

**SARDAR PATEL UNIVERSITY
VALLABH VIDYANAGAR**



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

Semester –IV

Core Courses

Paper Code: PA04CECO21	Total Credit: 5
Title of Paper: Economics of Development and Planning	

Unit	Description in Detail	Weightage (%)
1.	Critical Minimum Effort Thesis- Leibenstein. The theory of balanced growth- Nurkes' view- criticism of balanced growth. Backward linkage, forward linkage and the theory of unbalanced growth	25
2.	Rostow's Stages of Economic Growth. Choice of techniques in underdeveloped economies. Myrdal's theory of circular causation- Regional inequalities- International Inequalities- A critical appraisal.	25
3.	Mrs. Robinson's Golden Age. Harrod-Domar model- requirements of steady growth- applications of these models to underdeveloped countries	25
4.	Economic Planning – introduction- types of planning. Planning and development in India- the strategy of Indian planning- A critical appraisal- NITI Ayog	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://niti.gov.in/>

Paper Code: PA04CECO22	Total Credit: 5
Title of Paper: Public Economics	

Unit	Description in Detail	Weightage (%)
1.	Public Expenditure Wagner's law of increasing state activities, Peacock hypo thesis, Musgrave's views, pure theory of public expenditure, structure and growth of public expenditure. Indian experience, Reforms in expenditure management, criteria for public investment; social cost benefit analysis, types of benefits and costs & their measurement	25
2.	Public Debt Meaning, need and sources of public debt, Classical view, Burden of public debt, “debt trap”, present and future generations;, debt through created money, price level & public debt, crowding out of private investment & activity; trends of public debt in India, India's debt burden, methods of debt management & repayment, different concepts of deficits & their importance, meaning and need for deficit financing, problems of deficit financing	25
3.	Fiscal Federalism System of Indian Federal Finance, Finance- Commission & Planning Commission: Resources transfers criteria, devolution of resources and grants between States and Center and problems of this system, Current Finance Commission,	25
4.	Indian Public Finance Sources of revenue of Union, States & local bodies, Indian tax system- major taxes, taxation of agriculture, expenditure tax, service tax, VAT-Modvat, CENVAT, MAT, Reforms in direct and indirect taxes-Recommendations of Raja Chelliah Committee, Other Fiscal Reforms, Non-tax revenue, Budget: Its preparation, significance, analysis, recent Union Government budget.	25

Basic Reading List

1. Bagchi; Amresh; Bajaj; J.C. and Byrd, W. A (1992), States Finance in India, Vikas Pub.House.
2. Chelliah, Raja (1997) Tax Reforms Committee-Final Report, Govt. of India, Ministry of Finance.
3. Goode, R.(1996) Government Finance in Developing Countries, Tata Mc Grave . Hill, N Delhi.
4. Govt. of India, Ministry of Finance, An Economic and Functional Classification of Central Govt Budgets.
5. Govt. of India, Economic Surveys of different years.
6. Govt. of India, Speeches of Union Finance Ministers, Ministry of Finance.
7. Prasad, R.C (1987) Agricultural Taxation and Economic Development, Deep and Deep Pub.
8. Sury, M.M. (2000) fiscal policy Developments in India: 1950-2000 Indian Tax Institute
9. R.V. Shastri, R.C. Joshi, K.J. Munshi, M.V. Joshi, (1993-94), Rashtriya Artha Vidhan, Popular Prakashan, Surat.
10. Trivedi Ravishankar (anuvadak) (1978) Musgrave, Richard A, Jaher Arthvidhanna Siddhanto, University Granth Nirman Board.

Paper Code: PA04CECO23	Total Credit: 5
Title of Paper: Quantitative Economics	

Unit	Description in Detail	Weightage (%)
1.	Elements of Differential Calculus and their utility in Economic Analysis. Such as establishment of relationship between AR & MR; AC & MC; AR, MR & Elasticity; Optimisation conditions; Estimation of Elasticity & Marginal Value etc. Meaning of Differential Derivative, Rules of Differentiation, Second order Derivative, Partial Derivative, Total Derivative, Total Differential and their utility in Economic Theory.	30
2.	Simple Correlation: types of Correlation, Scatter Diagrams, Coefficient of Correlation – Product Moment Method and Rank Correlation Method, Probable Error and Explanation of Co-Efficient of Correlation, And Its Application in Economics.	25
3.	Regression and its Application in Economic Analysis. Relationship between Attributes	25
4.	Index Numbers, Importance, Utilisation of Index Numbers in Economic Analysis, Problems in Construction of Index Numbers, Methods of Construction of various type Of Index Numbers.	20

References:

1. Ching A C; Fundamental Methods of Mathematical Economics Mcgraw Hills, New York.
2. Gupta S C; Fundamentals 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
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
(Interdisciplinary Course)

Paper Code: PA04EECO21	Total Credit: 5
Title of Paper: Human Development	

Unit	Description in Detail	Weightage (%)
1.	<p>Concept of human development, difference between human development and various earlier concepts of development, human development index, Role of UNDP in Human development research and World Human Development Reports, dimensions and methodology of calculation of human development index-life expectancy index, education index and adult literacy index, issues and concerns regarding calculation of HDI, data requirements for calculation of HDI, HDI in India, HDI in Gujarat</p>	25
2.	<p>Education and Human development-importance of education in human development, education policy, measures to strengthen education for achieving higher level of human development</p>	25
3.	<p>Employment- Occupational Pattern (Employment Structure), Unemployment - Types, Unemployment in Developing Countries, Magnitudes and trends, Employment Policy and Programmes.</p>	25
4.	<p>Health Status and human development, various indicators of health status, importance of health and its implications for human development</p> <p>Gender and Human development, gender related development index (GDI),gender empowerment measure (GEM), calculation of gender related development index (GDI),gender empowerment measure (GEM), measures to improve gender component of human development, Vulnerability in human development</p>	25

References:

1. Anand Sudhir & Sen, Amartya K. (1994), "Human Development Index: Methodology and measurement", Occasional papers, Human Development Report Office, New York, July.
2. Bhatt, Babaraju K. (2004), "Population and Human Development – Indian Context", Vishleshan, Vol. 29, No. 3, July- September.
3. District Human Development Report of Dangs district in Gujarat, unpublished report by Sardar Patel University, Vallabh Vidyanagar
4. Dr. Yogesh Vansiya (2008), "Exploration of Human Development in Gujarat", