



JSPM UNIVERSITY PUNE

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JSPM University Pune

FYBA Economics

Semester- I

Course Type: PCC	Course Title: Introduction to Microeconomics	
Course Code: 240UEEB01_01	Teaching Scheme: (Hrs./Week)	Examination Scheme:
Credits: 3	Lecture (L): 3 Theory (T): 0 Practical (P): 0 Experiential Learning (EL): 0	Theory (TH): 100 Marks

Prerequisite Courses, if any: Nil

Course Objectives:

- To have a theoretical understanding of consumer behaviour and decision making.
- To get acquainted with recent advances in microeconomic theory and acquire the skills to apply the theoretical knowledge in research.

Course Outcomes: On completion of the course, learner will be able to :

- **CO1:** Remember- understand the basics of micro economics.
- **CO2:** Understand- Demand, supply and market equilibrium.
- **CO3:** Application- Students learn Consumer Behaviour through Utility Analysis and can apply the principles of consumer behaviour.
- **CO4:** Analysis- Students can formulate to analyse the cost of production from the theory of production and cost.
- **CO5:** Evaluate- Through the study of theory of Firm and pricing under perfect competition they can synthesis the market.
- **CO6:** Create- The market competition through the study of theory of Firm and Pricing under Imperfect competition.

Course Contents

Unit I	Introduction	(08 Hrs)
The Basic Economic Problems, The Scope of Economics, The Methodology of Economics, Free Market Economy and other Economic Systems.		
Unit II	Demand, Supply and Market Equilibrium	(08 Hrs)
Demand, Supply and Competitive Market Equilibrium, Applications of Demand and Supply Analysis, Elasticity of Demand and Supply, Applications of Elasticity of Demand and Supply.		
Unit III	Theory of Consumer's Behaviour	(08 Hrs)
Consumer Behaviour: Mashall's Cardinal Utility Analysis, Consumer Surplus, Indifference Curve Analysis of Demand, Cardinal Utility Analysis v/s Indifference Curve Analysis.		
Unit IV	Theory of Production and Cost	(08 Hrs)



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Production process and Factors of Production, The Theory of Production: Returns to Variable Factor, Returns to Scale, Production Function, Cost of Production and Cost Curves: Short run and Long Run.

Unit V	Theory of Firm and Pricing in Perfect Competition	(05 Hrs)
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Market Structures and Concepts of Revenue, Objectives of Firm: A General Analysis, Equilibrium of the Industry and Long Run Supply Curve under Perfect Competition, Economic Efficiency of Perfect Competition: Features and Equilibrium.

Unit VI	Price and Output under Monopoly and Imperfect Competition	(08 Hrs)
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Price and Output under Monopoly, Characteristics of Monopoly, Types of Monopoly Power, Price Discrimination under Monopoly, Drawbacks and Remedies for Monopoly, Price and Output under Monopolistic Competition, Features of Monopolistic Competition, Price and Output under Oligopoly, Features of Oligopoly and example.

Learning Resources

Text Books:

1. Johnson, Mascarenhas, Chatterjee, "Micro Economics", Latest Edition, Manan Prakashan.

Reference Books:

1. Gravelle H. and Rees R. (2004) : Microeconomics, 3rd Edition, Pearson Edition Ltd., New Delhi.

2. Varian H (2000) : Intermediate Microeconomics : A Modern Approach, 8th Edition, W.W. Norton and Company.

MOOC / NPTEL Courses:

NPTEL Course "An Introduction to Microeconomics", Prof. Vimal Kumar | IIT Kanpur.

[Link](https://onlinecourses.nptel.ac.in/noc23_hs44/preview) of the Course: https://onlinecourses.nptel.ac.in/noc23_hs44/preview

Additional Web Resources:



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FYBA Economics

Semester- I

Course Type: PCC	Course Title: Indian Economy	
Course Code: 240UEEB02_01	Teaching Scheme: Hrs./Week)	Examination Scheme:
Credits: 4	Lecture (L): 2 Theory (T): 2 Practical (P): 0 Experiential Learning (EL): 0	Theory (TH): 100 Marks

Prerequisite Courses, if any: Nil

Course Objectives:

- Aim to build strong fundamentals to varied challenges confirming the Indian economy with special reference to its developmental challenges.
- Incorporation of different sectors of the economy.

