

**SARDAR PATEL UNIVERSITY
VALLABH VIDYANAGAR**



**SYLLABUS EFFECTIVE FROM: 2017-18
MASTER OF ARTS (ECONOMICS)**

(પીએ આર્ટ્સ ઈ. ૦૩/૦૫/૨૦૧૭)

**Semester –III
Core Courses**

Paper Code: PA03CECO21	Total Credit: 5
Title of Paper: Economics of Development and Planning	

Unit	Description in Detail	Weightage (%)
1.	Economic growth and development- concepts- factors affecting economic growth- capital, labour, technology etc. Desirability of economic growth- a critical evaluation of merits and demerits of economic growth. Measurement of development- per capita income, human development index, PQLI, Happiness Index, food security, education, health, etc.	25
2.	The classical theory of economic development- contributions by Adam Smith, Ricardo, Malthus and Mill- Big push theory-Dualistic theory	25
3.	The Marxian theory- The materialistic interpretation of history- theory of surplus value- the Marxian theory and undeveloped countries. The Schumpeterian theory- Schumpeter vision- economics of capitalist development-appraisal.	25
4.	Sources of Growth: Solow & Denison, New Endogenous growth theories: Arrow, Lucas and Romer Human Capital Formation and Manpower. Indicators and measurement of poverty, population and economic development Millennium Development Goals to Sustainable Development Goals – goals, India's commitments	25

Basic reading List:

1. Adelman I (1961), Theories of Economic Growth and Development, Stanford University Press, Stanford.
2. Higgins B (1959), Economic Development, W.W. Norton, New York.
3. Kindle Berger, C.P. (1977), Economic Development, Mc-Grew Hill, New York.
4. Thriwal A.P. (1999), Growth and Development, Macmillan, U.K.
5. Chakravarti S. (1987), Development Planning: The Indian Experience, Clarendon Press, Oxford.
6. Chakravarti S.(1982), Alternative Approaches to the theory of Economic Growth, Oxford University Press, New Delhi.
7. Meier G. M. (1995), Leading Issues in Economic Development, Oxford University Press, New Delhi.
8. 'World Development Report- WDR'- World Bank
9. 'Human Development Report- HDR'- UNDP

Websites:

1. <http://happyplanetindex.org/>
2. <http://worldhappiness.report/>
3. <http://www.unmillenniumproject.org/goals/index.htm>
4. http://mospi.nic.in/sites/default/files/publication_reports/mdg_2july15_1.pdf
5. <http://www.in.undp.org/content/india/en/home/post-2015/mdgoverview.html>

Paper Code: PA03CECO22	Total Credit: 5
Title of Paper: Public Economics	

Unit	Description in Detail	Weightage (%)
1.	Introduction Failure of the Market Mechanism and Need for Government Intervention overview of modern public economics, Market failure-imperfections, decreasing costs, monopolies, externalities, concepts of free riders, spill-over effect, types of goods and their characteristics, public, private, mixed, merit, common property resources	20
2.	Allocation of Resources Private & public mechanism for allocating resources; Problems for allocating resources, contributions of Musgrave. Efficient provision of private social mixed and merit , Samuelson's "Same Price" rule, impossibility of decentralized provision of social goods mixed goods, bargaining in small group,, allocation in the budget, principle of maximum social advantage, Pigovian corrective taxes, Coasian bargaining -common property resources: demand revealing schemes for public goods, problems of preference revelation and aggregation of preferences, voting systems, Arrow Impossibility Theorem, economic theory of democracy, politico-eco-bureaucracy	30
3.	Stabilization and Distribution Problem of instability in an economy, role of monetary and fiscal policies in bringing stabilization in the economy, Distribution Policy-Meaning, Does equity belong in economics, allocation or distribution: Which comes first, approaches to distributive justice, limits to redistribution	20
4.	Fiscal Policy and Public Revenue Objectives & instruments of fiscal policy, impact of Fiscal policy (tax, expenditure and debt) on allocation and efficiency, distribution and redistribution, stabilization and growth, interdependence of fiscal & monetary policies Meaning of tax, how taxes are different from other sources of revenue, inflation as tax. Types and Classification of taxes, impact, shifting and incidence of taxes, canons of taxes, base of tax. Laffer curve, Benefit & ability to pay approaches of taxes, taxable capacity, tradeoff between equity and efficiency, incidence of taxes and allocative efficiency, Excess burden of taxes	30

