

PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR



Name of the Faculty: Humanities

Syllabus: Economics (CBCS)

(For University Campus)

Name of the Course: M. A. Part-II

With effect from June, 2021

M. A. PART – II (SEM III AND IV) ECONOMICS W.E.F. 2021-22

Sem	Code	Title of the Paper	Semester Exam			L	T	P	Credits
			Theory	IA	Total				
Third									
Economics		Hard Core Papers							
HCT	3.1	Macro Economic Analysis	80	20	100	4	0	0	4
HCT	3.2	Mathematical Economics	80	20	100	4	0	0	4
		Soft Core /Elective Paper (Any One)							
SCT	3.1	Research Methods in Economics	80	20	100	4	0	0	4
SCT	3.2	Public Finance	80	20	100	4	0	0	4
		Open Elective (Any One)							
OET	3.1	Human Development	80	20	100	4	0	0	4
OET	3.2	Economics of Transport	80	20	100	4	0	0	4
		Practical/Field Work							
HCP	3.1	Practical Work – EXCEL	80	20	100	0	0	4	4
SCP	3.2	Practical/ Field Work - SPSS	80	20	100	0	0	4	4
	1	Tutorial	00	25	25	0	1	0	1
		Total	420	205	625	16	1	8	25
Fourth									
Economics		Hard Core Papers							
HCT	4.1	International Trade and Finance	80	20	100	4	0	0	4
HCT	4.2	Economics of Growth and Development	80	20	100	4	0	0	4
HCT	4.3	Monetary Economics	80	20	100	4	0	0	4
		Soft Core /Elective Paper (Any One)							
SCT	4.1	Principle and Practices of Co-operation	80	20	100	4	0	0	4
SCT	4.2	Economics of Industry and Labour	80	20	100	4	0	0	4
		Practical/Field Work							
HCP	4.1	Practical Work – Data Analysis	80	20	100	0	0	4	4
SCP	4.2	Dissertation	80	20	100	0	0	4	4
	1	Tutorial	00	25	25	0	1	0	1
		Total	420	205	625	16	1	8	25

L = Lecture, T = Tutorials, P = Practical/ Field

Work 4 Credits of Theory = 4 Hours of Teaching Per

Week

- Total Marks of the Course : 2500 Marks
- Distribution of Marks
 - Theory Examination(Each Paper) : 80 Marks
 - Internal Examination(Each Paper) : 20 Marks
 - (Theory Examination will be of 80 marks of 2.30 hours)
- Distribution of Internal Marks: : 20 Marks
 1. Written Test 1 : 10 Marks
 2. Written Test 2 : 10 Marks
 3. Seminar/Presentation : 10 Marks
- Standard of Passing: : 40 % Marks
 - Theory Examination : 32 out of 80 Marks
 - Internal Examination : 08 out of 20 Marks
- Workload:
 - Teaching/Practical Workload : 04 Hours Per Paper/ Practical/Field Work

NATURE OF QUESTION PAPER AND SCHEME OF MARKING
M.A. (ECONOMICS) SEMESTER-I/II/III/IV

EXAMINATION, Total Marks: 80

Duration: 2 Hours 30 Minutes

Instructions: 1) All questions are compulsory. 2) All questions carry equal marks.

Q. No. 1: Multiple Choice Questions (2 Marks Each)

16 Marks

- (1)
- (2)
- (3)
- (4)
- (5)
- (6)
- (7)

Q. No. 2: Short Notes (Any Four out of Five)

16 Marks

- (1)
- (2)
- (3)
- (4)
- (5)

Q. No. 3: Short Answer Type Questions (Any Two out of Three)

16 Marks

- (1)
- (2)
- (3)

Q. No. 4: Descriptive Type Questions with internal choice

16 Marks

(A)

Or

(B)

.....

.....

Q. No. 5: Descriptive Type Question.

16 Marks

Hard Core Paper**Paper No. 1****MACRO ECONOMIC ANALYSIS (HCT 3.1)****Preamble**

Macroeconomics or aggregative economics analyses and establishes the functional relationship between the large aggregates. The aggregate analysis has assumed such a great significance in recent times that a prior understanding of macroeconomic theoretical structure is considered essential for the proper comprehension of the different issues and policies. Macroeconomics now is not only a scientific method of analysis; but also a body of empirical economic knowledge. The paper entitled "Macro Economic Analysis" equips the students at the postgraduate level to understand systemic facts and latest theoretical developments for empirical analysis.

Unit-1: National Income and Accounts: (15 Periods)

- (A) Circular Flow of Income in two – three and four sector economy;
- (B) Different forms of national income accounting – social accounting, input-output accounting,
- (C) Flow of funds accounting and balance of payments accounting.

Unit-2: Neo-classical, Keynesian synthesis and New Classical Macro economics (15 Periods)

- (A) Neo-classical and Keynesian views on interest; The IS-LM model;
- (B) Extension of IS-LM model with government sector; Relative effectiveness of monetary and fiscal policies;.
- (C) Extension of IS-LM models with labour market and flexible prices

Unit-3: Post-Keynesian Demand for Money: (15 Periods)

- (A) Post-Keynesian approaches to demand for money – Patinkin and the Real Balance Effect,
- (B) Approaches to Baumol and Tobin;;
- (C) Friedman and the modern quantity theory

Unit-4: Theory of Inflation and Business Cycles: (15 Periods)

- (A) Classical, Keynesian and Monetarist approaches to inflation; Structuralist theory of inflation; Philips curve analysis – Short run and long run Phillips curve;
- (B) Adaptive expectations and rational expectations; Policies to control inflation;
- (C) Theories of Samuelson and Hicks, Goodwin's model; Control of business cycles

