TYBA (Economics)

Semester V

Table of Contents

Major 1

Advanced Microeconomics III

Advanced Microeconomics III

Course Credit: 4

Module 1: Market Structure: Monopoly and Monopolistic Competition (15 Hours)

- Monopoly - Measurement of Monopoly Power.
- Price Discrimination: Types and Degrees of Price Discrimination,
- Equilibrium under discriminating Monopoly,
- Regulation of Monopoly Market Product Differentiation in Monopolistic Competition.
- Chamberlin's Alternative approach- Equilibrium under Monopolistic Competition Excess Capacity.

Module 2: Oligopoly (15 Hours)

- Meaning and Characteristics of Oligopoly.
- Rigid Prices - The Cournot Model - The Sweezy Model of Kinked Demand Curve.
- Collusive Oligopoly - Cartel: Centralised and Market Sharing Cartel.
- Imperfect Collusion- Price Leadership Models.
- Game Theory - Prisoner's Dilemma, Nash Equilibrium and Dominant Strategy Equilibrium.

Module 3: General Equilibrium and Welfare Economics (15 Hours)

- Concept of General Equilibrium and Walrasian General Equilibrium Model.
- Pareto Optimality – The Pareto Optimality Condition of Social Welfare.
- Marginal Conditions for Pareto Optimal Resource Allocation - Perfect Competition and Pareto Optimality - Arrow's Impossibility Theorem.

Module 4: Information Economics (15 Hours)

- Economics of Search and Search Cost.
- The Theory of Asymmetric Information-The Market for Lemons and Adverse Selection - Risk Preference and Expected Utility - The Problem of Moral Hazard - Market Signaling - Principal-Agent Problem.
- Market Failure- Remedies for market failure: Taxation, regulation, subsidies.
- Role of institutions in reducing information problems.

References:

1. Jhingan M. L. (2012), Advanced Economic Theory, Vrinda Publications, Delhi.
2. Mankiw N. Gregory (2015), Principles of Microeconomics, Cengage Learning.
3. Patil K. A (Second edition, 2011, Marathi), Advanced Economic Theory-Micro Analysis, Shri Mangesh Prakashan, Nagpur.
4. Salvatore D. (2006), Microeconomics: Theory and Applications, Oxford University Press, New Delhi.
5. Varian Hal R. (8th Edition 2010) Intermediate Microeconomics: A Modern Approach, East-West Press, New Delhi

Major 2

Economics of Growth & Development

Major 2: Economics of Growth & Development

Course Credit: 4

Module 1: Concepts of Economic Growth and Development (15Hours)

- Meaning & Difference between Economic Growth and Development.
- Indicators of Growth & Development.
- Meaning of Human Development: HDI & GDI.
- Amartya Sen's Capability Approach of Development- Meaning & indicators of Sustainable Development.
- Concept of Human Happiness & Gross Happiness Index.
- Concept & Need of Inclusive Growth.

Module 2: Theories of Economic Growth (15Hours)

- Adam Smith's Theory of Economic Development.
- Karl Marx's Theory of Economic Development.
- W. W. Rostow's Stages of Growth Theory.
- Harrod-Domar Growth Model.
- Lewis Dual Sector Model.
- Schumpeter's Theory Of Development.

Module 3: Development Issues and Policies (15Hours)

- Concept of Human Capital- Role of Education Health And Nutrition in Human Capital.
- Meaning and Measurement Of Poverty and Inequality - Measures to Eradicate Poverty And Inequality.
- Migration, Urbanization- Formal and Informal Sector.
- Environmental Sustainability and Climate Change.
- Self Help Groups and Micro Finance.

Module 4: Planning Technology and Economic Development (15Hours)

- Concept and Role of Infrastructure in Economic Development.
- Role of Technology in Economic Development- Labour-Intensive versus Capital-Intensive Technology.
- Schumacher's Concept of Intermediate and Appropriate Technology -Green Technology.
- Meaning & Types Of Economic Planning -Role Of Planning In Economic Development.
- NITI Aayog.

References:

1. Todaro, M. P. & Smith, S. C. Economic Development, Pearson.
2. Thirlwall, A. P. Growth and Development: With Special Reference to Developing Economies, Palgrave.
3. Michael Barro, Robert J. & Xavier Sala-i-Martin Economic Growth, MIT Press.
4. Debraj Ray Development Economics, Oxford University Press.
5. Misra, S. K. & Puri, V. K. Indian Economy, Himalaya Publishing House.