Basic Reading List

1. Auerbach,A.J. and M Feldstern (Eds) (1985),Handbook of Public Economics, Vol-I, North Holland, Amsterdam.
2. Bhatia, H.L., (2003), Public Finace, Vikas Publishing House Pvt. Ltd., New Delhi
3. Buchanan, J.M.C. (1970) The Public Finances, Richard D. Irwin, Homewood
4. Jha, R (1998), Modern Public Economics, Roultedge London.
5. Mankar, V.G. Public Finance - Theory and Practice.
6. Menutt, P (1996), The Economics of Public Choice, Edward Elgar, u.k
7. Musgrave and Musgrave (1976) Public Finance in Theory and Practice, Mcgraw Hill,

Paper Code: PA03CECO23	Total Credit: 5
Title of Paper: Quantitative Economics	

Unit	Description in Detail	Weightage (%)
1.	Concept and their application in Economic Analysis of; (a.) Economic Model (b) Diagram (c) Equation- its types (d) Function – its types and (f.) Inequality – Linear programming and it's Graphical solution.	30
2.	Elements of Matrix, Algebra and their application in Economic Analysis; Cramer's Rule; Inverse Matrix; Leontief Input- Output Analysis.	20
3.	Set Theory: Types of Sets, Venn Diagrams; Elements of Probability– Laws of Probability, Random Variable, Mathematical Expectations – Property of Binomial and Normal Distribution.	20
4.	Method of Data Collection and Presentation of Data; Frequency Distribution; Measures of Central Tendency- Measures of Dispersion and their Application in Economics Analysis. Lorenz Curve.	30

References

1. Ching A C; Fundamental Methods of Mathematical Economics, Mcgraw Hills, New York.
2. Gupta S C; Fundamental of Applied Statistics. S. Chand & Sons, New Delhi.
3. Grewal P S; Numerical Methods of Statistical Analysis, S P Pvt. Ltd., New Delhi.
4. Bose D.; An Introduction to Mathematical Economics, H P H. Bombay, Delhi.
5. Gupta C.B.; An Introduction to Statistical Methods, Delhi.
6. Dave M.B & Dr. Pandya K, Quantitative Methods of Economics, Popular, Surat (Gujarati)
7. Patel R.K. & Patel L.B.; Business Statistic, C. Jamanadas Co. Ahmedabad.
8. Patel Balubhai; Dhandhakiya Ankadashastra, Uni. Granthnirman Board, Ahmedabad.
9. Zala M.L.; Arthshastrama Ganitshastra, Purbiti Prakashan, Vallabh Vidyanagar.
10. Dr. Jaiswal M.C.; Arthvishayak Ankadashastra, Uni. Granthnirman Board, Ahmedabad.

Elective Course 1
(Any One)

Paper Code: PA03EECO21	Total Credit: 5
Title of Paper: Problems of Indian Agriculture	

Unit	Description in Detail	Weightage (%)
1.	Marketable surplus – measurement, factors affecting marketable surplus, measures to increase marketable surplus Agricultural marketing –prerequisites, problems of Indian agricultural marketing, measures taken to improve agricultural marketing	25
2.	Agricultural productivity scenario – productivity gaps – factors affecting productivity – measures to promote productivity in India	25
3.	New agricultural policy - World Trade Organization and Indian agriculture – market access, domestic support, export subsidies, TRIPS, social clause	25
4.	Animal husbandry –production and contribution to national income – development during five year plans – livestock development program – future prospects	25

References :

1. Reserve Bank of India :Report of the All India Rural Credit Review Committee.
2. Tara Shukla : Capital formation in Indian Agriculture .
3. Tara Shukla (Ed. by) : "Economics of Underdeveloped Agriculture."
4. A. M. Khusro (Ed. by) : " Readings in Agricultural Development"
5. Ved P. Gandhi : " Tax Burden on Indian Agriculture."
6. VadilalDagli (Ed. by) : "Foundation of Indian Agriculture"
7. Annual Report of Currency and Finance-Published by Reserve Bank of India.
8. Monthly Journal of Agricultural Situation in India.
9. Special issue on Review of Agriculture published quarterly in the weekly journal - Economic and Political Weekly.
10. Quarterly Journal - Indian Journal of Agricultural Economics.
11. P. C. Bansil - "Agricultural Problems of India"