Course Outcomes: On completion of the course, learner will be able to

- **CO1** Knowledge: students can bring out the basic features of Indian economy.
- **CO2** Comprehension: students will be able to study the various infrastructure developments.
- **CO3** Application: Students get familiarized with the sectoral issues to be tackled with the Indian perspective.
- **CO4** Analysis: Students are able to learn the industrial sickness and the trends and pattern of FDI
- **CO5** Synthesis: Students will be able to understand the policies of Industrial development.
- **CO6** Evaluation: students can generate awareness on the solutions to deal with the development challenges of the Indian economy in the 21st century globalized world.

Course Contents

Unit I	Characteristics of Indian Economy Since 1991	(10 Hrs)
Features and Characteristics of the Indian Economy, Trends and Structure Pre & Post Census Poverty, inequality and policy implications.		
Unit II	Infrastructure and Human Development	(10 Hrs)
Social infrastructural developments; Education, Health Developments, comparison with previous years, Types of Infra – Physical, Social, Finance.		
Unit III	Human Capital	(10 Hrs)
Features of Human Development, Role of Human Capital in Development, Human Development Index – Concept, present status, International Comparison of HDI.		



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Unit IV	The Agricultural Sector	(10 Hrs)
Role and characteristics of agricultural production, Institutional structure, land reforms in India, Technological change in agriculture, Pricing of agricultural inputs and output.		
Unit V	The Industrial Sector	(10 Hrs)
Role and Present status of Industrial Sector in India since independence, Impact of New Economic Policy, 1991, Industrial sickness, Exit policy, Role of BIFR, Role of MSMEs, Recent schemes and Policies.		
Unit VI	Foreign Trade in India	(10 Hrs)
Role of Foreign Trade in India, Terms of Trade, Concept of Exchange Rate, EXIM Trends, problems, Recent Agreements and Policies.		
Learning Resources		
Text Books:		
1. Dutt R and KPM Sundharam "Indian Economy", First Edition, (2002).		
2. S. Chand New Delhi. Misra S.K. and V.K. Puri, Indian Economy, Himalaya, 2020 Edition, Publishing house, Mumbai. (2020).		
Reference Books:		
1. Agarawal A.N. (2006): Indian Economy: Problems of Development and Planning, A Division of New Age International (P): Limited Edition, New Delhi.		
2. Bawa, R.S. and P.S. Raikhy 1997 Edition, Structural Changes in Indian Economy, Guru Nanak Dev University Press, Amritsar.		
MOOC / NPTEL Courses:		
NPTEL Course "Indian Economy: Some Contemporary Perspectives", Prof. Wasim Ahmad IIT Kanpur.		
Link of the Course: https://onlinecourses.nptel.ac.in/noc24_ec04/preview		
Additional Web Resources:		



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JSPM University Pune

FYBA Economics

Semester I

Course Type: IOC			Course Title: Forensic Science in Criminal Investigation		
Course Code: 230HFSB06_01	Teaching Scheme: (Hrs./Week)		Examination Scheme:		
Credits: 2	Lecture (L): 2 Theory (T): 0 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 make students understand principle, branches, and future scope in forensic science field.To understand the various steps of crime scene investigation.To comprehend a detailed understanding of different physical evidences encountered at crime scene.					
Course Outcomes: On completion of the course, learner will be able to CO1: Understand the various branches and future scope in forensic science. CO2: Apply fundamental principles of forensic science to solve crimes. CO3: Comprehend the steps to be taken with respect to crime scene investigation. CO4: Understand different types of evidences encountered in crime scene. CO5: Understand the procedures for proper handling, collection and packaging of various physical evidences retrieved from crime scene. CO6: Comprehend the functions, responsibilities, and ethics to be followed as a forensic scientist.					
Course Contents					
Unit I	Introduction to Forensic Science			(05 Hrs)	
Introduction, definition and scope of Forensic Science; Laws and principles of Forensic Science; Various branches of forensic science.					
Unit II	Introduction to Crime Scene			(05 Hrs)	
Definition of crime scene, Classification of crime scene: indoor, outdoor & conveyance; primary and secondary; macroscopic & microscopic crime scene; Significance of crime scene; Corpus delicti and Modus operandi					
Unit III	Physical Evidences & its types			(05 Hrs)	
Physical Evidences: introduction and its types – Movable and immovable evidence; documentary evidence; biological evidence; chemical evidence; pattern evidence; ballistics evidence; digital and electronic evidence; conditional evidence; trace evidence; transient evidence and associative evidence, Significance of physical evidences.					
Unit IV	Crime Scene Management			(05 Hrs)	



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Processing of crime scene: initial survey, assistance to victims, securing the scene, documentation of crime scene: sketching, note-taking, photography and videography of crime scene.