6. Uma Kapila (Ed.) Indian Economy: Performance and Policies, Academic Foundation.
7. Dhingra, I. C. Indian Economy, Sultan Chand.
8. Jhingan, M. L. Economics of Development and Planning, Vrinda Publications.

Major 3
Kautirya’s Economics -I
(IKS)

Kautirya's Economics -I (IKS)

Course Credit: 2

Module 1: Introduction to Kautilya's Economic Thought and State Finance and Revenue Administration (15 Hours)

- Historical Background of the Arthashastra.
- Structure and Contents of Arthashastra.
- Various Disciplines in The Ancient Indian Education System.
- Place of Kautilya's Economic Ideas among Ancient Indian Knowledge Traditions.
- Concept of State Income in Kautilya's Economic Thought.
- Sources of Revenue of the State.
- Methods of Revenue Collection.
- Administrative Duties of The Koshadhyaksha (Treasurer).
- Financial Organization of the Mauryan State.
- Economic Role of the State in Kautilya's Theory.

Module 2: Ancient Revenue System and Financial Regulation (15 Hours)

- Forty Ways of Embezzlement of Revenue.
- Punishments for Financial Corruption.
- Accountability of State Officials.
- Principles of Expenditure, Loss and Profit In Public Finance.
- Accounting and Maintenance of State Records.
- Recovery of Debts.
- Deposits of the State.
- Resumption of Gifts and Grants.
- Remission of Taxes and Financial Relief.

References:

1. Kautilya (2012). The Arthashastra. New Delhi: Penguin Books India.
2. R. P. Kangle (2010 reprint). The Kautiliya Arthashastra. Delhi: Motilal Banarsidass Publishers.
3. L. N. Rangarajan (1992). Kautilya: The Arthashastra. New Delhi: Penguin Books.
4. D. R. Bhandarkar (2016 reprint). Some Aspects of Ancient Indian Polity. Delhi: Motilal Banarsidass Publishers.
5. B. K. Sarkar (2019 reprint). Political Institutions and Theories of the Hindus. New Delhi: Low Price Publications.
6. U. N. Ghoshal (2017 reprint). A History of Indian Political Ideas. New Delhi: Oxford University Press.
7. Romila Thapar (2002). Early India: From the Origins to AD 1300. New Delhi: Penguin Books India.
8. Arthashastra of Kautilya by T. Ganapati Shastri, Chaukhambha Surbharti Prakashana, Varanasi, India, 2005.
9. Arthashastra of Kautilya by Sri. Vacaspati Gairola, Chaukhambha Vidyabahavan, Varanasi, India, 2013
10. Kautilya's Arthashastra: The Way of Financial Management and Economic Governance, Jaico Publishing House, Mumbai, India

Electives: Economy of Maharashtra-I

Electives: Economy of Maharashtra-I

Course Credit: 4

Module 1: Introduction to the Economy of Maharashtra **(15 Hours)**

- Features of the Economy of Maharashtra.
- Key Economic Indicators Of Maharashtra
- Geographical Structure and Administrative Setup of Maharashtra.
- Population Composition of Maharashtra.
- Role of State Government in the Economy of Maharashtra.
- Issues and challenges of the economy of Maharashtra.
- Causes of Deprivation and Reforms to be undertaken in Maharashtra.
- Issues and Challenges of Urbanization in Maharashtra.

Module 2: Agriculture and Cooperation in Maharashtra **(15 Hours)**

- Role of agriculture in the economy of Maharashtra.
- Agriculture productivity-Problems & Policies measures to increase productivity.
- Cropping pattern and area under cultivation in Maharashtra.
- Problems and policy measures of Agricultural Marketing in Maharashtra.
- Meaning, Objectives, Features of Cooperative Movement in Maharashtra.
- Features & Objectives of Co-operative Marketing. Structure of Co Operative Financial System in Maharashtra.

Module 3: Industry and Infrastructure in Maharashtra **(15 Hours)**

- Industrial Development in Maharashtra.
- Role of MIDC and Industrial Policy of Maharashtra.
- Effects of Industrialization. FDI & Industrial Development in Maharashtra.
- Role of Infrastructure in the Development of the Economy of Maharashtra.
- Progress of Road and Transport, Communication, Irrigation & Power, Public health & Educational infrastructure in Maharashtra.