Paper Code: PA03EECO22	Total Credit: 5
Title of Paper: Environmental Problems of India	

Unit	Description in Detail	Weightage (%)
1.	Environmental Implications of Urbanisation - Extent and trends of urbanisation in India and consequent environmental issues, suggested policy measures, Air Pollution in India-Ambient air quality standards for various locations, sources and magnitude of air pollution, measures to control air pollution	25
2.	Land Resources in India and Environmental Impact of Use of Chemical Fertilisers and Pesticides in India - Land resources in India, optimum land use pattern and environment, extent and magnitude of land degradation, policy and operational measures to conserve land resources. Use of chemical fertiliser and pesticides on agriculture and its impact on the environment, land, water and air quality	25
3.	Forest Resources in India Extent and development of forest resources in India, magnitude of deforestation and degradation, causes, policy anomalies and conflicts related to forest dwellers, forest dependent livelihoods, India's Forest Policy since independence, suggested measures to conserve and promote forestry, global environmental externalities and climatic changes and India	25
4.	Households and the Environment Demand side factors in environmental degradation, role of households, consumption, energy use, use of plastics, sewerage, solid waste disposal, tourism etc, policy measures implemented and suggested. Water Resources in India Nature and development of water resources in India, environmental issues in the water sector; agriculture, industry and municipal use; management of water resources in India.	25

Basic Reading List

1. Asian Development Bank (ADB) (2000). India: Mainstreaming Environment for Sustainable Development.
2. Bhattacharya, R.N. (Ed.) (2001). Environmental Economics: An Indian Perspective, Oxford University Press.
3. Kerr, John M. et al (1997). Natural Resource Economics: Theory and Applications in India, Oxford & IBH Publishing Co. Pvt. Ltd., New Delhi.
4. Lesser, J.A. et al. (1997). Environmental Economics and Policy, Addison-Wesley.
5. Murty, M.N., A. James and S. Mishra, (1999), The Economics of Water Pollution in India, Oxford University press, New Delhi.
6. Panayatou, Theodore (1992). The Economics of Environmental Degradation: Problems, Causes and Responses. Green Markets: The economics of Sustainable Development. International Centre for Economic Growth, ICS Press, San Francisco.
7. Pearce, D.W. and R. Kerry Turner (1993). Economics of Natural Resources and the Environment, The Johns Hopkins University Press, Baltimore, USA.
8. Sankar, U. (Ed.) (2001). Environmental Economics, Oxford University Press.
9. Sengupta, R.P. (2001). Ecology and Economics: An Approach to Sustainable Development. Oxford University Press, New Delhi.

10. World Bank (1992). Development and the Environment- World Development Report- 1992, Oxford University Press.
11. World Bank (1993), The World Development Report: Investing in Health, Oxford University Press New York.
12. World Bank (1995). Economic Developments in India: Achievements and Challenges, Washington DC.
13. World Resources Institute (WRI) (1993). *Dimensions of Sustainable Development*, in World Resources- 1992-93, Washington DC.

Elective Course 2
(Any One)

Paper Code: PA03EECO23	Total Credit: 5
Title of Paper: Economics of Rural Development	

Unit	Description in Detail	Weightage (%)
1.	The Green Revolution: New Technology in Agriculture - HYVs and Improved Seeds - Spread of New Technology, its adoption, impact - Determinants of Spread of New Technology	25
2.	Rural Industrialization In India: Progress and problems - Rational Approach - Institutional Support - Future Task. SMES in rural development- Role, Importance and limitations.	25
3.	Financing Rural Development: Need and Measurement - Domestic Institutional Sources The Role of Non-institutional Agencies - Deficit financing and controlled Inflation - Foreign Sources of Funds - The role of foreign Investment - The role of foreign aid. Working of RRBs and its role in rural development: Introduction - sources of Funds - Uses of Funds - Results of RRBs - Quality of assets Inspection of RRBs. NABARD-its functions and role in rural development	25
4.	Implementation, Monitoring and Evaluation: Introduction - Project implementation - Planning for implementation - Project Control Integration and coordination - People's participation in Implementation - Project monitoring - Project Evaluation	25