Unit V	Crime Scene Investigation	(05 Hrs)
Searching methods of evidences at scene of crime; Methods for collection and packaging of evidence; Forwarding the evidence to forensic science laboratories; Maintaining chain of custody.		

Unit VI	Functions and Responsibilities	(05 Hrs)
Function, responsibility, and ethics of forensic scientists; Duties of crime scene investigator; Role of first responding officer.		

Reference Books:

1. Nanda, B.B. and Tiwari, R.K. *Forensic Science in India- A Vision for the Twenty First Century*. SelectPublisher: New Delhi; (2001).
2. James, S.H. and Nordby, J.J. *Forensic Science: An Introduction to Scientific and Investigative Techniques*. CRC Press: USA; (2003).
3. Saferstein, R. *Criminalistics -An Introduction to Forensic Science*. Prentice Hall Inc: USA; (1995).
4. Bennett W.W. and Hass K.M. *Criminal Investigation* 6th ed. Wordsworth Thompson Learning: (2001).
5. Fisher, B.A.J. *Techniques of Crime Scene Investigation* 7th ed. R.C. Press: New York; (2003).
6. Nordby, J.J. *Dead Reckoning-The Art of Forensic Detection*. CRC Press LLC: (1999).
7. Sharma, B.R. *Forensic Science in Criminal Investigation and Trails*. Universal Law Publishing:(2003).
8. The Indian Evidence Act (1872), Amendment Act (2002), Universal Law Publication: (2003).
9. *The Code of Criminal Procedure* (1973), Amendment Act (2001), Universal Law Publication: (2002).
10. Lal, R and Lal, D. *The Indian Panel Code* 28thed. Wadhwa &Co: Nagpur; (2002).
11. Swanson, C.R., Territo, L.I. and Taylor, R.W. *Police Administration: Structures, Processes and Behaviour* 8th ed. Pearson: USA; (2012).
12. Ahuja, R. *Criminology*. Rawat Publication: Jaipur; (2000).
13. Meguire, M., Morgan, R. and Reiner, R. *The Oxford Handbook of Criminology* 2nded. OxfordUniversity Press: New York; (2002).
14. Bag, R.K. *Supreme Court on Criminal Law*. Asia Law House: (1999).
15. Deb, R. Criminal Justice. *The Law Book Co. Pvt. Ltd:Allahabad*; (1998).
16. Seigel, J. A., Saukko, P. J. and Knupfer, G. C. *Encyclopedia of Forensic Science* vol. I, II& III. Academic Press:United States; (2000).
17. Bridges, B.C. *Criminal Investigation, Practical Fingerprinting, Thumb Impressions, Handwriting Expert Testimony, Opinion Evidence*. University book Agency: Allahabad; (2000).
18. Gross, H. *Criminal Investigation- A Practical Handbook for Magistrates, Police Officers and Lawyers*. Forgotten Books: India; (2000).
19. Bell, W.R. *Practical Criminal Investigation in Correctional Facilities*. CRC Pres: London; (2001).
20. Lyman M.D. *Criminal Investigation- The Art and the Science*. Pearson Education: India; (2013)



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JSPM University Pune		
FYBA Economics		
Semester I		
Course Type: SEC	Course Title: Statistics in Behavioral and Social Sciences	
Course Code: 230UPYB35_01	Teaching Scheme: (Hrs./Week)	Examination Scheme:
Credits: 3	Lecture (L): 2 Theory (T): 0 Practical (P): 2 Experiential Learning (EL): 0	Theory (TH): 100 Marks
Prerequisite Courses, if any: Nil		
Course Objectives:		
<ul style="list-style-type: none"> The aim of this course is to make students familiar with the basic concepts of Statistics and to inculcate knowledge of how to use statistics in different situations. This will help them to understand the Research idea and role of statistics in them in Projects. 		
Course Outcomes: On completion of the course, learner will be able to		
CO1: Knowledge: Basic Concepts of statistics.		
CO2: Demonstrate the skills on measures of central tendencies.		
CO3: Differentiate between different types of deviation.		
CO4: Demonstrate skills of calculating different statistical scores.		
CO5: Application: Understanding of application of normal distribution curve.		
CO6: Application: understanding of standard error of measurement.		
Course Contents		
Unit I	Introduction to Statistics	(05 Hrs)
Statistics: Definition and Branches of statistics: Descriptive and Inferential, Statistics, variable: Definition and Types of Variables: Numerical and Categorical, Discrete and Continuous variables, Scales of Measurement: Nominal, Ordinal, Interval and Ratio Data.		
Unit II	Organization and Representation of data	(05 Hrs)
Meaning of the term: Data, Methods of organizing data, Graphical Representation of Data: Frequency Distribution Table, Frequency Histogram, Frequency Curve, Polygon and Ogive Curve, Smoothing of Frequency Curves.		
Unit III	Measures of Central tendency	(05 Hrs)
Measures of central tendency: Meaning of Arithmetic Mean, Mode, Median, When to Use Mean, Mode, Median.		
Unit IV	Measures of Variability	(05 Hrs)
Measures of Variability: Meaning and Types: Range, Quartile Deviation, Average Deviation, Standard Deviation, Use of Measures of Variability.		
Unit V	Normal Distribution Curve	(05 Hrs)
Normal Distribution Curve: Meaning in terms of Skewness and Kurtosis, Characteristics, Applications of Normal Curve.		
Unit VI	Standard error of Measurement	(05 Hrs)