Module 4: Banking and Finance in Maharashtra **(15 Hours)**

- Structure of Banking in the Economy of Maharashtra.
- Structure of Co-Operative Financial System in Maharashtra.
- Priority Sector Lending of Banks in Maharashtra.
- Microfinance and Financial Inclusion in Maharashtra.
- The Role and Progress of Banking in Maharashtra.
- State Finance Commission of Maharashtra.
- Sources of Revenue and Expenditure of the Maharashtra State Government.
- Budget of Maharashtra.

References:

1. Economic Survey of Maharashtra of 2024-25 published by Directorate of Economics and Statistics, Planning Department, Govt. of Maharashtra, Mumbai.
2. Bhalchandra Mungekar–(January 2003) The Economy of Maharashtra - Changing Structure and Emerging Issues, published by Dr. Ambedkar Institute of Social and Economic Change.
3. Chandrahas Deshpande (2019) Economy of Maharashtra, Mumbai.
4. Mishra / Puri, Ruddar & Dutt, Agarwal, (2013),.Indian Economy, Himalaya Publishing House, Mumbai.
5. Mahajan Mukund, (1994), Indian Economy and the Economic problem of Maharashtra, Volume-I, Nirali Prakashan, Pune.
6. Mahajan Mukund, (1994), Indian Economy and the Economic problem of Maharashtra, Volume-I, Nirali Prakashan, Pune.

VSC (Economics): Technical Analysis of Stock Market

VSC (Economics): Technical Analysis of Stock Market

Course Credit: 2

Module1: Introduction of Stock Market in India **(15 Hours)**

- Introduction of Stock Market in India.
- Market Participants – Speculators, Arbitrators, and Hedgers Stock.
- Different Types of Markets - Equity Market, Derivatives Market.
- Stock Exchanges - BSE, NSE, Sensex, Nifty 50, Gift Nifty.
- Different Sector Wise Indices –Nifty Bank, Nifty Mid Cap, Nifty Small Cap, Nifty Large Cap Indices.
- Types of Analysis – Fundamental & Technical Analysis.
- Bull, Bear and Sideways.
- Dow Theory.
- Elliott Wave theory.

Module 2: Technical Analysis **(15 Hours)**

- Introduction to Technical Analysis- Its Principles, Charts and Types of Charts.
- Trend Line -Uses and Importance.
- Demand/Support and Supply/Resistance.
- Retest.
- Breakout.
- Types of candle sticks.
- Chart patterns.
- Technical Tools (oscillators and indicators): Moving Average, RSI, Pivot Points, MACD, Bollinger Bands.

References:

1. Technical Analysis of the Financial Markets: A Comprehensive Guide to Trading Methods and Applications — John J. Murphy, 2020 (Special Indian Edition, Prentice Hall / Penguin India), ISBN 9780593332443
2. Japanese Candlestick Charting Techniques — Steve Nison, 2001 (Second Edition, Prentice Hall Press), ISBN 9780735201811
3. Technical Analysis Explained — Martin J. Pring, McGraw-Hill India, ISBN-13: 9789339205102
4. A to Z Share Market — Gautam Kumar, Notion Press (भारत), ISBN 9798885212847
5. Technical Analysis Using Multiple Time Frames — Brian Shannon, LifeVest Publishing, 2008, ISBN details vary (commonly referenced by trading community)
6. Encyclopaedia of Chart Patterns — Thomas N. Bulkowski, Wiley, ISBN 9780471668268 (international edition)
7. Getting Started in Technical Analysis — Jack D. Schwager, Wiley, ISBN 9781119523675

8. Technical Analysis from A to Z — Steven B. Achelis, McGraw-Hill, ISBN 9780070627979
9. A Complete Guide to Volume Price Analysis — Anna Coulling, Harriman House, ISBN 9780857197618
10. Trading in the Zone — Mark Douglas, Prentice Hall Press, ISBN 9780735201446.

Major 2 (History): Introduction to Sculptures in Maharashtra

Introduction to Sculptures in Maharashtra

Course Credit: 2

Module 1: Traditional Sculpture of Maharashtra (Ancient and Medieval Period) (15 Hours)

- Sculpture as an Art Form (Meaning and Uses of Sculpture).
- Rock cut and Early Temple Sculpture of Maharashtra (Cave sculpture and temple sculpture).
- Regional Temple Tradition in Medieval. (Yadava and Maratha period).

Module 2: Folk and Modern Sculpture of Maharashtra (Folk and Modern Period) (15 Hours)

- Folk Sculptural Practice (Village deities and folk form)
- Emergence of Modern Sculpture in Maharashtra Impact of colonialism and art institutions– New materials, themes, and styles in modern sculpture
- Eminent Sculptors and their contributions Themes, styles, and significance of their works

Text Books:

1. Dehejia Vidya, (1997), Indian Art, Phaidon Press, London.
2. Michell George, (1988.), The Hindu Temple: An Introduction to Its Meaning and Forms, University of Chicago Press,
3. Harle, J. C., (1994), The Art and Architecture of the Indian Subcontinent, Yale University Press,
4. Brown Percy, Indian Architecture (Buddhist and Hindu Periods), D.B. Taraporevala Sons, Mumbai, 1971.
5. Archaeological Survey of India, Cave Temples of Western India, ASI Publications.

References:

1. Behl, B. K., & Nigam, S. (1998). The Ajanta Caves: Artistic Wonder of Ancient Buddhist India.
2. Shende, A. S. (n.d.). Tantric Buddhist Sculptures in Maharashtra’s Cave Shrines: An Iconographic and Socio-Cultural Study. Research India Press.
3. Kumar, A. (2013). Sculptural Art in Early Buddhist (Hinayana) Caves of Western Maharashtra: A Stylo-Chrono Study. New Bharatiya Book Corporation.
4. Pant, P. (n.d.). Ajanta & Ellora Cave Temples of Ancient India. Lustre Press / Roli Books.
5. Parimoo, R., Kannal, D., & Panikkar, S. (Eds.). (1988). Ellora Caves, Sculptures and Architecture: Collected Papers of the UGC National Seminar. Books & Books.
6. Spink, W. (2005). Ajanta: History and Development, Volume 1. Brill.
7. Spink, W. (2006). Ajanta: History and Development, Volume 2. Brill.
8. Michell, G. (1977). The Hindu Temple: An Introduction to Its Meaning and Forms. University of Chicago Press.
9. Hardy, A. (1995). Indian Temple Architecture: Form and Transformation. Abhinav Publications.
10. Kramrisch, S. (1976). The Art of India: Buddhist, Hindu, Jain. Pelican History of Art.
11. Mahalingam, T. V. (1963). Early South Indian Stone Temples: Form, Iconography and Culture. Asian Educational Services.

12. Meister, M. W. (Ed.). (1988). Encyclopaedia of Indian Temple Architecture (Vol. I). American Institute of Indian Studies.
13. Michell, G. (1988). Elephanta: The Cave Temple of Shiva. Thames & Hudson.
14. Kossak, S., & Dube, S. (2001). Heavenly Bodies: Sculpture of India's Temple and Court. Yale University Press.
15. Sheth, P. (2006). The Dictionary of Indian Art and Artists: Including Technical Art Terms. Mapin Publishing.
16. Agrawal, O. P. (1981). India as Known to Panini: A Study of the Cultural Material in the Ashtadhyayi. Concept Publishing Company.
17. Brown, P. (1991). Indian Architecture (Buddhist and Hindu Periods). Taraporevala.
18. Pal, M. (1990). Indian Sculpture: A History. National Book Trust.
19. Michell, G. (1990). The Penguin Guide to the Monuments of India: Buddhist, Jain, Hindu. Penguin.
20. Kalia, A. (1994). Buddhist Monuments of India: Buddhist Sculpture, Architecture, and Art. Bharatiya Publishing House.

Marathi Books-

1. महाडिक घिशाम, (२०२१), महाराष्ट्रातील कला आणि संस्कृती, ववद्र्ा बुक्स, पुिे
2. बापट, आशुतोष, (२०२३), मंहदरांच्र्ा देशा: महाराष्ट्रातील प्राचीन मंहदर आणि शशल्पकला,
3. इंदुरकर उदर्न, (२०१९), प्राचीन मंहदरे, मूती आणि भावपूिय शशल्पे, भारतीर् ववचार साधना, पुिे
4. समेळ पंकज, (२०२१), वारसा अनतताचा (मंहदरे, लेिी, शशलालेख, ककल्ले आणि बरेच काही), मेव्हायन टेक्नोलॉजी , पुिे

Major 2 (Psychology): Foundation to Organizational Behavior

Major 2: Foundation to Organizational Behavior
Course Credit: 2

Module 1: Understanding Organizational Behavior

- What is Organizational Behavior?
  a. What is Management? Evidence Based Management.
  b. Disciplines that Contribute to Organizational Behavior.
  c. Challenges and Opportunities for Organizational Behavior.

