



JSPM UNIVERSITY PUNE

Recognized by the UGC u/s 2 (f) of UGC Act 1956 and enacted by the State Government of Maharashtra - JSPM University Act, 2022 (Mah. IV of 2023)

JSPM University Pune S.Y. B.A. Economics Semester – III		
Course Type: PCC	Course Title: Advanced Microeconomics	
Course Code: 250UEEB01_03	Teaching Scheme: (Hrs./Week)	Examination Scheme:
Credits: 3	Lecture (L): 2 Tutorial (T): 1 Practical (P): 0 Experiential Learning (EL): 0	Theory (TH): 100 Marks
Prerequisite Courses, if any: Nil		
Course Objectives:		
<ul style="list-style-type: none"> To understand various aspects of consumer behavior and demand analysis, production theory and behavior of costs, market structure and equilibrium and efficiency of the firm. To examine various concepts related to optimizing behavior of economic agents 		
Course Outcomes: On completion of the course, learner will be able to		
CO1: Knowledge: Student will be able to build a strong foundation in applications of consumer theory.		
CO2: Comprehension: Students will explain the dynamic relationship of microeconomic variables/aspects.		
CO3: Application: Students will be equipped with the knowledge of mathematical tools are used for cost functions.		
CO4: Analysis: Students can understand the behavior of a competitive firm.		
CO5: Evaluation: Students develop the knowledge of game theory.		
CO6: Create: Design an integrated economic model demonstrating how consumers and producers interact under varying market structures, incorporating utility maximization, cost minimization, and equilibrium strategies		
Course Contents		
Unit I	Consumer theory	(8 Hrs)
Preferences: Consumer Preferences, assumptions about preferences; Indifference Curves: Well-behaved preferences, Indirect utility function, expenditure minimization, Slutsky Substitution Effect, Edgeworth-Pareto Definition of Complementary and Substitute Goods.		
Unit II	Production Function	(7 Hrs)
Types of production function - Cobb-Douglas, fixed-coefficient and CES, Law of Variable proportion and Law of returns to scale, Isoquants, marginal rate of technical substitution, isocost line and firm 's equilibrium.		
Unit III	Cost Function	(8 Hrs)



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Cost structure- implicit cost, explicit cost, accounting cost, sunk cost, economic cost, fixed cost, variable cost, total, average and marginal cost. Determinants of short run cost, cost curves, cost minimization and expansion path, short versus long run cost curves, economies of scale.

Unit IV	Market Structure and Perfect Competition	(7 Hrs)
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Pricing under different market structure of firms and industry, Profit Maximization and Output Choice, Monopoly and Resource Allocation, Monopoly and Product Quality Price Discrimination, Regulation of Monopolies; Monopolistic Competition: Model of Product Differentiation; Oligopoly: Pricing under Homogeneous Oligopoly.

Unit V	General Equilibrium and Efficiency	(8 Hrs)
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General Equilibrium and Economic Efficiency- Exchange, production and welfare, Pareto Optimality, Edgeworth box and contract curve, Pareto efficiency and perfect competition, Reasons for Market failure, Pareto efficiency and market failure (externalities and public goods).

Unit VI	Game Theory	(7 Hrs)
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Introduction to Game Theory- Lemon Market, Strategic Games and Nash Equilibrium- Cournot's model of duopoly market, Bertrand's model of duopoly market, Mixed Strategy Nash Equilibrium.

Learning Resources

Textbooks:

1. Ahuja H.L., Varian, 2019 Edition, ADVANCED ECONOMIC THEORY MICROECONOMIC ANALYSIS, S.Chand Company Ltd. New Delhi.
2. Koutsoyiannis, A. (1979), First Edition, Modern Microeconomics. London: Macmillan Press.
3. Pindyck, R & Rubinfeld, D. (2013). Micro Economics. (8th ed.). New York: Pearson Education.

Reference Books:

1. Varian, H. (2010). Intermediate microeconomics: A modern approach, 8th ed. W. W. Norton.
2. Bernheim, B., Whinston, M. (2009), First Edition, Microeconomics. Tata McGraw- Hill.
3. Snyder, C., Nicholson, W. (2010) First Edition. Fundamentals of microeconomics. Cengage Learning.