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Concept of Standard Error, Standard error of Mean, Understanding and applying
Standard error of Measurement.

Learning Resources

Textbooks:

1. Mangal, S. K. (2006). Statistics in psychology and education. N.D.: Prentice-Hall
2. Aron, A., & Aron, E. N. (2002). Statistics for the behavioral and social sciences, Prentice Hall Press

Reference Books:

1. Henry E. Garrett 2005: Statistics in Psychology and Education

MOOC / NPTEL Courses: Swayam Course Statistics in Psychology

By Dr Ashwini Kumar, Prof Suhas Shetgovekar | Indira Gandhi National Open University

Link : https://onlinecourses.swayam2.ac.in/nou22_hs64/preview



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JSPM University Pune

FYBA Economics

Semester I

Course Type: VSC	Course Title: Design Thinking and Creativity	
Course Code: 230IDCB01_01	Teaching Scheme: (Hrs./Week)	Examination Scheme:
Credits: 1.5	Lecture (L): 1 Theory (T): 0 Practical (P): 0 Experiential Learning (EL): 2	Oral (OR): 50 Marks

Prerequisite Courses, if any:

Course Objectives:

Course Outcomes: On completion of the course, learner will be able to,

CO1: Describe the Design thinking principles of Human Centered approach to real life problem solving

CO2: Demonstrate through the project-oriented approach the basic theories and knowledge of design thinking and master the tools and principles of design thinking, and their application.

CO3: Demonstrate through the project-oriented approach the basic theories and knowledge of design thinking and master the tools and principles of design thinking, and their application.

CO4: Analysis of various applications of design thinking.

CO5: Determine the suitable design thinking approach to solve the problem.

CO6: Develop a low fidelity prototype of the alternative Solutions to the identified Problem.

Course Contents

Unit I	Design Thinking Introduction	(03 Hrs)
Introduction & definition of design thinking, Principles, the process, Innovation in design thinking, importance of design thinking method, the relationship between design thinking and innovation & entrepreneurship. Five step method of Design thinking (Empathize, Define, Ideate, Prototype, Test). Class Activity: Students are asked to form groups. Classroom Project begins: Share ideas with team members, discuss about meaning of DT, it's importance in today's world. Case: ABC Nightline- IDEO Shopping Cart, (the video can be shown in classroom for discussion.)		
Unit II	Awareness of the five stages of design thinking, Empathize & Define	(05 Hrs)



Stage 1 & 2: Empathize & Define

Introduction of the tools in the stage of empathy. Emphasize the skills and tactics of interviews. Understand the persona, Methods of collecting the data from interviews. The empathy map.

Establishing the Problem statement using 5 Why's technique as a tool to understand the root cause.

(Ex.26/11 attack, rescue team not able to move with ambulance due to stagnation) & Emphasis on establishing the "Problem Statement" only for faculty ref.

Classroom Project: Each group will write the Problem Statement by using Stages of Empathy and technique of 5 Why's.

Each group member will do the interview round for writing the problem statement.

Take record of the interview process.

Unit III	Ideate	(10 Hrs)
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Stage 3, Ideate

Process to Find and select ideas, The creative process and creative principles, Creativity techniques, Evaluation of ideas. Idea Generation Stage-Fine tuning process of ideas (every team member comes up with 1 idea and passes on to next person, each idea will be fine-tuned by each team member and ultimately matured ideas are established- round robin method) and selection of best three ideas by voting method.

Classroom Project: Through the project, students will know how to propose the point of view (POV) statement based on the analyses of data from user research via the brainstorm and others.

Students are asked to submit ideas as many as possible.