BASIC READING LIST

- 1) Ackley, G. (1978), *Macroeconomics: Theory and Policy*, Macmillan, New York.
- 2) Blackhouse, R. and A. Salansi (Eds.) (2000), *Macroeconomics and the Real World* (2 Vols.), Oxford University Press, London.
- 3) Branson, W. a. (1989), *Macroeconomic Theory and Policy*, (3rd Edition), Harper and Row, New Y
- 4) Dornbusch, R. and F. Stanley (1997), *Macroeconomics*, McGraw Hill, Inc., New York.
- 5) Hall, R. E. and J. B. Taylor (1986), *Macroeconomics*, W. W. Norton, New York.
- 6) Heijdra, B. J. and V. Frederick (2001), *Foundations of Modern Macroeconomics*, Oxford University Press, New Delhi.
- 7) Jha, R. (1991), *contemporary Macroeconomic Theory and Policy*, Wiley Eastern Ltd., New Delhi.
- 8) Romer, D. L. (1996), *Advanced Macroeconomics*, McGraw Hill Company Ltd., New York.
- 9) Scarfe, B. L. (1977), *Cycles, Growth and Inflation*, McGraw Hill, New York.
- 10) Shapiro, E. (1996), *Macroeconomic Analysis*, Galgotia Publications, New Delhi.
- 11) Edey, M. and A. T. Peacock (1967), *National Income and Social Accounts*, Hutchinson University Library, London.
- 12) Powelson, J. P. (1960), *National Income And Flow of Funds Analysis*, McGraw Hill, New York.
- 13) Rao, V. K. R. V. (1983), *India's National Income: 1950 to 1980*, Sage Publications, New Delhi.
- 14) Ruggles, R. and N. Ruggles (1956), *National Income Accounts and Income Analysis*, McGraw Hill, New York.
- 15) United Nations (1974), *Year Book of National Account Statistics*.
- 16) Duesenberry, J. S. (1949), *Income, Saving and the Theory of consumer Behaviour*, Harvard University Press, Harvard.
- 17) Keynes, J. M. (1936), *The General Theory of Employment, Interest and Money*, Mcmillan, London.
- 18) Mueller, M. G. (1966), *Readings in Macroeconomics*, Holt Rinehart and Winston, New York.
- 19) Gordon, R. and S. G. Harris (1998), *Macroeconomics*, Addison Wesley.
- 20) Culbertson, J. M. (1968), *Macroeconomic Theory and Stabilization Policy*, McGraw Hill, Kogenkosh, Tokyo.
- 21) Levacic, R. and A. Rebman (1986), *Macroeconomics: An Introduction to Keynesian and Neo-classical Controversies*, Macmillan, London.
- 22) Mankiw, N. G. and D. Romer (Eds.) (1991), *New Keynesian Economics*, (2 Vols.), MIT Press, Cambridge.
- 23) Rakshit, M. (1998), *Studies in the Macroeconomics of Developing Countries*, Oxford University Press, New Delhi.
- 24) Jha, R. (1999), *Contemporary Macroeconomic Theory and Policy*, New Age International (P) Ltd., New Delhi.
- 25) Patinkin, D. (1965), *Money, Interest and Prices*, Harper and Row, New York.
- 26) Gordon, R. and S. G. Harris (1998), *Macroeconomics*, Addison Wesley, Massachusetts.
- 27) Mankiw, N. G. and D. Romer (Eds.) (1991), *New Keynesian Economics*, (2 Vols.) MIT Press, Cambridge.
- 28) Frisch, H. (1983), *Theories of Inflation*, Cambridge University Press, Cambridge.
- 29) Hagger, A. J. (1977), *Inflation: Theory and Policy*, Macmillan, London.
- 30) Hudson, J. (1982), *Inflation: A Theoretical Survey and Synthesis*, George Allen and Unwin, London.
- 31) Sheffrin, S. M. (1996), *Rational Expectations*, Cambridge University Press, Cambridge.

Hard Core Papers

Paper No. 2

MATHEMATICAL ECONOMICS (HCT 3.2)

Unit 1: Theory of Consumer Behaviour: (10 Periods)

- (A) Demand function, ordinal utility maximization, Slutsky equation, income substitution and price effects.
- (B) Concept of elasticity and its applications.
- (C) Additive utility function, indirect utility function, consumer's surplus, linear expenditure system.

Unit 2: Theory of Production: (10 Periods)

- (A) Homogenous and Non-Homogenous production function,
- (B) Short and long run production function,
- (C) Cobb-Douglas production function and its properties.

Unit 3: Price and Output Determination: (10 Periods)

- (A) Perfect Competition, Monopoly,
- (B) Monopolistic, Monopsony,
- (C) Oligopoly, Duopoly,
- (D) General Equilibrium System of Walrasian Equilibrium Conditions.

Unit 4: Theory of Income Determinations: (10 Periods)

- (A) Consumption function,
- (B) static and dynamic multiplier,
- (C) determination of investments, accelerator principle.

Unit 5: Game Theory and Linear Programming: (10 Periods)

- (A) Two persons zero sum game, pay-off matrix,
- (B) Maximum and minimax strategies
- (C) Linear programming, Graphical and Simplex Method, Applications in Economics

Unit 6: Matrix: (10 Periods)

- (A) Meaning of Matrix
- (B) Types of Matrix
- (C) Algebra of Matrices
- (D) Determinants of Matrix

BASIC READING LIST

- 1) Abel, A.B.S., Bernanke and B. Menabb (1998), Macroeconomics, Addison Wesley, Massachusetts.
- 2) Allen, R.G.D. (1974), Mathematical Analysis for Economics, McMillian Press and ELBS, London.
- 3) Barro, R.J. and H. Grossman (1976), Money, Employment and Inflation, OxfordUniversity Press, Oxford.
- 4) Chiang, A. C. (1986), Fundamental Methods of Mathematical Economics, McGraw Hill, New York.
- 5) Chung, J. W. (1993), Utility and Production: Theory and Applications, Basil Blackwell, London.
- 6) Ferguson, C. E. (1976), Neo-classical Theory of Production and Distribution.
- 7) Hadley, G. (1962), Linear Programming, Addison Wesley Publishing Co., Massachusetts.
- 8) Hiller, F.S. and G. J. Lieberman (1985), Operations Research, C.B.S., New Delhi.
- 9) Jha, R. (1991), Contemporary Macroeconomic Theory and Policy, Wiley Eastern Ltd., New Delhi.
- 10) Jones, H.G. (1976), An Introduction to the Modern Theory of Economic Growth, McGraw Hill, Kogakusha Tokyo.
- 11) Kothari, C. R. (1992), An Introduction to Operations Research, Vikas Publishing House, New Delhi.
- 12) Kuhn Harold W. (ed) (1997), Classics in Game Theory, Princeton, University Press, Princeton.
- 13) Mankiw, N.G. and D. Romer (Eds.) (1991), New Keynesian Economics (2 Vols), MIT Press, Cambridge, Mass.
- 14) Mustafi, C. K. (1992), Operations Research : Methods and Practice, Wiley Eastern, New Delhi.
- 15) Nash, I.E. (1996), Essays on Game Theory, Cheltenham, U.K.

Soft Core/ Elective Paper

Paper No. 1

RESEARCH METHODS IN ECONOMICS (SCT 3.1)

Objectives of the Course:

- (i) To introduce the students to the logic of social research and the associated processes; and
- (ii) To build capacity to carry out research independently.

Unit 1: Introduction and Context: (12 Periods)

What is Social Research? Definition, Meaning and its History; Importance of Social Research: Knowledge Economy and Knowledge Society; Research as an Empowering Profession.

Unit 2: Research Process and Design: (12 Periods)

Formulating Research Topic; Use of Concepts, Variables, and Hypotheses; Setting Research Objectives / Questions, Reviewing Relevant Literature. Research Design: Meaning and Types of Research Designs; Descriptive, Analytical, Explorative, Basic and Applied Research Designs;

Unit 3: Techniques of Sampling: (12 Periods)

Meaning and Types of Sampling; Random, Stratified, Quota, Systematic, Cluster and Judgment Sampling Procedures.