- Organizational Structure
  a. What is it?
  b. Common Organizational Designs.

- Workforce diversity
  a. Ability.
  b. Implementing Diversity Management Strategies.

Module 2: Psychological Factors in Organizational Behavior

- Attitudes
  a. Components of Attitudes.
  b. How Does Attitude Affect Behavior?
  c. Major Job Attitudes - Consequences At Workplace

- Job Satisfaction
  a. Measuring Job Satisfaction
  b. Causes of Job Satisfaction, Impact of Job Satisfaction

- Personality & Values
  a. What is Personality?
  b. Importance of Values.
  c. Person-Job Fit, Person-Organization Fit.

- .Psychological Capital
  a. Understanding Resilience, Optimism, and Self-Efficacy.
  b. Improving Productivity Using Psychological Capital.

Text Books / Reference

1. Robbins, S. P., Judge, T. A., & Vohra, N. (2019). Organizational Behavior (18th ed.). Pearson Education.

Reference Books:

1. Singh, K. (2015). Organizational Behaviour: Text and Cases (3rd ed.). Vikas Publishing House.
2. Pareek, U., & Khanna, S. (2016). Understanding Organizational Behaviour (4th ed.). Oxford University Press.
3. Luthans, F., Luthans, B. C., & Luthans, K. W. (2021). Organizational Behavior: An Evidence-Based Approach (14th ed.). McGraw-Hill Education.
4. Spector, P. E. (2021). Industrial and Organizational Psychology: Research and Practice (8th ed.). Wiley India.

5. Gupta, C. B. (2014). A Textbook of Organisational Behaviour. Sultan Chand & Sons.
6. Sinha, J. B. P. (2008). Culture and Organizational Behaviour. SAGE Publications India

TYBA (Economics)

Semester VI

Table of Contents

Major 1
Advanced Macroeconomics-III

Advanced Macroeconomics III

Course Credit: 4

Module 1: Public Finance and Macroeconomic Stability (15 Hours)

- Role of Government in the Economy.
- Public Revenue - Tax and Non-Tax Revenue.
- Direct and Indirect Taxes.
- Public Expenditure - Types and Importance.
- Public Debt - Meaning, Sources and Burden of Public Debt.
- Fiscal Deficit and Budgetary Imbalances - Revenue deficit, Fiscal Deficit, Primary Deficit.
- Fiscal Responsibility and Budget Management (FRBM) Act 2003.

Module 2: Indian Macroeconomic Structure and Reforms (15 Hours)

- Macroeconomic Issues in India – Inflation, Unemployment, Poverty and Inequality.
- Economic Reforms since 1991 - Liberalisation, Privatisation and Globalisation (LPG).
- Macroeconomic Impact of Reforms - Growth, Employment, Inflation and External Sector.
- Role of NITI Aayog and Planning in India.
- Recent Macroeconomic Challenges in India.

Module 3: Global Macroeconomics and Interdependence (15 Hours)

- Globalisation and Macroeconomic Interdependence: Trade, Capital Flows and Global Production.
- International Financial Institutions - IMF, World Bank and WTO: roles and Relevance.
- Global Financial Crises - Causes and Macroeconomic Consequences.

Module 4: Emerging Economies and Contemporary Macroeconomic Issues. (15 Hours)

- Macroeconomics of Emerging Economies - Challenges of Capital Flows and Exchange Rate Volatility.
- Contemporary Macroeconomic Issues - Digital Economy and Macroeconomic Measurement.
- Climate Change and Sustainable Growth.
- COVID-19 and Macroeconomic Policy Response.

References:

1. Blanchard, Oliver (2008), Macroeconomics, Pearson Education, New Delhi, India.
2. Dornbusch, Fisher and Startz (2018): Macroeconomics, McGraw Hill Education (India) Pvt. Ltd.
3. Mankiw N Gregory (2003), Macroeconomics, 6" edition, Worth Publishers, New York.
4. Patil J. F (2005, Marathi Edition), Macroeconomic Analysis, Phadke Prakashan, Kolhapur.
5. Rana K. C. & Verma K.N (2017), International Economics, Vishal Publishing CO. Jalandhar.
6. Salvatore D. (1997), International Economics, Printice Hall, New York.
7. Datt, R. & Sundharam, K.P.M., Indian Economy, S. Chand.