MOOC / NPTEL Courses:

Additional Web Resources:



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JSPM University Pune		
S.Y. B.A. Economics		
Semester – III		
Course Type: PCC	Course Title: Health Economics	
Course Code: 250UEEB02_03	Teaching Scheme: (Hrs./Week)	Examination Scheme:
Credits: 4	Lecture (L): 3 Tutorial (T): 1 Practical (P): 0 Experiential Learning (EL): 0	Theory (TH): 100 Marks
Prerequisite Courses, if any: Nil		
Course Objectives: <ul style="list-style-type: none">• To understand the fundamental concepts and terminologies in Health Economics.• To analyze the demand and supply of healthcare through models.• To evaluate equity in healthcare financing, distribution and redistribution theories.• To apply economic principles to health systems, taxation, social health insurance and global health policies.		
Course Outcomes: On completion of the course, learner will be able to CO1: Knowledge: define key concepts and principles of health economics. CO2: Comprehension: explain the relationship between health and economics. CO3: Application: apply economic theories, healthcare demand and supply scenarios. CO4: Analysis: examine the production and cost structures in healthcare. CO5: Evaluation: critically assess the effectiveness of different healthcare financing models. CO6: Create: Devise a comprehensive health policy proposal for a developing region that integrates demand-supply analysis, externalities, financing mechanisms, and localized policy measures.		
Course Contents		
Unit I	Introduction	(10 Hrs)
Health Economics: Overview, Structure and Beneficiaries, Concepts and Terminologies in Health Economics, Health as an Economic Good, Economics of Health vs Economics of Healthcare.		
Unit II	Demand in Healthcare	(10 Hrs)
Utility and Health, Demand for Health care, The Grossman Model, The Grossman Model and Health Disparities.		
Unit III	Supply in Healthcare	(10 Hrs)



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Physicians as Health Providers of Health, Supply Induced Demand, Hospitals as Health Providers of Health, Production and Cost of Healthcare.		
Unit IV	Equity and Health	(10 Hrs)
Equity in Healthcare, Equity and Redistribution: Theory, Equity in Health Financing, Equity in Distribution.		
Unit V	Economics of Health Systems	(10 Hrs)
Health Systems, Tax and Social Health Insurance Mechanism, Private Financing mechanism, Health systems around the world.		
Unit VI	Public Health and Policies	(10 Hrs)
Introduction to Public Health, Socio-economic disparities in Health-global perspective, Indian Health System: Organization and governance, Indian Health Status: reforms, status and future challenges.		

Learning Resources

Textbooks:

1. Bhattacharya J., Hyde T., TU P., (2014), First Edition, Health Economics. Palgrave Macmillan.

Reference Books:

1. Morris S., Devlin N., Parkin D. & Spenser A. (2012) **Economic Analysis in Health Care**, (2nd Edition), Wiley.
2. Zweifel P., Breyer F. & Kifmann M. (2009), **Health Economics** (2nd edition). Springer.

MOOC / NPTEL Courses: Health Economics, Prof. Pratap C.Mohanty, Department of Humanities and Social Sciences, IIT Roorkee.

Link : https://onlinecourses.nptel.ac.in/noc24_ec07/preview

Additional Web Resources: Certificate course in Health Economics and Pharmacoeconomics, Link : Udemy



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JSPM University Pune		
S.Y. B.A. Economics		
Semester – III		
Course Type: PCC	Course Title: Basics of Statistics	
Course Code: 250UEEB03_03	Teaching Scheme: (Hrs./Week)	Examination Scheme:
Credits: 3	Lecture (L): 2 Tutorial (T): 1 Practical (P): 0 Experiential Learning (EL): 0	Theory (TH): 100Marks
Prerequisite Courses, if any: Nil		
Course Objectives: <ul style="list-style-type: none">● To introduce the fundamental concepts of statistics● To develop statistical thinking● To explain different data sources● To enable students to construct and interpret different types of diagrams and graphs● To equip students with the ability to critically assess and apply statistical tools		
Course Outcomes: On completion of the course, learner will be able to CO1: Knowledge: Define and recall basic statistical concepts. CO2: Comprehension: Explain the role and importance of statistics in various domains. CO3: Application: Use statistical techniques for data collection and graphical representation. CO4: Analysis: Examine ethical concerns and misuse of statistics. CO5: Evaluation: Develop effective statistical representations using charts, graphs, and diagrams. CO6: Create: Develop a complete statistical research report based on a socioeconomic issue, involving data collection, classification, analysis using central tendency and dispersion, and predictive modeling through correlation and regression.		
Course Contents		
Unit I	Introduction	(8 Hrs)
Meaning and Definition of Statistics, Reasons for Learning Statistics, Statistical Thinking and Analysis, Types of Statistical Methods (Descriptive vs. Inferential Statistics).		
Unit II	Importance and Scope of Statistics	(7 Hrs)
Role of Statistics in Decision-Making, Statistics and the State Government, Statistics in Economics, Statistics in Business Management, Statistics in Social Sciences, Statistics and Information Technology.		
Unit III	Types of Data	(8 Hrs)
Types of Data Collection – Primary Sources, Advantages and Disadvantages of Primary Sources, Secondary Sources- Advantages and Disadvantages of Secondary Sources.		



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Unit IV	Sources of Data	(7 Hrs)
National Sample Survey Organization (NSSO), Central Statistical Organization (CSO).		
Unit V	Data Tabulation	(8 Hrs)
Parts of Tabulation- Types of Tables; Diagrammatic and Graphical representation, Advantages of Diagrammatic and Graphical Representation.		
Unit VI	Type of Diagrams	(7 Hrs)
Graphs-Histogram; Frequency Polygons; and Limitations of Diagrams and Graphs. Categorical Variables; Pie charts and bar graphs.		

Learning Resources

Textbooks:

1. Agarwal, B.L.(2006), First Edition, Basic Statistics, New Age International.
2. Arora, P.N.Sumeet Arora and Amit Arora (2009), First Edition, Elements of Statistical Methods, Sultan Chand Sons & Company Limited, Ram Nagar, New Delhi.

Reference Books:

1. Gupta, S.P. (2002), First Edition, Statistical Methods, Sultan Chand Sons & Co, New Delhi.
2. Kothari, C.R. (2004), First Edition, Research Methodology, New Age.
3. Moore, D.S. (2010), First Edition, The basic Practice of Statistics, Palgrave Macmillan.

MOOC / NPTEL Courses: https://onlinecourses.nptel.ac.in/noc24_ma30/preview# . The course "Introduction to Statistics" is instructed by Prof. Sameen Naqvi, an Assistant Professor in the Department of Mathematics at IIT Hyderabad.

Additional Web Resources:



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JSPM University Pune		
S.Y.B.A. Economics		
Semester III		
Course Type: MDM	Course Title: Political and Economic Thought	
Course Code: 250UPOB05_03	Teaching Scheme: (Hrs./Week)	Examination Scheme:
Credits: 4	Lecture (L): 3 Tutorial (T): 0 Practical (P): 0 Experiential Learning (EL): 4	(TH): 100 Marks
Prerequisite Courses, if any: Nil		
Course Objectives: <ul style="list-style-type: none">To introduce students to the interconnectedness of politics and economics and the evolution of key political and economic ideas over time.To examine the contributions of classical, modern, and Indian thinkers to political and economic thought and their relevance to contemporary issues.To analyse, global economic systems and contemporary challenges, including globalization, inequality, and sustainable development, through the lens of political economy.		
Course Outcomes: On completion of the course, learner will be able to		
CO1: Remembering: Identify key political and economic concepts, such as laissez-faire, class struggle, and sustainable development, and their historical evolution.		
CO2: Understanding: Explain the ideas of classical, modern, and Indian thinkers and their contributions to political and economic thought.		
CO3: Applying: Demonstrate the relevance of political economy theories in analysing contemporary issues like globalization and economic inequality.		
CO4: Analysing: Compare and contrast global economic systems, including capitalism, socialism, and mixed economies, and their political implications.		
CO5: Evaluating: Assess the impact of political and economic ideas, such as Gandhi's trusteeship and Keynes's government intervention, on policymaking and societal development.		
CO6: Creating: Develop informed arguments or proposals addressing modern challenges like wealth redistribution and sustainable development using insights from political and economic thought.		
Course Contents		
Unit I	Introduction	(08 Hrs)
Relationship between politics and economics, Evolution of political and economic ideas, importance of political economy		



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Unit II	Classical Thought	(07 Hrs)
Adam Smith: Laissez-faire and wealth of nations, John Stuart Mill: Liberty and economic justice, Karl Marx: Class struggle and critique of capitalism		
Unit III	Modern Thinkers	(08 Hrs)
John Maynard Keynes: Government intervention in economy, Friedrich Hayek: individualism and market economy, Amartya Sen: Development as freedom		
Unit IV	Indian Thought	(07 Hrs)
Mahatma Gandhi: Trusteeship and self-reliance, B. R. Ambedkar: Social justice and economic equality, Jawaharlal Nehru: Planned economy and industrialization		
Unit V	Global Political and Economic Systems	(07 Hrs)
Capitalism: Features and critiques, Socialism: Principles and practices, Mixed Economy: characteristics and relevance		
Unit VI	Contemporary Issues	(08 Hrs)
Globalization and its impact on political economy, Inequality and redistribution of wealth, Sustainable development and environmental economics		