Unit 4: Collection of Data: (12 Periods)

Collection of Primary Data: Questionnaires, Interview Schedules, Observation Method, Case Studies, Content Analysis and Survey Methods. Collection of Secondary Data: Historical Documents, Archival Material, Published Sources, Journals, Internet Sources, Census, NSS and Statistical Reports.

Unit 5: Research Writing: (12 Periods)

Writing Research Proposal and Research Report, One Case Study of a Research Proposal.

References:

1. Baily K.D, 1982, Methods of Social Research Free press, New York.
2. Bajpai S.R. 1969. Social Survey and Research. Kanpur: KitabGhar.
3. Barnes, John A, 1979, Who Should Know What ? Social Science, Privacy and Ethics, Harmondsworth, Penguin.
4. Bleicher M. 1988. The Hermeneutic Imagination, London. Routledge and Kegan Paul (Introduction only)
5. Bose. Pradip Kumar, 1995: Research Methodology, New Delhi, ICSSR.
6. Bryman, Alan, 1988, Quality and Quantity in Social Research, London: Unwin Hyman.
7. Feyerabend, Paul, 1975, Against Method: Outline of an Anarchistic Theory of Knowledge, London, Humanities Press.
8. Goode, J. and Hatt P.J., Methods in Social Research, New York McGraw Hill.
9. Hughes, Jon, 1987, The Philosophy of Social Research, London, Longman. Indian Journal of Social Work 1985, Special issue of Research Methodology Irvine. J.I. Miles and J. Evans (eds) 1979. Demystifying Social Statistics. London, Pluto Press.
10. Mukherjee, P.N. (eds), 2000, Methodology in Social Research. Dilemmas and perspectives, New Delhi, Sage (Introduction).
11. Popper K., 1999, The Logic of Scientific Discovery, London, Routledge.
12. Puch, Keith, 1986, The Introduction to Social Research, London, Sage.
13. Srinivas, M.N. And A.M Shah 1979, Field Worker and the Field, New Delhi. Oxford.
14. Young Papuline V. 1946. Scientific, Social Survey and Research. New York. Prentice Hall.

Soft Core/ Elective Paper

Paper No. 2

PUBLIC FINANCE (SCT 3.2)

Preamble

Role and functions of the Government in an economy have been changing with the passage of time. The term 'Public Finance' has traditionally been applied to the package of those policies and operations which involve the use of tax and expenditure measures while budgetary policy is an important part to understand the basic problems of use of resources, distribution of income, etc. There are vast array of fiscal institutions – tax systems, expenditure programmes, budgetary procedures, stabilization instruments, debt issues, levels of government, etc., which raise a spectrum of issues arising from the operation of these institutions. Further, the existence of externalities, concern for adjustment in the distribution of income and wealth, etc. require political processes for their solution in a manner, which combines individual freedom and justice. This paper combines a thorough understanding of fiscal institutions with a careful analysis of the issues which underline budgetary policies.

Unit-1: Role of Government:

(15 Periods)

- (A) Role of Government in a mixed economy; Government as an agent for economic planning and development;
- (B) Private goods, public goods, and merit goods;
- (C) Market failure

Unit-2: Public Choice and Public Policy

(15 Periods)

- (A) Private and public mechanism for allocating resources; Problems for allocating resources;
- (B) Problems of preference revelation and aggregation of preferences; Voting systems; Arrow impossibility theorem; An economic theory of democracy;
- (C) Voluntary exchange models; Impossibility of decentralized provision of public goods, theory of club goods.

Unit-3: Public Expenditure:

(15 Periods)

- (A) Wagner's law of increasing state activities; Wiseman-Peacock hypothesis;
- (B) Criteria for public investment; social cost-benefit analysis
- (C) Programme budgeting and zero base budgeting.

Unit-4: Taxation and Public Debt

(15 Periods)

- (A) Theory of incidence; Alternative concepts of incidence;
- (B) Benefit and ability to pay approaches; Theory of optimal taxation; Excess burden of taxes; the problem of double taxation, Laffer Curve.
- (C) Federal Finance- federalism under constitution, Finance Commission, Tax sharing,

BASIC READING LIST

- 1) Atkinson, A. B. and J. E. Stiglitz (1980), Lectures on Public Economics, Tata McGrawHill, New York.
- 3) Buchanan, J. M. (1970), The Public Finances, Richard D. Irwin, Homewood.
- 4) Goode, R. (1986), Government Finance in Developing Countries, Tata McGraw Hill, New Delhi.
- 5) Houghton, J. M. (1970), The Public Finance: Selected Readings, Penguin, Harmondsworth.
- 6) Jha, R. (1998), Modern Public Economics, Routledge, London.
- 7) Menutt, P. (1996), The Economics of Public Choice, Edward Elgar, U. K.
- 8) Musgrave, R. A. (1959), The Theory of Public Finance, McGraw Hill, Kogakusha, Tokyo.
- 9) Musgrave, R. A. and P. B. Musgrave (1976), Public Finance in Theory and Practice, McGraw Hill, Kogakusha, Tokyo.
- 10) Shoup, C. S. (1970), Public Finance, Aldine, Chicago.
- 11) Shome, P. (Ed.) (1970), Tax Policy: Handbook, Tax Division, Fiscal Affairs Department, International Monetary Fund, Washington D. C.
- 12) Cornes, R. and T. Sandler (1986), The Theory of Externalities, Public Goods and Club Goods, Cambridge University Press, Cambridge.
- 13) Duff, L. (1997), Government and Market, Orient Longman, New Delhi.
- 14) Herber, B. P. (1967), Modern Public Finance, Richard D. Irwin, Homewood.
- 15) Spulber, N. (1998), Redefining the State, Cambridge University Press, Cambridge.
- 16) Buchanan, J. M. (1968), The Demand and Supply of Public Goods, Rand McNally, Chicago.
- 17) Mueller, D. C. (1979), Public Choice, Cambridge.
- 18) Spulber, N. (1998), Redefining the State, Cambridge University Press, Cambridge.
- 19) Stiglitz, J. E. (1986), Economics of Public Sector, Norton, New York.
- 20) Dorfman, R. (Ed.) (1970), Measuring the Benefits of Government Investment, Brookings Institution, Washington.
- 21) Friedman, A. (1986), Welfare Economics and Social Choice Theory, Martins Nijhoff, Boston.
- 22) Glennester, H. and J. Hills (1998), The State of Welfare: The economic and Social Spending Oxford University Press, London.
- 24) Peacock, A. and D. J. Robertson (Eds.) (1963), Public Expenditure: Appraisal and Control, Oliver and Boyd, Edinburgh.
- 25) Phyr, P. (1970), Zero Base Budgeting: A Practical Management Tool for Evaluating Expenses, John Wiley, New York.
- 26) Premchand, A. (1966), Control of Public Expenditure in India, Allied Publishers, New Delhi.
- 27) Sahni, B. S. (Ed.) (1972), Public Expenditure Analysis : Selected Readings, Rotherdam University Press.
- 28) Bird, R. and O. Oldman (1967), Readings on Taxation in Developing Countries, the John Hopkins University Press, Baltimore.
- 29) Cutt, J. (1969), Taxation and Economic Development in India, Frederick A Praegar Publishers, New York.
- 30) Kaldor, N. (1955), An Expenditure Tax, George Allen and Unwin, London.
- 32) Barman, K. (1986), Public Debt Management in India, Uppal Publishing House, New Delhi.
- 33) Buchanan, J. M. (1958), Principles of Public Debt, A Defence and Restatement, Richard D. Irwin, Homewood.
- 34) Ferguson, J. M. (Ed.) (1964), Public Debt and Future Generations, North Carolina University Press, Chapel Hill.