8. Misra, S.K. & Puri, V.K., Indian Economy, Himalaya Publishing House.

9. Jhingan, M.L., Advanced Economic Theory: Macroeconomics, Vrinda Publications
10. Musgrave, R.A. & Musgrave, P.B., Public Finance in Theory and Practice, McGraw-Hill.

Major 2: International Economics

Major 2: International Economics
Course Credit: 4

Module 1: International Trade Theory **(15 Hours)**

- International Trade: Concept, Importance.
- Inter-Regional (Domestic) and International Trade- Concepts, Differences.
- Free Trade v/s Protection.
- The Classical Theories of International Trade - Adam Smith, David Ricardo.
- Mill's Reciprocal Demand Analysis.
- Modern theory of International Trade: Heckscher-Ohlin Theory of International Trade.

Module 2: Terms of Trade and Gains from Trade: **(15 Hours)**

- Terms of Trade: Meaning, Types and Determinants.
- Gains from Trade- Meaning, Types and Measurement- J.S.Mills and Modern Approach.
- Concept of Actual Gains and Potential Gains from Trade.
- Trade Multiplier.

Module 3: Balance of Payment and Exchange Rate **(15 Hours)**

- Concepts and Components of BOP.
- Equilibrium and Disequilibria in Balance of Payments.
- Types of Disequilibrium.
- Remedial measures to correct the Disequilibrium.
- Types of Tariffs and Quotas and Their Impact on Partial Equilibrium Analysis.
- Concept of Optimum Tariff.
- Exchange Rate: Meaning, Functions and Ddetermination of the equilibrium Rate of exchange. Purchasing Power Parity Theory, fixed and flexible, spot and forward Exchange Rate.
- Devaluation and Depression, and Arbitrage.
- Exchange Rate Policy in India.

Module 4: Indian International Trade and Trading Blocks **(15 Hours)**

- Direction and Composition of India's Foreign Trade.
- Export and Import Policies of India.
- Regional Trade Blocks (European Union, ASEAN, SAARC), GATT, WTO, IMF, World Bank, ADB.

References

1. Agarwal ,Babita Antarrastriya Arthshastra, Omega Publications.
2. Bhatia, H.L International Economics, Vikash Publishing House.
3. Field, Alfred.J & Appleyard, Dennis.R International Economics, McGraw Hill.
4. Kennan, P.B, The International Economy, Cambridge University Press London.
5. Kindleberger, C.P. International Economics, R.D. Irwin, Home Wood.
6. Krugman, P.R. and M. Obstfeld International Economics -Theory and policy, Glenview, Foresman.
7. Krugman,Paul.R &Obstfeld, Maurice International Economics, Pearson.

8. Mithani,D.M, Money,banking, International Trade and Public Finance, Himalaya Publishing House.

9. Patel S.J. Indian Economy Towards the 21st Century, University Press Ltd, India.
10. Salvatore, D.L. International Economics, Prentice-Hall, Upper Saddle River, N. J.
11. Salvatore, Dominick International Economics: Trade & Finance, Wiley Publishers.
12. Soderstein, International economics, Macmillan Press Ltd,.London
13. Vaishya,M.C. & Singh, Sudama International Economics, Oxford &IBH Publishing House, Delhi.

Major 3: Indian Economy-II

Indian Economy-II
Course Credit: 4

Module 1: Agricultural Sector of Indian Economy **(15 Hours)**

- Contribution of Primary sector in Indian Economy.
- Trends in Agricultural Production and Productivity.
- Causes & Measures of Low Farm Productivity.
- Benefits of Green, White, Blue & Yellow Revolution in Indian Agriculture.
- Meaning, Merits & Demerits of Organic farming.
- Agricultural Price Policy in India.
- Provisions for Agriculture in WTO& India.

Module 2: Industrial Sector of India **(15 Hours)**

- Role & Importance of Industrial Sector in Indian Economy.
- Classification of Industry: Large, Medium, Small & Micro Enterprises.
- Benefits, Problems & Measures of MSME.
- Impact of Liberalization on Indian Industry.
- An Overview of Industrial Policy of India 1956 & 1991.
- Industrial Sickness.
- Industrial Finance & Industrial labor.

