	2 Credits
5	**Hours Allotted:**	30 Hours
6	**Marks Allotted**:	50 Marks
7	**Course Objectives**: Course Objectives: 1. Comprehend the students to solve the problems in various measures, such as central tendency and dispersion. 2. To equip students with the required skill set for visualization and presentation of economic data.	
8	**Course Outcomes**: The Learner will be able to 1. Comprehend the economic data. 2. Analyze different data types, data interpretations, and visualizations. 3. Apply simple statistics skills for a better understanding of economic information. 4. Critically understand the importance of data available for study.	

9	**(This Course is also applicable to the students of Institute of Distance & OpenLearning (IDOL) of University of Mumbai)**
	Module I: **Meaning and Types of Data** (15 hours) (1 Credit)
	Meaning and Types of Data Collection-Primary and Secondary sources, National Sample Survey Organization (NSSO), Central Statistical Organization (CSO), Methods of Sampling - Probability and Non- Probability Sampling.
	Module II: **Data Tabulation and Visualization** (15 hours) (1 Credit)
	Parts of Tabulation- Types of Tables; Diagrammatic and Graphical Representation- Advantages of Diagrammatic and Graphical Representation- Types of Diagram- Graphs- Histograms; Frequency Polygons; and Limitations of Diagrams and Graphs. Categorical variables : pie charts and bar graphs.
10	**Reference Books:** 1. Agarwal, B. L. (2006). *Basic statistics*. New Age International. 2. Arora, P.N. Sumeet Arora and Amit Arora (2009), Elements of Statistical Methods, Sultan Chand Sons & & Company Limited, Ram Nagar, New Delhi. 3. Gupta, S.P. (2002), Statistical Methods, Sultan Chand Sons &Co, New Delhi. 4. Kothari, C. R. (2004). *Research methodology*. New Age. 5. Moore, D. S. (2010). *The basic practice of statistics*. Palgrave Macmillan. 6. Pillai R.S. N. & Bagavathi (2007) Statistics-Theory and Practice, S.Chand & Company Ltd, New Delhi -110055.

As Per NEP 2020

University of Mumbai

Title of the Course: FIN TECH

Sem: II

Skill Enhancement

(This Course is also Applicable to the Students of Institute of Distance& Open Learning (IDOL) of University of Mumbai)

Syllabus for 2 Credit Course

From the Academic Year-2024-2025

Name of the Course: FIN TECH

Sr. No.	Heading	Particulars
1	**Description the Course:**	FIN TECH course provides students with a comprehensive understanding about how technological innovations are reshaping banking and financial sector. Fintech has emerge as a catalyst, blending cutting-edge technology with financial services to redefine traditional practices and introducing ground breaking solutions. This course aims to provide a comprehensive understanding of fintech's multifaceted realm, from its inception to its current and future applications
2	**Vertical:**	Skill Enhancement
3	**Type:**	SEC
4	**Credit**:	2 Credits
5	**Hours Allotted:**	30 Hours
6	**Marks Allotted**:	50 Marks
7	**Course Objectives**: 1. To understand basic concepts underlying Fintech 2. To acquaint students with opportunities, importance and challenges of Fintech 3. To equip students with required skill set for applications and uses of fintech.	
8	**Course Outcomes**: The Learner will be able to 1. Understand role and applications of technology in financial sector 2. Apply innovative technology for providing financial services 3. Analyse diverse landscape of Fin Tech 4. Evaluate different Fin Tech, its importance and challenges 5. Adapt skills set for uses and applications of Fin-technology	