Learning Resources

Textbooks:

1. Gilpin, R. (2001). Global political economy: Understanding the international economic order (First edition). Princeton: Princeton University Press.
2. Bhargava, R., & Acharya, A. (Eds.). (2008). Political theory: An introduction (First edition). New Delhi: Pearson Longman.

Reference Books:

1. Hunt, E. K., & Lautzenheiser, M. (2011). History of economic thought (3rd edition). Armonk, New York: M.E. Sharpe.
2. Sabine, G. H., & Thorson, T. L. (1973). A history of political theory (4th edition). New Delhi: Oxford and IBH Publishing Co.
3. Gauba, O. P. (2019). An introduction to political theory (8th edition). New Delhi: Mayur Paperback.
4. Sen, A. (2000). Development as freedom (1st edition). New York: Anchor Books.

MOOC / NPTEL Courses:

1. Political Economy, by Dr. Samrat Roy, St. Xavier's College (Autonomous) Kolkata

Link of the Course: Political Economy, [Political Economy II - Course](#)

Additional Web Resources: Political Economy and Economic Development
[Political Economy and Economic Development](#)



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JSPM University Pune S.Y.B.A. Economics Semester III		
Course Type: IOC	Course Title: Artificial Intelligence for Everyone	
Course Code: 230GCSB151_03	Teaching Scheme: (Hrs./Week)	Examination Scheme:
Credits: 2	Lecture (L): 2 Tutorial (T): 0 Practical (P): 0 Experiential Learning (EL): 0	Theory (TH): 100 Marks
Prerequisite Courses, if any: Basic Mathematics, Basic Programming Skills		
Course Objectives: <ul style="list-style-type: none">• To understand the Historical Development and Foundations of AI• To develop practical skills in designing and implementing search-based and decomposition-based solutions.• To compare different approach to AI• To master Logical and Probabilistic reasoning in AI.• To explore use of Neural Networks in AI and understand Natural Language Processing• To apply AI Concepts to in in various field		
Course Outcomes: <p>On completion of the course, learner will be able to,</p> <p>CO1: Describe the history and evolution of AI, including the differences between strong and weak AI and analyse the logical reasoning in AI, knowledge representation systems and expert systems.</p> <p>CO2: Understand searching algorithms, heuristics in search and problem decomposition-based solutions.</p> <p>CO3: Understand Logical approach to AI and importance of knowledge-based system.</p> <p>CO4: Understand probabilistic reasoning in Artificial Intelligence</p> <p>CO5: Implement natural language processing techniques for text and word relations.</p> <p>CO6: Understand what the applications of AI and know it's working from various fields</p>		
Course Contents		
Unit I	Introduction to Artificial Intelligence	(5 Hrs)
History of artificial intelligence, the birth of artificial intelligence, Intelligent Agents, Search Methods and Knowledge Representation, Use Cases of Artificial Intelligence, Role of Machine Learning Engineer Machine Learning Tools & Packages Emergence		



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of AI – Technological advances, AI, Functions of AI, Characteristics of artificial intelligence		
Unit II	Data Wrangling Techniques	(5 Hrs)
Data Wrangling Techniques: Introduction to Data pre-processing Importing the Dataset Handling Missing Data Working with Categorical Data Splitting the data into Train and Test set Feature Scaling		
Unit III	Fundamentals of Machine Learning: Mathematics & Statistics	(5 Hrs)
Mathematics & Statistics Introduction to Probability Mean Median, Mode, Variance, Standard Deviation, Quantiles, Gaussian (Normal) Distribution, Skew Distribution, Covariance and Correlation, Linear Regression, Logistic Regression, Naïve Bayes Classifier, Bias-variance trade-off, Dimensionality reduction using Principal component Analysis, Time Series Forecasting		
Unit IV	Methods and Algorithms in Machine Learning Part I (Supervised Learning)	(5 Hrs)
Supervised Learning, Regression, Simple Linear Regression, Multi Linear Regression, Polynomial Regression, Decision Tree, Random Forest Classification Logistic Regression, K-Nearest Neighbours, Support Vector Machine, Naive Bayes, Decision Tree, Random Forest		
Unit V	Methods and Algorithms in Machine Learning Part II (Unsupervised Learning)	(5 Hrs)
Unsupervised Learning K-Means Clustering Hierarchical Clustering Ridge Regression XGBoost Algorithm Hyper parameters Tuning & Validation Grid Search Randomized Search Cross Validation Hyperparameter Tuning and Model Selection.		
Unit VI	Application of AI	(5 Hrs)
Introduction to AI and Its Scope, AI in Healthcare, AI in Business and Finance, AI in Education, AI in Transportation and Logistics, AI in Entertainment and Media, AI in Agriculture, AI in Cybersecurity, AI in Social Good and Environment, Future Trends in AI Applications		
Learning Resources		