Open Elective Paper

Paper No. 1

HUMAN DEVELOPMENT (OET 3.1)

Preamble:

In most of the corporate bodies, the training and extension activities are integral part of the business enterprises. Most of the post-graduate students find an employment opportunity in such corporate bodies. With this intension our students should learn the bases of the HRD.

Unit-1.Human Capital:

(15 Periods)

- (A) Human capital – innate and acquired, Human capital formation – social, economic and political determinants
- (B) Distinction between Human Resource Development (HRD) and Human Development (HD)

Unit-2.Human Development and Capability Approach:

(15 Periods)

- (A) Capabilities and freedoms, Criteria for selecting capabilities
- (B) Introduction to other attempts, Critique of the Capability Approach

Unit-3.Comparing the Approaches and Components of Human Security

(15 Periods)

- (A) Commodity-based system and utility approach, Quality of Life,
- (B) Economic security, Food security, Health security
- (C) Environmental security, Personal security, Community security
Political security

Unit-4: Measurement of Human Development:

(15 Periods)

- (A) Need for indices –Earlier indices – Physical Quality of Life Index (PQLI), Disability Adjusted Life Years (DALYs),
- (B) Emergence of Human Development Index
 - (i) Method of computing HDI
 - (ii) Critique of HDI
- (C) Other indices :
 - (i) Human Poverty Index (HPI I / HPI II)
 - (ii) Gender-related Development Index (GDI)
 - (iii) Gender Empowerment Measure (GEM)

BASIC READING LIST:

- 1) Aghion, P., E. Caroli, and C. Garcia-Penalosa, 1999, 'Inequality and Economic Growth: The Perspective of the New Growth Theories', *Journal of Economic Literature*, 37 (3).
- 2) Ahmad, E., J., Dreze, J. Hills and A. Sen (eds.), 1991, *Social Security in Developing Countries*, Clarendon Press for Wider, Oxford.
- 3) Ahn, T. K., Ostrom, E., (eds.), 2003, *Foundations of Social Capital*, Edward Elgar Publishing Ltd., Cheltenham, U. K.
- 4) Aksah, M. M., 2000, 'Rights Based Approach to Development and Right to Land', Background Paper for HDR, 2000, UNDP, New York.
- 5) Alderman, Harold, 2002, *Gender Dimensions of Safety Nets*, The World Bank, Washington D.C., <http://w.w.w.worldbank.org/wbi/socialsafetynets/courses/dc2002/index.html>.
- 6) Alesina, Alberto, and Roberto Perotti, 1994, 'The Political Economy of Growth: A Critical Survey of the Recent Literature', *World Bank Economic Review*, 9 (3).
- 7) Anand S. and S.M.R., Kanbur, 1993, 'Inequality and Development: A Critique' *Journal of Development Economics*, 41 (1).
- 8) Bardhan, Pranab, 1993, 'Symposium on Democracy and development', *Journal of Economic Perspectives* 7(9).
- 9) Chenery, H. and M. Ahluwalia, 1974, *Redistribution with Growth*, Oxford University Press, London.
- 10) Chenery, H. and T. N. Srinivasan (eds.), 1988-1989, *The Handbook of Development Economics*.
- 11) Dasgupta, Partha and Martin Weale, 1992, 'On Measuring the Quality of Life', *World Development* 20(1).
- 12) Dasgupta Sukti, 2002, *Organizing for Socio-Economic Security in India*, International Labour Organisation, Geneva.
- 13) Evans, P., 1996, 'Government Action, Social Capital and Development: Reviewing the Evidence on Synergy', *World Development*, 24(6).
- 14) Field, J., 2004, *Social Capital*, Routledge, London and New York.
- 15) Fukuyama Francis, 1995, 'Social Capital and the Global Economy', *Foreign Affairs* 74(5).
- 16) Hooghe, M., D. Stolle (eds.), 2003, *Generating Social Capital: Civil Society and Institutions in Comparative Perspective*, Palgrave, New York.
- 17) Huntington, Samuel, 1987, 'The Goals of Development', in Myron Weiner and Samuel P. Huntington, (eds.), *Understanding Political Development*, Little Brown and Co., Boston.
- 18) Kakwani, N., 1993, 'Performance in Living Standards: An International Comparison', *Journal of Development Economics*, 41(2).
- 19) Larrain, J., 1989, *Theories of Development: Capitalism, Colonialism and Dependency*, Polity Press, Cambridge.
- 20) Lewin, W. Arthur, 1955, *The Theory of Economic Growth*, Irwin, Homewood, IL.
- 21) Nussbaum Martha and Amartya Sen (eds.), 1991, *The Quality of Life*, Oxford University Press, Oxford.
- 22) Ranis, Gustav, Frances Stewart and Alejandro Ramirez, 2000, 'Economic Growth and Human Development', in Sakiko Fukuda-Parr and A. K. Shiva Kumar (eds.), *Readings in Human Development: Concepts, Measures and Policies for a Development Paradigm*, Oxford University Press, New Delhi.
- 23) Ray, Debraj, 1998, *Development Economics*, Princeton University Press, Princeton.
- 24) Sen, Amartya, 1988, 'Capability and Well-being, WIDER Conference paper.
- 25) Sen, Amartya, 1988, 'Freedom of Choice: Concept and Content', *European Economic Review*, 32
- 26) Streeten, Paul, Shahid Javed Burki, Mahbubul-Haq, Norman Hicks, and Frances Stewart, 1981, *First Things First: Meeting Basic Human Needs in Developing Countries*, Oxford University Press, New York.
- 27) Streeten, Paul, 2003, 'Shifting Fashions in Development Dialogue', in Sakiko Fukuda-Parr and A. K. Shiva, Kumar (eds.), *Readings in Human Development*:

Open Elective Paper
Paper No. 2
ECONOMICS OF TRANSPORT(OET 3.2)

Preamble

Transport and communication is known as the backbone of modern industrial infrastructure. The efficiency, spread and its access to productive agents of such facilities determines the competitiveness of the industrial sector. The transport modes like road, water, air and rail and their development have played an immense role in the economic development. Every mode of transport has its merits and limits which calls for coordinate development of these modes in future.