9	**(This Course is also applicable to the students of Institute of Distance & OpenLearning (IDOL) of University of Mumbai)**
	Module I: **Introduction to FinTech** (15 hours) (1 Credit)
	1. **Overview of Fin Tech:** Meaning, Historical overview, Scope and Trends FinTech, Financial Inclusion and FinTech 2. **Importance and impact of technology in Financial Services:** Fin Tech and India 3. **Fin Tech Ecosystem:** Key Players in Fin Tech industry, Fin Tech Business Models
	Module II: **Fin Tech: Payment, Digital Finance and Regulation** (15 hours) (1 Credit)
	1. **Emergence of FinTech in Payment Systems:** Digital payment, Mobile wallet Payments,Contactless payments, Payment processing and infrastructure 2. **Peer-to-Peer Lending and Crowdfunding:** Overview of P2P Lending, CrowdfundingModels 3. **Fintech Startups and entrepreneurship:** Launching Fintech Startups, Funding optionsand venture capital, Success stories and challenges.
10	**Reference Books:** 1. Kulkarni, Aditya. *Auth n Capture: Introduction to India's Digital Payments Ecosystem*.Chennai: Notion Press 1st edition , 2021. 2. Maurizio Pompella, Roman Matousek. *The Palgrave Handbook of Fin Tech and Blockchain*.Palgrave Macmillan Cham, 2021. 3. Mistry, Dr. Komal. *Fintech in India* . Atlantic Publishers , n.d. 4. Phadke, Mr. Sanjay. *Fintech Future: the Digital DNA of Finance* . 2020: Sage Publication,n.d. 5. Susanne Chishti, Janos Barberis. *The Fintech Book: The Financial Technology Handbookfor Investors, Entrepreneurs and Visionaries*. Wiley; 1st edition, 2016.

As Per NEP 2020

University of Mumbai

Title of the Course: Economic Data Visualization with Excel

Sem: II

Skill Enhancement

(This Course is also Applicable to the Students of Institute of Distance& Open Learning (IDOL) of University of Mumbai)

Syllabus for 2 Credit Course

From the Academic Year-2024-2025

Name of the Course: Economic Data Visualization with Excel

Sr. No.	Heading	Particulars
1	**Description the Course:**	This course will provide leaners with a comprehensive understanding about Data visualization techniques in Excel. As Economist have to deal with large and complex data sets and make decisions for policy framing, business and solving social issues. Data Visualization is an important element in analysing data. Microsoft Excel serves as the foundational tool for data analysis with its visual representation features. Learners will explore various visualization techniques, learn to create insightful charts, graphs, and dashboards, and understand the principles of data representation for effective communication and decision-making.
2	**Vertical:**	Skill Enhancement
3	**Type:**	SEC
4	**Credit**:	2 Credits
5	**Hours Allotted:**	30 Hours
6	**Marks Allotted**:	50 Marks
7	**Course Objectives**: 2. To understand basic features of MS Excel 3. To acquaint with techniques of data Visualisations 4. To equip with required skill set for Data Visualisation using MS.- Excel	
8	**Course Outcomes**: The Learner will be able to 5. Understand principles and techniques of Data Visualisation 6. Apply features of MS-Excel 7. Analyse different visualization techniques and tools for a variety of Data Set 8. Evaluate Data using MS-Excel 9. Adapt skills set for uses and applications of MS Excel for Data Visualisation and Analysis	

9	**(This Course is also applicable to the students of Institute of Distance & OpenLearning (IDOL) of University of Mumbai)**
	Module I: **Introduction to data Visualisation and MS-Excel** (15 hours) (1 Credit)
	1. **Introduction:** Importance, Need and principles of data visualization 2. **Basic features of MS-Excel:** Excel interface overview, shortcuts, standard toolbar, customizing the quick access toolbar, Excel self help 3. **Basic formatting:** Data Import, formatting and cleaning in excel, conditional function and other functions 4. **Data Processing and Data Lookups:** sorting and filtering, Data validation with lists, table, text to column 5. **Data Analysis in Excel:** Data Analysis tools, formulas
	Module II: **Data Visualization in Excel** (15 hours) (1 Credit)
	1. **Introduction to chart:** Numerical charts and non-numerical charts, sparklines 2. **Visualization with excel charts:** creating charts from data 3. **Pivot tables:** Creating Pivot tables, Using the pivot table toolbar, slicers, pivot charts **4. Introduction and use of dashboard and infographics and KPI** **5. Analyzing real-word dataset:** Data Visualization and Statistical analysis
10	**Reference Books:** 1. Manning, Patrick. *Excel Data Analysis: Your Visual Blueprint for Analyzing Data, Charts, and PivotTables*. Wiley, 2015 2. Arora, ritu. *Mastering Advanced Excel*. BPB Publications , 2023. 3. Camoes, Jorge. *Data at Work: Best practices for creating effective charts and information graphics in Microsoft Excel*. New Riders; 1st edition, 2016. 4. Few, Stephen. *Now You See It: Simple Visualization Techniques for Quantitative Analysis First*. Analytics Press; First Edition , 2009. 5. Kirk, andy. *Data Visualisation: A Handbook for Data Driven Design*. SAGE Publications Ltd; First Edition , 2016. 6. Knaflic, cole nussbaumer. *Storytelling with Data: A Data Visualization Guide for Business Professionals*. Wiley; 1st edition , 2015. 7. O.A, Sam. *Excel: Mastering Data Analysis, Visualization, and Automation for Success with Microsoft 365*. SA-Publishing, 2023. 8. Ranganathan, Kavita. *Impactful Data Visualization*. Penguin Business, 2023. 9. Roy, Dr. Shrishendu. *Data Visualization : Using Power BI, Orange and Excel*. Notion Press; 1st edition, 2021. Schwabish, Jonathan. *Data Visualization in Excel: A Guide for Beginners, Intermediates, and Wonks.* A K Peters/CRC Press; 1st edition, 2023