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Textbooks:

1. "Artificial Intelligence: A Guide to Intelligent Systems" by Michael Negnevitsky 3rd Edition
2. "Artificial Intelligence: Foundations of Computational Agents" by David L. Poole and Alan K. Mackworth. 3rd Edition
3. "Pattern Recognition and Machine Learning" by Christopher M. Bishop. 1st Edition
4. "Neural Networks and Deep Learning: A Textbook" by Charu Aggarwal. 2nd Edition

Reference Books:

1. "Natural Language Processing in Action" by Lane, Howard, and Hapke
2. "Artificial Intelligence: A Modern Approach" by Stuart Russell and Peter Norvig
3. "Patterns in Artificial Intelligence: Search and Optimization" by Eugene Charniak and Drew McDermott
4. "Artificial Intelligence in Civil Engineering: A Review" by Michael J. Fischer and Dan M. Frangopol

MOOC / NPTEL Course:

1. NPTEL Course on Artificial Intelligence: Search Methods for Problem Solving, IIT Madras, Prof. Deepak Khemani.
Link: <https://nptel.ac.in/courses/106106226>



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JSPM University Pune		
S.Y.B.A. Economics		
Semester III		
Course Type: VSC	Course Title: Innovation	
Course Code: 230IINB02_03	Teaching Scheme: (Hours/Week)	Examination Scheme:
Credits: 1.5	Lecture (L): 1 Tutorial (T): 0 Practical (P): 0 Experiential Learning (EL): 2	Oral (OR): 50 Marks
Prerequisite Courses, if any: Nil		
Course Objectives: <ul style="list-style-type: none">• To understand the concept of innovation and creativity• To familiarize with the tools for innovation• To understand fundamentals of innovation management• To get overview of real-world implementation of innovation and creativity		
Course Outcomes: On completion of the course, learner will be able to... CO1: apply the concepts of creativity and innovation in all walks of life. CO2: inculcate and incorporate individual creativity and innovative skill set at conceptual, product design and management level. CO3: solve real time problems with enhanced ability in respective sectors of work for increased productivity and improved organizational behaviour. CO4: perform with improved skill set in entrepreneurship and start up ecosystem. CO5: to find solutions to social, corporate and personal problems with de novo approach.		
Course Contents		
Unit I	Innovation & Creativity	(3 Hrs)
Innovation: Meaning, Concept, Characteristics, Importance, Principles of Innovation, Process of Innovation. Creativity: Meaning, Concept, Importance, Creativity Process, Components of creative performance, Hurdles to Creativity		
Unit II	Tools for Innovation	(5 Hrs)



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Creative Thinking: Traditional V/S Creative Thinking,
Individual Creativity Techniques: Meditation, Self-Awareness, & Creative Focus
Group Creative Techniques: Brainstorming, Off The Wall Thinking & Thinking Hats Method.

Dimensions of Innovation:

Innovation Eco-system in India and abroad, Social Innovation, Grass root Innovation, Frugal Innovation, Global Innovation- Global Innovation Index framework, GII, Case studies in India and abroad.

Unit III	Innovation Management	(3 Hrs)
Concept, Scope, Characteristics, Evolution of Innovation Management, Significance, Factors Influencing Innovation, Commercialization of Innovation, Innovation and Start up ecosystem		
Unit IV	Areas of Innovation	(2 Hrs)
Innovation in Entrepreneurship, Product innovation, Process Innovation, Social Innovation, Case studies highlighting types, implementation imperatives and sector specific impact.		
Unit V	Group innovation study	(1 Hrs)
Each student group will prepare a case study on one innovation topic either from their area of work or through participation in the exposition, symposia, workshop of any relevant forum. The project report will be submitted for the study.		
Unit VI	Presentation and Closure	(1 Hrs)
The student group will give the presentation of the project in the chosen area. The report will highlight the process of exploring executing and exploiting the innovation. It will also mention methodology to manage the innovation.		