Note in POV practice: please define the problem which each group is finally going to resolve.

The practice process: unpack the interview data, select one interviewee as analysis target and solution. Make inferences to generate ideas and POV statement. Please remember: No solution in the POV statement.

(For faculty ref.: YouTube links for DT examples -How design thinking is transforming lives in rural India - <https://www.youtube.com/watch?v=EH9u1bHqwpc>. Design Thinking in Netflix | | Case Studio - 04 - https://www.youtube.com/watch?v=8P8gspd_Bx8)

Unit IV	Prototype & Test	(05 Hrs)
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Stage 4 and 5, Prototype & Test

Prototype and test stage, Prototype model, The role of prototype and test in the innovation and entrepreneurship. prototype and the way to test, visualization of ideas.

Classroom project: groups design the prototype to show ideas about the innovative way to resolve the problem in the dormitory life.

Concerning the test practice: Ask other group to visit your group and test your prototype, and then in turn.

Unit V	Understanding Business Viability	(02 Hrs)
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Checking the Business viability of selected ideas derived in stage 3 using BXT model, Tools for the Design Journey, Pillars of Design thinking.

Unit VI	Presentation and closure	(03 Hrs)
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The student groups will give the final presentation of the project they have done (Unit 1 to 5) and close the DT process.



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Learning Resources

Text Books:

1. Design Thinking Methodology Book Paperback, ArtBizTech, Emrah Yayici, 2016.
2. Design Thinking for Strategic Innovation, by Idris Mootee, CEO Idea Couture, Wiley 2014

Reference Books:

1. "SL Schensul, JJ Schensul, MD LeCompte", (latest reprint) Essential Ethnographic Methods: Observations, Interviews, and Questionnaires: (Ethnographer's Toolkit), <https://rowman.com/ISBN/9780759122017>
2. Paddy Miller, Thomas Wedell-Wedellsborg, (2013), Innovation as Usual: How to Help Your People Bring Great Ideas to Life, HBR Press
3. Tim Brown, (2010), Change by Design: How Design Thinking Transforms Organizations and Inspires Innovation, HBR Press
4. "SL Schensul, JJ Schensul, MD LeCompte", (latest reprint) Essential Ethnographic Methods: Observations, Interviews, and Questionnaires: 2 (Ethnographer's Toolkit), <https://rowman.com/ISBN/9780759122017>



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JSPM University Pune

FYBA Economics

Semester I

Course Type: AEC	Course Title: Effective Communication Skills	
Course Code: 230UENB01_01	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: Nil

Course Objectives:

- **Remember** key facts and concepts of communication skills.
- **Understand** the theories, fundamentals, and tools of communication.
- **Apply** basic language skills – listening, speaking, reading, and writing.
- **Analyze** functional grammar and language for professional usage.
- **Evaluate** the communication strategies used in case studies or real-world scenarios.
- **Create** social awareness.

Course Outcomes: On completion of the course, learner will be able to

CO1: Remember basic language skills- listening, speaking, reading, and writing and attempt tasks by using functional grammar and vocabulary effectively.

CO2: Reproduce their understanding of concepts / principles of communication skills.

CO3: Apply grammatical rules in professional communication.

CO4: Analyze professional content with effective listening and reading skills.

CO5: Evaluate the social scenarios and present themselves effectively.

CO6: Create socially aware personalities.

Course Contents

Unit I	Foundation of Communication	(02 Hrs)
Meaning, Definition, Scope, and Importance of Communication, Process and Types of Communication, Channels of Communication, Barriers to Effective Communication and ways to mitigate		
Unit II	Language Competency	(02 Hrs)
Basic rules of Tenses, Rules of Phonics, Diagraph, Trigraphs, Consonant blends and silent consonants, Construction of multi syllabic words		
Unit III	Active Listening	(02 Hrs)
Differentiating Active listening from Passive listening, Recognizing and overcoming common barriers to Active listening, Role of Active listening in professional interactions and conflict resolutions, Summarize and Analyze the content of broadcasts		



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Unit IV	Effective Speaking	(04 Hrs)
Identifying common fears and anxieties related to speaking, Techniques to build confidence and overcome stage fright, Voice modulation, pitch, and pace for engaging delivery, Impromptu Speaking		
Unit V	Skillful Reading	(02 Hrs)
Learning active reading techniques like Intensive Reading, Extensive reading Skimming and Scanning, identifying main ideas, supporting details, and drawing inferences, Strategies for vocabulary building and context-based understanding, Comprehensive Reading-Practical		
Unit VI	Comprehensive Writing	(03 Hrs)
Learning Sentence Structure essentials, Professional Email writing- Salutations, subject line, greeting, body, closing line, and signature, Memo, Notice and Agenda, Minutes of Meeting, Letter Writing: Formal Letter, Informal Letter, Business Letter, Job Application Complaint Letter and Leave Application		