Module 3: Tertiary Sector & Economic Planning in India **(15 Hours)**

- Growth & Contribution of Service Sector in Indian Economy.
- Employment Generation in Services Sector.
- Importance of BPO, KPO & IT Services for Employment in India.
- Performance of Trade and Tourism Services.
- Meaning and Major Objectives Economic Planning in India.
- Major Constraints and Outcomes of Economic Planning.
- Planning Commission Vs NITI Aayog.
-

Module 4: Indian Export-Import and Public Finance **(15 Hours)**

- Size of Indian Exports & Imports since Independence.
- Structure/pattern of Export & Import pre and post 1991.
- Direction of Foreign Trade of India.
- Problems & Measures of Indian Export.
- India’s Foreign Trade Policy 2023.
- Meaning & Types of Budget.
- Limitations of Budget in India.
- Sources of Public Revenue and Different Types of Public Expenditure in India.
- Budgetary Deficit & Deficit Finance in India.

References:

1. Dutt R. and Ashwini Mahajan, K.P.M. Sundaram’s (Latest Edition), Indian Economy’s., Sultan Chand and Co.Ltd., New Delhi.
2. Dhingra L.C., The Indian Economy - Environment and Policy, Sultan Chand and Sons, New Delhi.
3. Dutt R.C., The Economic History of India under Early British rule, Low Price publications, Delhi.
4. Mishra S.K. and V.K. Puri, Indian Economy -It's Development Experience, Himalaya Publishing House, Mumbai.
5. Jalan B., the Indian Economy - Problems and Prospects, Viking, New Delhi.
6. Dutt R., (Ed.), (2001), Second Generation Economic reforms in Indian, Deep and Deep Publications, New Delhi.
7. Handbook of Statistics on Indian Economy. (Various issues)
8. Economic Survey of India. (2023.24)
9. World Development Report. (Latest)
10. https://www.dgft.gov.in/CP/?opt=ft-policy (For Foreign Trade Policy 2023)
11. रायखेलकर-दाि जी (२००३)भारतीय अर्थव्यवस्ा,णवद्या बुक्स पब्लीशर्थ, औरगाबाद
12. पारवेकर रावर्ाहेब २००४ भारतीय अर्थव्यवस्ेच्या णवकार्णवषयक र्िस्या,िीनाप्रकाशन,देवगड
13. भोर्ले-काटे (२००५), भारतीय अर्थव्यवस्ा, फडके प्रकाशन, कोल्हापूर
14. दास्ताने र्तो (२००६)िहाराष्ट्र ,दास्ताने राि चंद्र आणि कं पनी,पुिे.
15. भोर्ले-काटे-दाि ज (२०१४ भारतीय अर्थव्यवस्ा,फडके प्रकाशन, कोल्हापूर.

Major 4: Indian Economic Thoughts-II

Indian Economic Thoughts-II
Course Credit: 2

Module 1: Economic Policies of Chhatrapati Shivaji Maharaj (15 Hours)

- Agrarian Policy and Rural Development: Land Measurement and classification, Promotion of Cultivation and Settlement, Protection of Peasants and Revival of Agriculture.
- Taxation Policy: Rational Land Revenue System (moderate taxation), Flexibility in Tax Payment (cash or kind), Remissions during Natural Calamities.
- Administrative Reforms: Direct relation between State and Cultivators, Reduction of Intermediaries.
- Significance: Welfare-oriented state, Farmer-Centric Governance.

Module 2: Economic Thought of Dadabhai Naoroji and Mahatma Jyotiba Phule (15 Hours)

- Dadabhai Naoroji- Drain Theory: Concept of Economic Drain under British Rule.
- Causes: Remittances, Trade Imbalance, Pensions, and Administrative Expenses.
- Impact on Poverty and Underdevelopment.
- National Income Estimates.
- Critique of Colonial Taxation, Regressive tax structure, Burden of military expenditure.
- Relevance: Foundation of Economic Nationalism
- Mahatma Jyotiba Phule- Views on Agriculture.
- Condition of Peasants and Exploitation.
- Need for irrigation and State Support.
- Critique of Social and Economic Inequality.
- Link between Caste and Economic Deprivation.
- Role of Education in Economic Development.
- Advocacy for Social Justice and Inclusive Growth.