Learning Resources

Textbooks:

1. Wagner, Tony. Creating Innovators: The Making of Young People Who Will Change the World. New York: Scribner, 2012.
2. "Managing Creativity and Innovation" Harvard Business School Press

Reference Books:

1. "Organizational Innovation", SAGE Publication, London, 2001.
2. "Jugaad Innovations, Navi Radjou and Jaideep Prabhu, Random House India
3. "Kelley, Tom, Jonathan Littman, and Tom Peters. The Art of Innovation: Lessons in Creativity from IDEO, America's Leading Design Firm. New York: Doubleday, 2001.
4. "Innovation Management & New Product Development", Paul Trott, published by Pitman, 2000.



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MOOC / NPTEL Courses:

1. NPTEL Course "*Innovation, Business Models and Entrepreneurship*", Prof Rajat Agrawal, Prof Vinay Sharma, IIT Roorkee.

Link of the Course: https://onlinecourses.nptel.ac.in/noc23_mg116/preview

Additional Web Resources:

<https://youtu.be/FXJUDyqobbM> https://youtu.be/FF_38_ZuRbQ https://youtu.be/33JjV_NDbpY <https://youtu.be/DNUwZctwwhw> <https://youtu.be/PC1qbAhKz0> <https://youtu.be/wbFVNBNI7Bk> <https://youtu.be/kfpERveB8kM> <https://youtu.be/Y6R9ps2E1oM> <https://youtu.be/66N5SM73AEc> <https://youtu.be/1YLtkc6U3Rs>



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JSPM University Pune S.Y.B.A. Economics Semester III		
Course Type: AEC	Course Title: Soft Skill Development	
Course Code: 230UENB03_03	Teaching Scheme: (Hrs. per Week)	Examination Scheme:
Credits: 2	Lecture (L): 1 Tutorial (T): 0 Practical (P): 2 Experiential Learning (EL): 0	Theory (TH): 50 Marks
Prerequisite Courses, if any: Nil		
Course Objectives: <ul style="list-style-type: none"> • Remember key facts and concepts of soft skills and interview skills. • Understand the concept of time management. • Apply critical thinking and problem-solving techniques to enhance interpersonal skills. • Analyse the importance of leadership and teamwork in professional life. • Evaluate themes of etiquette and manners to build a well-rounded professional identity. • Create awareness about negotiation skills. 		
Course Outcomes: On completion of the course, learner will be able to CO1: Remember the key concepts of soft skills and interview skills and attempt to use them effectively. CO2: Reproduce effective ways of time management. CO3: Apply creative problem-solving and critical thinking skills by analysing complex narratives to enhance interpersonal skills. CO4: Analyse leadership and teamwork abilities by examining character dynamics, conflicts, and resolutions in literary works. CO5: Evaluate themes of etiquette and manners through literary text and employ in real life scenarios. CO6: Create self-awareness and emotional intelligence to manage personal emotions, navigate conflicts constructively and develop negotiation skills effectively.		
Course Contents		
Unit I	Essentials of Soft Skills and Interview Skills	(2 Hrs)
What are Soft Skills, Soft Skills vs Hard Skills, Importance of Soft Skills in Interviews, Types of Soft Skills		



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Unit II	Time Management	(2 Hrs)
Time Management, Importance of Time Management, Effective Ways of Time Management, "The Grasshopper and The Ant" – Jean De La Fontaine		
Unit III	Interpersonal Skills	(3 Hrs)
Interpersonal Skills, Importance of Interpersonal Skills, How to Improve Interpersonal Skills, The Kabuliwala: Ravindranath Tagore		
Unit IV	Leadership and Teamwork	(3 Hrs)
Leadership and Teamwork, Importance of Leadership and Teamwork, How to Improve Leadership and Teamwork, The Mountain and the Squirrel: Ralf Waldo Emerson		
Unit V	Etiquettes and Manners	(2 Hrs)
Etiquettes and Manners, Importance of Etiquettes and Manners, Workplace Etiquettes and Manners, If: Rudyard Kipling		
Unit VI	Negotiation Skills	(3 Hrs)
Negotiation Skills, Importance of Negotiation Skills, Art of Negotiation Skills, "The Gift of the Magi" O. Henry		