Learning Resources

Textbooks:

1. Meenakshi Raman, *“Technical Communication Principles and Practice”*, Oxford University Press Fourth Edition May 2022

Reference Books:

1. Veerendra Mishra, *“English Language Skills: A Practical Approach”* Cambridge University Press, 2020.

MOOC / NPTEL Courses:

1. NPTEL Course *“Communication Skills”* Dr. T. Ravichandran, IIT Kanpur

Link of the Course: <https://archive.nptel.ac.in/courses/109/104/109104031/>

Additional Web Resources: <https://www.britishcouncil.in/english/online/resources-websites/moocs>



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JSPM University Pune		
FYBA Economics		
Semester I		
Course Type: IKS	Course Title: Wisdom through Ancient Indian History	
Course Code: 230UHIB02_01	Teaching Scheme: (Hrs./Week)	Examination Scheme:
Credits: 2	Lecture (L): 2 Tutorial : 0 Practical (P): 0 Experiential Learning (EL): 0	Theory (TH): 50 Marks
Prerequisite Courses, if any: Nil		
Course Objectives: <ul style="list-style-type: none">To Make Students aware about Indian History traditionsTo understand the value of Indian Wisdom.		
Course Outcomes: On completion of the course, learner will be able to CO1: IKS will be Introduced to students about the Outline of Indian Wisdom. CO2: Important and relevant topics from Ancient India will be understood. CO3: Students will understand scope of Indian Knowledge system. CO4: Able to understand relevance of India's ancient wisdom. CO5: Students can evaluate their actions and thoughts. CO6: Students will realize practicality of Indian Wisdom.		
Course Contents		
Unit I	Stories	(05 Hrs)
Panchatantra, Animal Fables: Relevance and Utility, Nature and Scope of Panchatantra, Jataka: Meaning and Nature, Overview of Gautam Buddha's Life, Relevance and learning from Jataka		
Unit II	Epics	(04 Hrs)
Ramayana, Importance of Discipline, Role of Collective Efforts, Mahabharat, Significance of Steady-Wisdom, Role of Karma		
Unit III	Puranas as Itihas	(04 Hrs)
Puran, Itihas and History: Meaning and Nature, Sthala Puran, Relevance of Puran, Puranjay Story, Four Purusharth: Dharma, Arth, Kama, Moksha		
Unit IV	Sangam Period	(04 Hrs)
Sangam, Meaning, Nature, and Scope, Concept of Tinais, Epics, Cilappatikaram, Manimekhalai		
Unit V	Sutra Literature	(07 Hrs)
Yoga Sutra of Patanjali, Nature & Scope, Ashtang Yoga, Brahma Sutra commentary of Adi-Shankaracharya, Nature & Relevance, Inter-relation between Knowledge-Meditation		
Unit VI	Nature of Health	(06 Hrs)



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Ayurveda, Definition of Health, Scope and Nature of Health, Approach, Four Ashram,
Analogy of Chariot from Bhagvad Gita

Learning Resources

Textbook:

1. Mahadevan B., Bhat Vinayak Rajat, Nagendra Pavana R. N., *Introduction to Indian Knowledge System*, PHI Learning Private Limited, New Delhi, 2023.

Reference Books:

1. Pusalkar A. D., *Studies in the Epics and Puranas*, Bharatiya Vidya Bhavan, Mumbai, 1955.
2. Rajagopalachari C., *Mahabharata*, Bharatiya Vidya Bhavan, Mumbai, 2019.
3. Swami Suparnananda, *The Cultural Heritage of India*, (Vol. II), The RamKrsna Mission Institute of Culture, Gol Park, Kolkata, 2016.

MOOC / NPTEL Courses:

1. Swayam Course "Indian Knowledge System", By Prof. B. Mahadevan, Dr. Vinayak Rajat Bhat, Dr. R Venkata Raghavan, Indian Institute of Management Bangalore (IIMB), Chanakya University, Bangalore.