Unit1: Introduction of Transport **(12 Periods)**

- (A) Meaning of transport–
- (B) Classification of transportation–
- (C) Functions of transport–

Unit 2: Road Transport: **(12 Periods)**

- (A) Road Transport: Nature and significance –
- (B) Private and public transport system-
- (C) Road development in India –
- (D) Rural and Urban Transport -
- (E) MSRTC

Unit 3: Indian Railway: **(12 Periods)**

- (A) Growth of Indian Railway during Post Independence period -
- (B) Theories of Railway Rates and Fares –
- (C) Classification of goods –
- (D) Railway Budgets (Recent two)-

Unit 4: Water Transport : **(12 Periods)**

- (A) Water Transport: Scope and significance –
- (B) Growth of water transport in India –
- (C) Inland and ocean transport -
- (D) Problems of water transport

Unit 5: Air Transport: **(12 Periods)**

- (A) Nature and Significance of Air Transport–
- (B) Air Transport: Elements of Air Transport –
- (C) Civil Aviation in India:

BASIC READING LIST

1. Aboncher Allan (1976), Transportation Economics and Public Policy with Urban Extension, Wiley Inter Science Publishing, New York.
2. Denis Munby (Ed.), Transport – Selected Reading s- Penguin Books.
3. Innon and Toreifel (Ed.) (1967), Developments in Transport Theory, Academic Press, London.
4. Johnson, Economics of Indian Rail Transport.
5. Kosler, H. M., The Economics and Control of Road Rail Competition.
6. Locklin, D. P.: Economics of Transport
7. Nanjundappa, D. H. (1973), Transport Planning and Finance, KarnatakaUniversity.
8. Nawab, K. W. (1967), Economic Development of Indian Air Transport, National Publishing House.
9. Pegrum, D. F. (1968), Transportation Economics and Public Policy, Irwin Series in Economics.
10. Prest, A. R., Transportation Economics in Developing Countries
11. R. N. Kshirsagar, Vahatuk: SiddhanthVaVikas, Maharashtra VidyapeethGranthNirmitiMandal, Nagpur.
12. S. K. Choudhary (1967) Lectures on Transport, Lyall Book Depot.
13. Savage, C. I.(1970), An Economic History of Transport, HutchinsonUniversity Library.
14. Shankar KeshavModak, AAdhunikParivahanacheAArthshastra, Maharashtra Vidyapeeth Granth Nirmiti Mandal, Nagpur.
15. Sharp, C. H. (1973), Transport Economics, Macmillan.
16. Shrivastan, S. K., Economics of Transport
17. Tripathy, P. C. (1972), Rural Transport and Economic Development, S. Chand& Sons.

Practical/ Field Work

Paper No: 1 (HCP 3.1)

Total Marks: 100

(Practical Work Report = 70 Marks and

Written and Oral Examination: 30 Marks)

Teaching/Practical Workload: 4 Hours Per Week

(Practical work Based on Secondary Source of Data by using MS Excel Software)

The Student shall produce the report for assessment on following information by using **MS Excel Software** before the University Theory examination.

Unit 1: Application of MS Excel Software: (15 Periods)

The Student shall apply statistical techniques for Economic Parameters by using following data base with the help of **MS Excel Software**. In the Ms Excel Software, student shall use the Excel Functions, Excel Sheets, Excel Charts and Data Transfer from Excel.

Unit 2: Data Base – I: (15 Periods)

The Student shall use any 2/3 sources of following secondary data base for report.

1. Economic Survey of India,
2. Economics Survey of Maharashtra,
3. National Sample Survey Organisation (NSSO)

Unit 3: Data Base – II: (15 Periods)

The Student shall use any 2/3 sources of following secondary data base for the report.

1. Population Census,
2. District Statistical Report,
3. Various Report of Institutions, Banks, Industry, etc.

Unit 4: Application of Statistical Techniques: (15 Periods)

The Student shall apply following statistical techniques for Economic Parameters of **Indian Economy** such as Agricultural Sector, Industrial Sector, and Service Sector etc. by using secondary data base from above mentioned data sources for the report with the help of MS Excel Software. Descriptive Statistics, Correlation Analysis, Regression Analysis, Growth Rates, Index Numbers, Time Series Data and Graphical Presentation for different type of data.

Practical/ Field Work**Paper No: 2 (SCP 3.2)****Total Marks: 100**

(Practical Work Report = 70 Marks and

Written and Oral Examination: 30 Marks)

Teaching/Practical Workload: 4 Hours Per Week

SPSS Base Practicals**(for Primary and Secondary Data)****Unit 1: Data Entry in SPSS (15 Periods)**

1. Define Variable
2. Sort Variable and Cases
3. Validation of data
4. Transpose data

Unit 2: Coding, Recoding and Compute Variables (15 Periods)

1. Coding the variables
2. Recoding the variables
3. Codebook Report
4. Compute Variable

Unit 3: Descriptive Statistics, Frequency and Crosstabs (15 Periods)

1. Descriptive Statistics
2. Frequency Distribution
3. Crosstabulation
4. Graphical Presentation

Unit 4: Correlation, Regression and Output Files (15 Periods)

1. Linear Correlation
2. Linear Regression
3. Time Series Data
4. Output files
5. Sentex

Hard Core Paper**Paper No: 1****INTERNATIONAL TRADE AND FINANCE (HCT 4.1)****Preamble**

The course provides an understanding of international trade and investment theories. It is designed to better understand the implications of such theories as they relate to international trade management. It helps students deal with the opportunities and challenges created by the global environment.

Unit-1. International Trade and Theory : (15 Periods)

- (A) Trade as an engine of growth, Measurement of gains from trade,
- (B) Free Trade Theory, Absolute advantage, comparative advantage & opportunity cost, Modern theories of international trade
- (C) H-O Theory, Kravis & Linder theory of trade.

Unit-2. Tariff ,Quotas and Balance of Payment: (15 Periods)

- (A) Tariff, Quotas & non-tariff barriers: Definitions & types, Economic effects of Tariff & Quotas on national income, output & employment,
- (B) Political economy of non, tariff barriers and their implication.
- (C) Balance of Payments and Balance of Trade: Meaning & components, BOP Adjustment: Monetary approach, Exchange Rate: meaning & components

Unit-3.Theories of Exchange Rate Determination : (15 Periods)

- (A) Theories of Determination of Exchange rate (PPP, Monetary), Theories of Determination of Exchange rate
- (B) Process of adjustments : Gold standard, Fixed Exchange Rates
- (C) Flexible Exchange Rates, Merits & demerits of Fixed & Flexible exchange rate.