References

- 1 Katar Singh (1999) "Rural Development - principles policies and Management" Sage Publications, New Delhi.
2. I. Satyasundaram (1999) "Rural Development" Himalaya Publishing House, New Delhi.
- 3 Bhalla. G. S. (1994) "Economic Liberalization and Indian Agriculture" (Ed) Institute for Studies in Industrial Development, New Delhi.
4. John Mellor and Guvant Desai (1986) "Agricultural Change and Rural Poverty", Oxford University Press, Bombay.
5. NABARD "Review of working of Regional Rural Banks", Mumbai (1999).
6. Ministry of Rural area and Employment "Programs for Change" GoI, Delhi.
7. Plan Documents, GoI, New Delhi.

Paper Code: PA03EECO24	Total Credit:
Title of Paper: Research Methodology and Computer Application in Economics	5

- Total 5 credits:**
- (a) **Classroom Teaching -3 credits**
 - (b) **Practical - 2 credits**

Unit	Description in Detail	Weightage (%)
1.	Concept and Scope of Socio – Economic Survey, Kinds of Survey, Goals and Importance of Socio- Economic Survey in India, Planning of Socio-Economic Survey, Planning Problem, Pilot Survey, Documentary Sources	25
2.	Hypothesis and Testing of Hypothesis: Concept of Hypothesis, Significance of Hypothesis, Types, Concept of Significance Level and Confidence Level, Use of Computer for Testing of Hypothesis	25
3.	Statistical Analysis and Statistical Analysis with Spreadsheet: Mean, Median, Mode, Dispersion, Correlation, Regression, Introduction to SPSS, some Basis Commands and Data Entry Defining Variables, Basis Statistical analysis- Changing tools	35
4.	Web Page Designing: Introduction, HTML- Introduction, Page Structure, HTML Tags- Manipulating Header, Footer, Colour, Alignment, Paragraph etc.- List, Tables, Image, Hyperlinking- New Softwares	15

References:

- 1) Kothari C.R. (2009), “Research Methodology- Methods and Techniques”, New Age International Publishers, New Delhi
- 2) Joshi K. (1984), “Econometrics”, Viral Prakashan, Ahmedabad
- 3) Raiyani J. R. (2012), “Research Methodology- Theory and Techniques”, New Century Publications, New Delhi
- 4) Verma R. K. & Verma G. (1989), “Research Methodology”, Commonwealth Publishers, New Delhi
- 5) Gupta V. (2007), “Comdex Computer Course Kit” Comdex
- 6) Rajaraman (2003), “Fundamentals of Computers”, PHI Publication, New Delhi
- 7) Gupta S C; Fundamental of Applied Statistics. S. Chand & Sons, New Delhi.
- 8) Grewal P S; Numerical Methods of Statistical Analysis, S P Pvt. Ltd., New Delhi.
- 9) Bose D.; An Introduction to Mathematical Economics, H P H. Bombay, Delhi.
- 10) Gupta C.B.; An Introduction to Statistical Methods, Delhi.
- 11) Patel R.K. & Patel L.B.; Business Statistic, C. Jamanadas Co. Ahmedabad.
- 12) Patel Balubhai; Dhandhakiya Ankadashastra, Uni. Granthnirman Board, Ahmedabad.
- 13) Zala M.L.; Arthshastrama Ganitshastra, Purbiti Prakashan, Vallabh Vidyanagar.
- 14) Dr. Jaiswal M.C.; Arthvishayak Ankadashastra, Uni. Granthnirman Board, Ahmedabad.
- 15) Douglas E. Commer (2000), “The Internet”, PHI, Second Ed.
- 16) Sir Claus Moser & G. Kalton; Survey Methods on Social Investigation.
- 17) Goode W.J. & Hatt P.K. - Methods in Social Research
- 18) Gaitung J. - Theory and Methods of Social Research
- 19) Cochran W.G. - Sampling Techniques
- 20) Glock C.Y., - Survey Research in Social Science
- 21) Xavier C. (2000), “World Wide Web Design With HTML”, Tata McGraw Hill Publication, Kolkata