QUESTION PAPER PATTERN
(External and Internal)

For 4 Credit Courses

A- External/Semester End Examination   Marks:60   Time:2 Hours

Note: 1. Attempt any four out of six
2.Each question carries equal marks.(15 marks each)

Q.1
Q.2
Q.3
Q.4
Q.5
Q.6

(B) Continuous Internal Evaluation.   Marks:40

(Prepare the format of Internal Evaluation according to your subject)

Sr.No.	**Particular**	**Marks**
1	Assignments	15
2	Classroom Presentations	05
3	Essay Submission/ Book review	10
4	Participation in Departmental Activities / Field Visit Report	10

For 2 Credit Courses

- ***External/ Semester End Examination*** ***Marks:30*** ***Time:1 Hour***

Note: Attempt any TWO Questions. **(30 Marks**)

Q.1. Essay Type Questions (Based on Unit I). Marks 15

Q.2. Essay Type Questions (Based on Unit II). Marks 15

Q.3. Short Notes/ Problem (Attempt any two out of four Based on all Units). Marks 15

- **Continuous Internal Evaluation.** **Marks:20**

***(Prepare the format of Internal Evaluation according to your subject)**

Sr.No.	Particular	Marks
1	Classroom Presentations/ Assignments	10
2	Essay Submission/Book review/Field Visit Report / Educational Activity Report	10

Marks:20-

Letter Grades and Grade Points:

Semester GPA/ Programme CGPA Semester/ Programme	% of Marks	Alpha-Sign/ Letter Grade Result	Grading Point
9.00 - 10.00	90.0 - 100	O (Outstanding)	10
8.00 - < 9.00	80.0 - < 90.0	A+ (Excellent)	9
7.00 - < 8.00	70.0 - < 80.0	A (Very Good)	8
6.00 - < 7.00	60.0 - < 70.0	B+ (Good)	7
5.50 - < 6.00	55.0 - < 60.0	B (Above Average)	6
5.00 - < 5.50	50.0 - < 55.0	C (Average)	5
4.00 - < 5.00	40.0 - < 50.0	P (Pass)	4
Below 4.00	Below 40.0	F (Fail)	0
Ab (Absent)	-	Ab (Absent)	0

Appendix B

Justification for B.A. (Economics)

1.	**Necessity for starting the course:**	**This course will help to build resourceful and skilled youths who will contribute to the economic development of India and therefore policy making at the global level.**
2.	**Whether the UGC has recommended the course:**	**Yes**
3.	**Whether all the courses have commenced from the academic year 2024-25**	**Yes, already started.** **As per NEP 2024-25**
4.	**The courses started by the University are self-financed, whether an adequate number of eligible permanent faculties are available?:**	**Yes**
5.	**To give details regarding the duration of the Course and is it possible to compress the course?:**	**3 year/ 4 years** **No compress**
6.	**The intake capacity of each course and no. of admissions given in the current academic year:**	**120**
7.	**Opportunities of Employability / Employment available after undertaking these courses:**	**This course will help to build resourceful and skilled manpower who will contribute to the economic development of India and therefore policy making at the global level. They can do jobs in the corporate world, and own startups and government sectors.**

Sign of BOS Chairman Prof. Dr. Suresh Maind Board of Studies in Economics	***Sign of the Offg. Dr Manisha Karne Associate Dean Faculty of Humanities***	***Sign of the Offg. Dr. Suchitra Naik Associate Dean Faculty of Humanities***	***Sign of the Dean Prof. Dr Anil Singh Faculty of Humanities***