Learning Resources

Textbooks:

1. "Literature: An Introduction to Fiction, Poetry, Drama, and Writing" by X.J. Kennedy and Dana Gioia
2. "Communication in Everyday Life: The Basic Course Edition With Public Speaking" by Steve Duck and David T. McMahan

Reference Books:

1. "How to Read Literature Like a Professor: A Lively and Entertaining Guide to Reading Between the Lines" by Thomas C. Foster
2. "Literature: A Portable Anthology" edited by Janet E. Gardner et al.
3. "The Art of Public Speaking" by Stephen E. Lucas
4. "Interpersonal Communication: Everyday Encounters" by Julia T. Wood

MOOC / NPTEL Courses:

1. NPTEL Course "Soft Skill Development" Prof. Priyadarshi Patnayak, Prof. V.N, Giri, Prof. D. Suar, IIT Kharagpur

Link of the course: <https://youtu.be/Af9RoDvhTLE?si=cqQim2DX2Cepi0eX>

Additional Web Resources:

<http://www.englishdaily626.com/c-errors.php>

https://www.stressdirections.com/personal/about_stress/stress_statistics.html



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JSPM University Pune S.Y.B.A. Economics Semester III		
Course Type: AEC	Lab Course Title: Soft Skill Development	
Course Code: 230UENB03_03	Teaching Scheme: (Hrs./Week)	Examination Scheme:
Credits: 2	Lecture (L): 1 Tutorial (T): 0 Practical(P): 2 Experiential Learning (EL): 0	Theory (TH): 50 Marks
Prerequisite Courses, if any: -		
List of Laboratory Experiments		
Group A		
1.	Time Management	
2.	Interpersonal Skills	
3.	Cultural Intelligence	
4.	Leadership Skills	
5.	Teamwork and Conflict Management	
Group B		
6.	Grooming Etiquettes and Manners	
7.	Stress Management	
8.	Time Management	
9.	Leadership Skills	
10.	PowerPoint Presentation	



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JSPM University Pune

S.Y. B.A. Economics

Semester – IV

Course Type: SLC			Course Title: Digital Economics		
Course Code: 250UEEB04_03		Teaching Scheme: (Hrs./Week)		Examination Scheme:	
Credits: 1		Lecture (L): 0 Tutorial (T): 0 Practical (P): 0 Experiential Learning (EL): 4		Oral (OR): 50Marks	
Prerequisite Courses, if any: Nil					
Course Objectives: <ul style="list-style-type: none">Comprehensive understanding of how digitalization is transforming economic activities, business operations, and policy-making globally.Highlighting the concept, evolution, and significance of the digital economy and analyse the role of digital transformation in economic growth and development.					
Course Outcomes: On completion of the course, learner will be able to CO1: Remember: foundational knowledge of the digital economy, its evolution, and key drivers such as the internet, globalization, and ICT advancements. CO2: Understand: the evolution of digital payments, regulatory challenges, and financial inclusion in the digital age. CO3: Application: assess the impact of automation, the gig economy, smart cities, and digital inclusion on future economic landscapes. CO4: Analysis: the role of AI, blockchain, IoT, big data, and cybersecurity in shaping the digital economy. CO5: Evaluation: digital governance, taxation policies, and cross-border trade regulations shaping the digital economy. CO6: Create: Students will be able to engage in digital transaction.					
Course Contents					
Unit I		Introduction to Digital Economy		(3 Hrs)	
Definition of Digital economy and its evolution. Understanding the key drivers: Internet, globalization, ICT advancements.					
Unit II		Digital Infrastructure and Technologies		(3 Hrs)	
Role of AI and blockchain, IoT and big data in Digital Transformation, Cybersecurity and privacy concerns.					
Unit III		E-commerce		(2 Hrs)	
Platform Economy, E-commerce and M-Commerce- Trends and Challenges.					



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Unit IV	Digital Payments	(2 Hrs)
Evolution of Digital Payment and Regulatory challenges in digital finance.		
Unit V	Government Policies and Regulation in Digital Economy	(2 Hrs)
Digital Governance and regulatory frameworks, Digital Taxation and cross border digital trade.		
Unit VI	Future Trends of Digital Economy	(3 Hrs)
Automation and job displacement, The gig economy and its socio-economic implications, Smart cities and digital inclusion.		