Unit-4. International Organizations: (15 Periods)

- (A) SAARC/SAPTA, ASEAN, Regionalism: EU & NAFTA,
- (B) Multilateralism & WTO, International Monetary System, East Asian crisis
- (C) FDI : types & issues, International Debt crisis, Functions of WTO/GATT, UNCTAD, IMF, World Bank & Asian Development Bank

BASIC READING LIST

- 1) Paul R. Krugman & Maurice International Economics: Theory and Policy - Obstfeld Pearson Education Singapore
- 2) Salvatore, D. (2006). International Economics. London, United Kingdom: MacMillan Press Ltd.
- 3) Finance and International Trade, Institute of Export, 2nd Edition 2001
- 4) Carbugh, R , J. (2019). International Economics. Noida, Uttar Pradesh: CengageLearning.
- 5) Principles of International Trade and Payments, Briggs .P, Blackwells 1st Edition 1994
- 6) Chacholiadas, M. (1980). International Trade: Theory and Policy. New York City, United States: McGraw Hill Inc.
- 7) Copeland, L. (2008). Exchange rates and International Finance.
- 8) Finance of International Trade, Watson A.J.W, Bankers Books 5th Edition 1997
- 9) Dutt, R., & Sundaram. (2016). Indian Economy. Ghaziabad, New Delhi: S Chand & Co.
- 10) International Business, Bennett R (1999), 2nd Edition, Financial Times, Prentice Hall
- 11) Dictionary of International Business Terms, Capela J, Barron's Business Dictionaries
- 12) Apte P.G., International Financial Management, Tata McGraw Hill, 2008. 2. Jeff Madura, International Corporate Finance, Cengage Learning, 8th Edition, 2008.
- 13) Alan C. Shapiro, Multinational Financial Management, PHI Learning, 4th Edition, 2008
- 14) Finance of Foreign Trade and Foreign Exchange: G.S. LALL
- 15) International Finance Theory and Practice: V.A.AVADHANI
- 16) Foreign Trade Finance: JEEVANANDAM
- 17) V.K. Bhalla, - S. Chand & Company Pvt. Ltd. New Delhi. International Business
- 18) K. Aswathappa, International Business, Tata McGraw Hill Publishing Company Limited.New Delhi
- 19) Charles W. L. Hill, Chow How Wee & Krishna Udayasankar, International Business: An Asian Perspective- Mc Graw Hill, New York.
- 20) Soderston, B., & Reed, G. (1994). International Economics. London, United Kingdom: MacMillan Press Ltd.

Hard Core Papers**Paper No: 2****ECONOMICS OF GROWTH AND DEVELOPMENT(HCT 4.2)****Preamble**

This paper deals with the theories of growth and development, social and institutional aspects of development, importance of agriculture, and the rationale and pattern of industrialization in developing countries. The other important issues in the context of development such as infrastructure- linkages, role of international trade, importance of domestic macroeconomic policies, investment criteria, and relevance of planning have been included in the paper.)

Unit-1. Economic Growth: (15 Periods)

- (D) Economic growth and development , Factors affecting economic growth
- (E) Growth Model- Harrod and Domar model, Neo-classical growth models – Solow Capital controversy, optimal savings and Ramsay's rule; golden rule of accumulation,
- (F) Technological progress – embodied and disembodied technical progress;

Unit-2. Theories of Development: (15 Periods)

- (D) Classical theory of development – contributions of Ricardo, Karl Marx – theory of social change, surplus value and profit.
- (E) Balanced growth, unbalanced growth, critical minimum effort thesis, low-income equilibrium trap;
- (F) Vicious circle of poverty, circular causation,

Unit-3.Social and Sectoral Aspects of Development: (15 Periods)

- (D) Choice of techniques and appropriate technology and employment;
- (E) Terms of trade between agriculture and industry; Measuring development and development gap – Kuznet curve -
- (F) Human development index and other indices of development and quality of life
- (G) Theory of demographic transition

Unit-4. Macroeconomic Policies and Development: (15 Periods)

- (D) Role of monetary and fiscal policies in developing countries –
- (E) Role of fiscal policies in developing countries
- (F) Inclusive Growth Washington, Consensus, Decentralization.

BASIC READINGS

- 1) Adelman, I. (1961), Theories of Economic Growth and Development, Stanford University Press, Stanford.
- 2) Behrman, S. and T. N. Srinivasan (1995), Handbook of Development Economics, Vol. 3, Elsevier, Amsterdam.
- 3) Brown, M. (1966), On the Theory and Measurement of Technical Change, Cambridge University Press, Cambridge, Mass.
- 4) Chenery, H. B. et. Al. (Eds.) (1974), Redistribution with Growth, Oxford University Press, Oxford.
- 5) Chenery, H. and t. N. Srinivasan (Eds.) (1989), Handbook of Development Economics, vols. 1 & 2, Elsevier, Amsterdam.
- 6) Dasgupta, P. (1993), An Enquiry into Well-being and Destitution, Clarendon Press, Oxford.
- 7) Ghatak, S. (1986), An Introduction to Development Economics, Allen and Unwin, London.
- 8) Gillis, M., D. H. Perkins, M. Romer and D. r. Snodgrass (1992), Economics of Development, (3rd Edition), W. w. Norton, New York.
- 9) Gimmell, N. (1987), Surveys in Development Economics, Blackwell, Oxford.
- 10) Higgins, B. (1959), Economic Development, W. w. Norton, New York.
- 11) Hogendorn, J. (1996), Economic Development, Addison, Wesley, New York.
- 12) Kahkonon, S. and M. Olson (2000), A New Institutional Approach to Economic Development, Vistaar.
- 13) Kindleberger, C. P. (1977), Economic Development, (3rd Edition), McGraw Hill, New York.
- 14) Meier, G.M. (1995), Leading Issues in Economic Development, (6th Edition), Oxford University Press, New Delhi.
- 15) Myint, Hla (1965), The Economics of Underdeveloped Countries, Preager, New York.
- 16) Myint, H. (1971), Economic Theory and Underdeveloped Countries, Oxford University Press, New York.
- 17) Todaro, M. P. (1996), (6th Edition), Economic Development, Longman, London.
- 18) Thirwal, A. P. (1999), (6th Edition), Growth and Development, Macmillan, U. K.
- 19) Barrell, R., G. Mason and M. O. Mahoney (2000), Productivity, Innovation and Economic Performance, Cambridge University Press, Cambridge.
- 20) Barrow, R. and X. Sela-I, Martin, Economic Growth, McGraw Hill, New York.
- 21) Chakravarti, S. (1982), Alternative approaches to the Theory of Economic Growth, Oxford University Press, New Delhi.
- 22) Hayami, Y. (1997), Development Economics, Oxford University Press, New York.
- 23) Meadows, D. H. et. al. (1972), The Limits to Growth, Universe Books, New York.'
- 24) Sen, A. K. (Ed.) (1990), Growth Economics, Penguin, Harmondsworth.
- 25) Solow, R. M. (2000), Growth Theory: An Exposition, Oxford University Press, Oxford.
- 26) Taylor, L. (1979), Macro Models for Developing Countries, McGraw Hill, New York.
- 27) Therberge, J. D. et. al. (1968), Economics of Trade and Development, John Wiley, New York.
- 28) Dasgupta, P. (1993), An Enquiry into Well-being and Destitution, Clarendon Press, Oxford.
- 29) Hirsch, A. O. (1958), The Strategy of Economics Development, Yale University Press, New York.