Link of the Course: <https://swayam.gov.in/explorer?searchText=iks>

Additional Web Resources:

<https://iksindia.org/index.php>



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JSPM University Pune FYBA Economics Semester I		
Course Type: VEC	Course Title: Behavioral Science and Ethics	
Course Code: 230USYB01_01	Teaching Scheme: (Hrs./Week)	Examination Scheme:
Credits: 2	Lecture (L): 2 Theory (T): 0 Practical (P): 0 Experiential Learning (EL): 0	Theory (TH): 50 Marks
Prerequisite Courses, if any: Nil		
Course Objectives:		
<ul style="list-style-type: none"> To prepare students for their future endeavors by imparting a sense of self, understanding their surroundings and their nation. The course also teaches strategies to lead healthy lifestyles with a positive attitude. It enables students to learn the process of problem solving and creative thinking. In the second part of the course, the students are being prepared for their professional development by inculcating leadership skills and ethical work values. 		
Course Outcomes: On completion of the course, learner will be able to		
CO1: Understanding sense of self, nation, and society they are living in.		
CO2: Applying strategies to manage stress and understanding stress and its consequences.		
CO3: Analyzing problem and Strategizing way to solve it.		
CO4: Evaluating group dynamics and leadership skills.		
CO5: Creating healthy and ethical workspace.		
CO6: Remembering values, morality, and ethics through thick and thin of life.		
Course Contents		
Unit I	Self	(05 Hrs)
What is Behavioral science and its significance, Self-awareness and its importance, Components of self and self-identity, Self-concept, Self-confidence, Self-image		
Unit II	Stress Management	(05 Hrs)
What is stress? and understanding reasons for stress., What are possible consequences of the stress?, How to accept stress and share your emotions, What are strategies to manage stress?, Why seeking help is important when needed?		
Unit III	Thinking, Perceiving and Problem Solving	(05 Hrs)
How to approach and analyze a problem?, How to think?, How to strategize and plan actions?, How to implement plans of action?, What is creative thinking and how to process it?		
Unit IV	Group Dynamics and Leadership Skills	(05 Hrs)



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Definition and characteristics of group, What are external and internal conditions affecting group functioning?, What are group conflict and group cohesiveness?, Meaning, nature and functions of leadership, What are characteristics of a good leader?

Unit V	Indian Ethics	(05 Hrs)
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Sources of Moral Ideals in India, Ethics: Its Meaning in Indian Tradition, Ethics in Vedic Period, Ethics in Dharmasastras and Itihasas, Way of Righteousness in the Gita, Ethical Concepts of Hindu Tradition, Ethics in Buddhism, Jaina Ethics.

Unit VI	Western Ethics	(05 Hrs)
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Aristotle, Thomas Aquinas, William of Ockham, Thomas Hobbes, Jeremy Bentham, Immanuel Kant, John Stuart Mill, Emile Durkheim.

Learning Resources

Textbook:

1. Bates, A.P and Jullian J " Sociology: Understanding social Behaviour", Houghton Mifflin, 1975.

Reference Book:

1. J William Pfeiffer (ed) Theories and Models in Applied Behavioural Science, Vol 2, Group (1996); Pfeiffer and company.

2. William Frankena K, Ethics, Prentice-Hall, Inc., 1973

3. <https://dorshon.com/wp-content/uploads/2018/03/Ethics.pdf>

MOOC / NPTEL Course:

NPTEL Course: https://onlinecourses.nptel.ac.in/noc20_hs28/preview Prof. Naveen Kashyap, IIT Guwahati

Other online material: Ethics notes IGNOU -

<https://egyankosh.ac.in/handle/123456789/4774>



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FYBA ECONOMICS

Semester- I

Course Type: SLC	Course Title: Applied Microeconomics	
Course Code: 240UEEB03_01	Teaching Scheme: (Hrs./Week)	Examination Scheme:
Credits: 1	Lecture (L): 0 Tutorial (T): 0 Practical (P): 0 Experiential Learning (EL): 4	Theory (TH): 50 Marks

Course Objectives:

To bridge the gap between theoretical microeconomics and its practical applications.
To develop analytical and problem-solving skills through experiential learning.

Course Outcomes: On completion of the course, learner will be able to

CO1 Knowledge: Students will be able to identify and describe fundamental concepts in microeconomics.

CO2 Comprehension: Students will be able to articulate the significance of applying microeconomic theories to practical situations.

CO3 Application: Students will apply microeconomic methods to conduct market research, analyze consumer behavior.

CO4 Analysis: Students will analyze various market structures examining their characteristics, pricing strategies and the impact of market power through case studies.

CO5 Synthesis: Students will work in terms to identify an economic issue, conduct comprehensive analysis using microeconomic tools, and create a detailed report with recommendations.