Learning Resources

Textbooks:

1. Goldfarb, A., Greenstein, S. M., & Tucker, C. E. (2015) Edition. *Economic Analysis of the Digital Economy*. University of Chicago Press.

Reference Books:

- 1.OECD. 2020 Edition, *OECD Digital Economy Outlook 2020*, OECD Publishing.
- 2.Benkler, Y. (2006) Edition, *The Wealth of Networks: How Social Production Transforms Markets and Freedom*, Yale University Press.

MOOC / NPTEL Courses:

Additional Web Resources:



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JSPM University Pune		
S.Y.B.A. Economics		
Semester III		
Course Type: LLC	Course Title: Health and Nutrition	
Course Code: 230HFSB80_03	Teaching Scheme: (Hrs./Week)	Examination Scheme:
Credits: 1.5	Lecture (L): 1 Tutorial (T): 0 Practical (P): 0 Experiential Learning (EL): 2	Oral (OR): 50 Marks
Prerequisite Courses, if any: Nil		
Course Objectives: <ul style="list-style-type: none">• Understand the basic concepts of food and nutrition.• Identify the functions of food and the role of nutrients in the body.• Differentiate between macronutrients and micronutrients.• Recognize the various food groups and their nutritional significance.• Learn the principles of meal planning and dietary recommendations.• Assess nutritional status and understand factors influencing food habits.• Identify and address food misinformation.		
Course Outcomes: <p>Define key terms related to health, nutrition, and dietary intake, including food groups and nutrients.</p> <p>Explain the importance of nutrition in maintaining health, preventing diseases, and the relationship between food consumption and overall health.</p> <p>Utilize knowledge of nutrients, food groups, and meal planning principles to create daily and balanced meal plans.</p> <p>Investigate and distinguish between the functions of macronutrients and micronutrients and compare the nutritional benefits and limitations of different food groups.</p> <p>Critically assess the impact of cultural, social influences, and misinformation on food choices, nutritional status, and public health.</p> <p>Design comprehensive meal plans and educational materials or campaigns that meet dietary guidelines and promote accurate nutritional information.</p>		
Course Contents		
Unit I	Basic Concepts in Food and Nutrition	(3 Hrs)
Overview of Health and Nutrition, Importance of Nutrition in Health, Food and Nutrition, Functions of Food, Relationship between Food and Health		
Unit II	Nutrients	(3 Hrs)



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Introduction, Importance of Nutrients in the Diet, Macronutrients, Micronutrients		
Unit III	Food Groups	(3 Hrs)
Food Groups, Role of Each Food Group in the Diet, Cereals, Pulses, Fruits and Vegetables, Milk and Milk Products, Eggs, Meat, Poultry and Fish, Fats and Oils		
Unit IV	Basic Concepts of Meal Planning	(3 Hrs)
Principles of Meal Planning, Balanced Diet, Components of a Balanced Diet, Creating Balanced Meals, Dietary Guidelines and Recommendations		
Unit V	Nutritional Status	(3 Hrs)
Definition and Importance of Nutritional Status, Methods of Assessing Nutritional Status, Food Habits, Factors Influencing Food Choices, Cultural and Social Influences on Diet		
Unit VI	Food Misinformation	(3 Hrs)
Food Misinformation, Common Food Myths and Misinformation, Strategies to Combat Food Misinformation, Educating the Public on Nutrition		
Learning Resources		
Text Books:		
1. Buttriss, Judith L., Ailsa A. Welch, John M. Kearney, and Susan A. Lanham-New, eds. <i>Public health nutrition</i> . John Wiley & Sons, 2017.		
2. Chakrabarty, Kaveri, and A. S. Chakrabarty. <i>Textbook of nutrition in health and disease</i> . Springer Singapore, 2019.		
Reference Books:		
1. Carr, Tanya, and Koen Descheemaeker, eds. <i>Nutrition and health</i> . John Wiley & Sons, 2008.		
2. Buttriss, Judith L., Ailsa A. Welch, John M. Kearney, and Susan A. Lanham-New, eds. <i>Public health nutrition</i> . John Wiley & Sons, 2017.		
3. Mitchell, H. S., Henderika J. Rynbergen, Linnea Anderson, Marjorie V. Dibble, and L. F. Cooper. "Nutrition in health and disease." <i>Nutrition in health and disease</i> . 15th Edition. (1968).		
MOOC Course:		
Food and Nutrition By Dr. Asna Urooj, University of Mysore, SWAYAM, https://onlinecourses.swayam2.ac.in/cec19_ag02/preview		