Hard Core Papers

Paper No: 3

MONETARY ECONOMICS (HCT 4.3)

Preamble

This paper analyses the significant role of 'Money' in the economy. It provides essential and thorough knowledge to the economics students relating to the theoretical aspects of money. It covers various approaches towards evolution of money, demand for money, supply of money, and rate of interest, inflation, agencies which creates and supplies money and operates monetary policy. The paper also deals with Keynesian and post-Keynesian economics, which is a most essential part of the monetary economics. Since reforms introduced in financial sector, many new concepts have emerged in this sector. For the students of economics it is essential to understand and analyses these new concepts as well as monetary forces and real forces, their developmental role and limitations in shaping and influencing the monetary and related policies both at the national and international level.

Unit-1. Evolution of Money and Supply of Money (15 Periods)

- (A) Stock & Flow concept of money – Functions of Money – Liquid and illiquid asset – Money and capital. Constituents –
- (B) Behavioural model of money supply determination, demand determined supply of money; Measurement – Base Money and Reserve Money – High power money – Money multiplier –
- (C) Monetary targeting – Inflation targeting – Interest rate targeting – Factors affecting money supply.

Unit-2. Demand for money: (15 Periods)

- (A) Approaches – Cash transaction and cash balance –
- (B) Liquidity preference
- (C) Milton Friedman and Don Patinkin's contribution.

Unit-3. Classical and Keynesian income determination theories and Rate of Interest (15 Periods)

- (A) Consumption function – Multiplier – Acceleration – super multiplier – Investment function.
- (B) Rate of interest and macro economic equilibrium and employment equilibrium – IS-LM Model
- (C) Determinants of rate of interest – Interest rate modeling – Term structure of Interest rates

Unit-4. Monetary and non-monetary theories of inflation and Stabilization Policy
(15 Periods)

- (A) Phases of trade cycle
- (B) Theories of trade cycle: Hawtrey, Hayek, Schumpeter, and Keynes – Anti-cyclical policy. Objectives and limitations –
- (C) Stabilization policy: objectives and limitations.

BASIC READING LIST

- 21) Keynes, J. M., General Theory of Employment, Interest and Money.
- 22) A. E. A., Readings in Monetary Theory
- 23) Halm, G. N., Monetary Economics
- 24) Einzing, P., Monetary Policy: Ends & Means
- 25) Newlyn, W. E., theory of Money
- 26) Chandler, L. V., Economics of Money and Banking.
- 27) Scammel, W. M., International Monetary Policy
- 28) Sen, S. N., central Banking in Underdeveloped Money Markets
- 29) H. Johnson, Essays in Monetary Theory
- 30) Don Patinkin, Money, Interest and Prices
- 31) Shaw, E. S., Money, Income and Monetary Policy
- 32) A. C. L. Day, An Outline of Monetary Economics
- 33) M. Friedman, Essay on Money
- 34) M. L. Sheth, Monetary Economics
- 35) Ghosh, B. N. & Ghosh Rama, Monetary Economics
- 36) Harris, L., Monetary Theory
- 37) J. D. Von Pischke, Finance at the Frontier: Debt, Capacity and Role of Credit in Private Economy
- 38) RBI Reports
- 39) World Bank Reports
- 40) IMF Reports
- 41) Friedman M, Essays on Money
- 42) Bhole, L. M., Financial Institutions and Markets: Structure, Growth and Innovation

Soft Core / Elective Paper**Paper No: 1****PRINCIPLES & PRACTICE OF CO-OPERATION (SCT 4.1)****Unit 1: Introduction :** (12 Periods)

- (A) Meaning of co-operation,
- (B) Role of Cooperation in a dynamic competitive economy
- (C) Evolution of principles and values of cooperation

Unit 2: Development of Co-operative Movement : (12 Periods)

- (A) Review of Development of cooperative movement in the world
- (B) Development of cooperative movement in India
- (C) Development of cooperative movement in Maharashtra

Unit 3: Co-operative Credit Structure in India : (12 Periods)

- (A) Structure of Co-operative credit supply in India
- (B) Progress and problems of Primary Agricultural Credit Co-operative Societies
- (C) Progress and problems of Primary District Central Co-operative Banks
- (D) Progress and problems of State Co-operative Banks
- (E) Progress and problems of Urban Co-operative Banks
- (F) Restructuring of Co-operative Credit – Vaidyanathan Committee Report
- (G) Recommendations of Shivajirao Patil Committee

Unit 4: Non credit Co-operatives Organization, progress & problems of the following non – credit Co-operatives : (12 Periods)

- (A) Processing Co – operatives
- (B) Agriculture Co – operative marketing Societies
- (C) Consumer's Co – operatives
- (D) Housing Co- operatives
- (E) Labour Co – operatives

Unit 5: Co-operation & Planning : (12 Periods)

- (A) Role of Co- operative movement in the planning process.
- (B) Professionalization of Co-operative management.
- (C) Co-operative Governance in Co-operatives
- (D) Challenges of Globalization before Co-operative movement in India

Basic Reading List :

1. Bedi R.D. Theory, History and Practice of Co – operation with reference to co – operation in foreign countries.
2. Matur B.S. Co – operation in India, SahityaBhavan Agra. (Latest edition)
3. Hejela T.N. Principles, Problems & Practice of co operation ShivalalaAgarwal Publication, Agra 1985.
4. NABARD – Statstical Statement Relating to the co operative movement in India Part I & II.
5. R. Salvaraju, Vikas Publication House, New Delhi (2000)
6. Raikhelkar – Dange, Co operation : Principles &Practive, Mehta Publication House, Pune (Marathi).
7. ShahaRoopa – Damji B. H., Cooperation – Principles and Movement, PhadkePrakashan, Kolhapur.(Marathi)
8. Kamat G.S. Co operation : Principles, Practice & Management, Maharashtra University Book Publication,Nagpur (Marathi)
9. Maharashtra Co operative, Maharashtra State co operative Federation – Pune.

Soft Core / Elective Paper**Paper No: 2****ECONOMICS OF LABOUR (SCT 4.2)****Unit 1: Labour Market : (15 Periods)**

- (A) Nature and Characteristics of labour markets in developing economies like India,
- (B) Paradigms of labour market, classical, neo-classical and dualistic,
- (C) Analysis of Demand and Supply forces, Demand for labour relating to size and pattern of investment,
- (D) Choice of technology and government labour policies, orientation, supply of labour in relation to growth of labour force, Labour market Policies.

Unit 2: Wage Determination - I : (15 Periods)

- (A) Theory and Practice : Various Classical, neo-classical and
- (B) Bargaining theories of wage determination,
- (C) Various concepts of wages-fair, living and minimum,
- (D) Problems of implementation of minimum wages.