Text Books Standard Books

1. Datt, R.C. – Economic History of India
2. Naoroji, Dadabhai – Poverty and Un-British Rule in India
3. Desai, A.R. – Social Background of Indian Nationalism
4. Chandra, Bipan – India’s Struggle for Independence
5. Sundaram, K.P.M. – Indian Economy
6. Venkata Subramanian – History of Economic Thought
7. Schumpeter, J.A. – History of Economic Analysis

Books on Shivaji Maharaj

8. Sarkar, Jadunath – Shivaji and His Times
9. Mehendale, Gajanan – Shivaji: His Life and Times

10. Kulkarni, A.R. – Maharashtra in the Age of Shivaji Books on Dadabhai Naoroji
11. Naoroji, Dadabhai – Poverty and Un-British Rule in India
12. Chandra, Bipan – The Rise and Growth of Economic Nationalism in India Books on Mahatma Phule
13. Phule, Jyotiba – Gulamgiri
14. O'Hanlon, Rosalind – Caste, Conflict and Ideology: Mahatma Jotirao Phule

15. Omvedt, Gail – Cultural Revolt in a Colonial Society Additional Sources
16. IGNOU Study Material on Indian Economic Thought
17. UGC Modules on Indian Knowledge System (IKS)
18. University-level lecture notes on Indian economic thinkers

Electives: Environmental Economics

Environmental Economics

Course Credit: 4

Module 1: Introduction to Environmental Economics (15 Hours)

- Nature and scope of Environmental Economics.
- Economy–Environment Relationship.
- Concepts of Sustainable Development.
- Environmental Values: Use value, Non-Use Value.
- Market Failure and Environment.
- Externalities: Types and Implications.
- Tragedy of Commons.
- Property Rights and Coase Theorem (basic understanding).

Module 2: Environmental Degradation and Economic Growth (15 Hours)

- Population, poverty, and Environmental Degradation.
- Industrialization and Urbanization – Environmental Kuznets Curve (EKC)
- Natural Resource Economics: Renewable and Non-Renewable Resources.
- Resource Depletion and Conservation.
- Climate Change: Economic Causes and Impacts.
- Role of Technology in Environmental Protection.

Module 3: Environmental Policy and Economic Instruments (15 Hours)

- Environmental Policy Objectives.
- Command and Control instruments.
- Market-Based Instruments: Taxes, Subsidies, Tradable Permits.
- Cost–Benefit analysis and Environmental Decision-Making.
- Environmental Impact Assessment (EIA).
- Role of Government, Market, and Institutions in Environmental Management.

Module 4: Environment, Development and Contemporary Issues (15 Hours)

- Environment and Development Debate.
- Sustainable Development Goals (SDGs) and Environment.
- Environmental Laws and Policies in India.
- Role of International Agreements: Kyoto Protocol, Paris Agreement.
- Green Economy and Circular economy.
- Contemporary Environmental Issues: Air and Water Pollution, Waste

Management, Biodiversity Loss.

Reference Books:

1. Tietenberg, T. & Lewis, L. (2021). Environmental and Natural Resource Economics. Routledge.
2. Hanley, N., Shogren, J., & White, B. (2019). Environmental Economics in Theory and Practice. Palgrave Macmillan.
3. Perman, R., Ma, Y., McGilvray, J., & Common, M. (2018). Natural Resource and Environmental Economics. Pearson.

4. Bhattacharya, R. (2020). Environmental Economics: An Indian Perspective. Oxford University Press.
5. Barry Field and Martha k Field: (2017), Environmental Economics, McGraw Hill International Edition.
6. Bennear, Lori Snyder, and Cary Coglianese (2004), Evaluating Environmental Policies, KSG Faculty Research Working Paper Series RWP04-049, USA.
7. Charles Kolstad : Environmental Economics, Oxford University Press, New York, 2000.
8. Hanley Nick, Shogren Jason and White Ben: Introduction to Environmental Economics, Oxford University Press, 2001.
9. Mickwitz, Per. (2003). A Framework for Evaluating Environmental Policy Instruments Context and Key Concepts. Evaluation.
10. Smith Stephen: Environmental Economics: A very Short Introduction, 1st Edition, Oxford University Press, New York, 2011.
11. M. L. Jhingan, C. K. Sharma (2009): Environmental Economics: Theory, Management and Policy, Vrinda Publications.

Reports and Policy Documents 1

. United Nations (2023). Sustainable Development Goals Report.
2. World Bank (2022). World Development Report: Climate Change and Development.
3. Government of India (2021). India’s Nationally Determined Contributions (NDCs).
4. Ministry of Environment, Forest and Climate Change (MoEFCC). India State of Forest Report (latest edition).