CO6 Evaluation: Student will evaluate the effects of government interventions in markets, using case studies to critique and assess the effectiveness and economic impact of various public policies and regulations.

Course Contents

Unit I	Introduction to Applied Microeconomics	(03 Hrs)
Overview of microeconomic principles Importance of applying microeconomics in real-world contexts		
Unit II	Market Analysis and Consumer Behavior	(02 Hrs)
Field visits to local businesses and industries Empirical estimation of production functions and cost curves.		
Unit III	Market Structures and Pricing Strategies	(03 Hrs)
Investigating different market structures; perfect competition, Monopoly, monopolistic competition and oligopoly. Real-world case studies on pricing strategies and market power.		



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Unit IV	Public Policy and Market Regulation	(03 Hrs)
Understanding the role of government in market regulation Case studies on Government market Regulation in India.		
Unit V	Experimental methods	(02 Hrs)
Experimental studies on consumer behavior Analyzing experimental data and interpreting results		
Unit VI	Capstone Project	(02 Hrs)
Students to work in teams to identify a real-world economic issue. (group activity)		
Learning Resources		
1. Perloff, J. M. (2020). Microeconomics: Theory and applications with calculus, 5th edition, Pearson. 2. Baye, M. R., & Prince, J. T. (2021). Managerial economics and business strategy, 10th edition, McGraw-Hill Education. 3. Bardsley, N., Cubitt, R., Loomes, G., Moffatt, P., Starmer, C., & Sugden, R, 2010 Edition. Experimental economics: Rethinking the rules. Princeton University Press. 4. Various authors, Research papers and case studies provided throughout the course.		



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JSPM University Pune		
FYBA Economics		
Semester I		
Course Type: LLC	Course Title: Mindfulness and Wellbeing	
Course Code: 231UPYB02_01	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: 1. Regularity and discipline 2. Practice and patience		
Course Objectives: Participants will learn to apply mindfulness in various aspects of their lives, fostering resilience and promoting mental and emotional balance.		
Course Outcomes: On completion of the course, learner will be able to CO1: To understand the fundamental principles of mindfulness as presented in the work of Jon Kabat Zinn and Satipatthana sutta CO2: To practice mindfulness meditation techniques for stress reduction and emotional regulation. CO3: To explore the scientific research supporting the benefits of mindfulness-based practices. CO4: To apply mindfulness in everyday life, including in relationships, work, and self-care. CO5: To develop personal mindfulness practice and cultivate a sense of mindfulness in the present moment.		
Course Contents		
Unit I	Introduction to Mindfulness	(02 Hrs)
Definition and history of mindfulness, Understanding the mind-body connection, Benefits of mindfulness for mental and physical health, Mindful eating and drinking		
Unit II	Mindful Meditation Techniques	(02 Hrs)
Breath awareness meditation, Body scan meditation, Loving-kindness meditation, Walking meditation		
Unit III	Integrating Mindfulness into Daily Life	(02 Hrs)



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Creating a mindful environment, Mindful parenting and family life, Mindfulness and creativity, Establishing a sustainable mindfulness practice

Unit IV	Four Types of Mindfulness	(03 Hrs)
Mindfulness of the body (kāyānupassanā), Mindfulness of feelings (vedanānupassanā), Mindfulness of mind (cittānupassanā), Mindfulness of dhammas (dhammānupassanā)		
Unit V	Managing Stress and Emotions	(03 Hrs)
Mindfulness-based stress reduction (MBSR) techniques, Mindfulness for anxiety and depression, Emotional regulation through mindfulness, Mindfulness for coping with pain and discomfort		
Unit VI	Cultivating Mindful Awareness	(03 Hrs)
Developing non-judgmental awareness, Mindfulness of thoughts and emotions, Mindfulness in communication and relationships, Mindfulness in the workplace and daily activities		

Learning Resources

Textbooks: (Maximum 2)

1. Zinn, Jon Kabat. *Mindfulness for Beginners*. Jaico Publishing House, 2017.
2. Gunaratana, Henepola. *The four foundations of mindfulness in plain English*. Wisdom publications, Boston, 2012.
<https://www.theravadabuddhistcommunity.org/wp-content/uploads/2022/04/The-Four-Foundations-of-Mindfulness-in-Plain-English-PDFDrive-1.pdf>

Reference Books:

1. Kabat-Zinn, Jon, et al. *The mindfulness revolution: Leading psychologists, scientists, artists, and meditation teachers on the power of mindfulness in daily life*. Shambhala Publications, 2011.

Coursera Courses:

1. <https://www.coursera.org/specializations/mindfulness-and-well-being>