Unit 3: Wage Determination - II : (15 Periods)

- (A) Wage determination by Sectors, Urban and Rural,
- (B) Organized wage and non-wage components of labour remuneration,
- (C) Wage and Inflation, productivity and Wage relationship,
- (D) Labour productivity and wage relationship.

Unit 4: Industrial Relations and Trade Unions : (15 Periods)

- (A) Growth of Industrialization and emergence of unionism,
- (B) Theories of Labour Movement, Growth, Structure and pattern of trade unionism in India,
- (C) Determinants of Industrial Disputes, Steps to achieve industrial peace, Methods of Settlement of Industrial disputes,
- (D) Collective bargaining, conciliation, arbitration, labour participation in management,
- (E) Labour Welfare Practices in India.

Basic Reading List :

1. Ahluwalia, I.J. (1985), Industrial Growth in India, Oxford University Press, Delhi.
2. Andrews, P. and T. Wilson, Eds. (1951), Oxford Studies in the Price Mechanics, Oxford University Press, London.
3. Bagchi, A. and M. Banerjee, Eds. (1979), Change and Choice in Indian Industry, Bagchi Publications, Calcutta.
4. Bain, Joe (1967), Industrial Organization, 2e, John Wiley, New York.
5. Barthwal, R. (1984), Industrial Economics, 2e, Wiley Eastern Limited, New Delhi.
6. Berte, A. and G. Means (1933), Modern Corporation and Private Property, Macmillan, New York.
7. Bhagwati, J. and P. Desai (1972), India : Planning for industrialization, Oxford University Press, London.
8. Brahmananda, P.R. and V.R. Panchamukhi, Eds. (1987), The Development Process of Indian Economy, Himalaya Publishing House, Bombay.
9. Clarkson, K.W. and R Miller (1985), Industrial Organization : Theory, Evidence and Public Policy, McGraw Hill, Kogakusha, Tokyo.
10. Das, N. (1969), The Public Sector in India, Vora and Company, Bombay.
11. Das, N. (1960), Employment, Full Employment and India, Asia Publishing House, Bombay.
12. Dasgupta, P.S. Marglin and A. Sen (1972), Guidelines for Project Evaluation, UNIDO Publications, New York.
13. Deshpande, L.K. and J.C. Sandesara, Eds. (1970), Wage Policy and Wage Determination in India, Bombay University Press, Bombay.
14. Deshpande; L.K., P.R. Brahmananda and E.A.G. Robinson, Eds. (1983), Employment Policy in a Developing Economy, Vols. I & II, Macmillan, London.
15. Devine, P.J. et. Al. (1978), An Introduction to Industrial Economics, 3e, George Allen and Unwin, London.
16. Dhar, P.N. and H.F. Lydall (1961), The Role of Small Enterprises in Indian Economic Development, Asia Publishing House, Bombay.

Practical/ Field Work

Paper No: 1 (HCP 4.1)

Total Marks: 100

(Report Writing = 70 Marks and
Written and Oral Examination: 30 Marks)
Teaching/Practical Workload: 4 Hours Per Week

**Analysis of Primary/ Secondary Data
(Report Based on Study Tour/ Industrial Visits/ Field Visits)**

Unit 1: Demographic Data (15 Periods)

1. Population at Glance
2. Age and Structure of Population
3. Household data
4. Social Categorywise Analysis

Unit 2: Economic Survey of India (15 Periods)

1. Public Finance
2. Agriculture Sector
3. Industrial Sector
4. Service Sector
5. Infrastructure
6. Human Development

Unit 3: Economic Survey of Maharashtra (15 Periods)

1. Agriculture Sector
2. Industrial Sector
3. Service Sector
4. Infrastructure

Unit 4: Field Visit/ Industrial Visit /Study Tour (15 Periods)

1. Visits to Study Area
2. Industrial Visits
3. Field Visits
4. Visits to Academic Institution

Practical/ Field Work (Dissertation)

Paper No: 2 (SCP 4.2)

Total Marks: 100

(Disserataion = 70 Marks and

Written and Oral Examination: 30 Marks)

Teaching/Practical Workload: 4 Hours Per Week

DISSERTATION

Unit 1: Introduction and Objectives (15 Periods)

1. Select the topic
2. Define the topic
3. Introduction of topic
4. Significance of the Study
5. Write the Objectives

Unit 2: Review and Research Methodology (15 Periods)

1. Literture Review
2. Formulation of Hypothesis
3. Research Design
4. Select a Sample for Study

Unit 3: Data Analysis (15 Periods)

1. Collection the data
2. Process the data
3. Tabulation and Figures
4. Analyze the data
5. Present the results

Unit 4: Editing and Writing (15 Periods)

1. Editing the Data
2. Writing Chapters
3. Biblography
4. Annexure

PUNYASHLOK AHILYADEVI HOLKAR

SOLAPUR UNIVERSITY, SOLAPUR

M.A. Part II – Economics

(For University Campus)

SEMESTER III & IV

Syllabus (CBCS) (w. e. f. June 2021)

Equivalent Subject/Papers for Old Syllabus

(ECONOMICS) SEMESTER III

Sr. No.	Paper No.	Name of the Old Paper	Paper No. (Code)	Name of the New Paper
1	HCT 3.1	Public Economics	HCT 3.1	Macro Economic Analysis
2	HCT 3.2	Macro Economic Analysis	HCT 3.2	Mathematical Economics
3	SCT 3.1	Research Methods in Economics	SCT 3.1	Research Methods in Economics
4	SCT 3.2	Tax and Tax Consultancy	SCT 3.2	Public Finance
5	OET 3.1	Human Development	OET 3.1	Human Development
6	OET 3.2	Economics of Transport	OET 3.2	Economics of Transport
7	HCP 3.1	Practical/Field Work- Excel	HCP 3.1	Practical/ Field Work – Excel
8	SCP 3.2	Practical Work – SPSS	SCP 3.2	Practical Work – SPSS
	1	Tutorial	1	Tutorial

SEMESTER VI

Sr. No.	Paper No.	Name of the Old Paper	Paper No. (Code)	Name of the New Paper
1	HCT 4.1	Monetary Economics	HCT 4.1	International Trade and Finance
2	HCT 4.2	Economics of Growth and Development	HCT 4.2	Economics of Growth and Development
3	HST 4.3	Mathematical Economics	HST 4.3	Monetary Economics
4	SCT 4.1	Principle and Practices of Cooperation	SCT 4.1	Principles and Practices of Co-operation
5	SCT 4.2	Economics of Industry and Labor	SCT 4.2	Economics of Industry and Labor
6	HCP 4.1	Practical Work – Data Analysis	HCP 4.1	Practical Work – Data Analysis
7	SCP 4.2	Dissertation	SCP 4.2	Dissertation
	1	Tutorial	1	Tutorial

Prof. B. H. Damji
Chairman, BOS in Economics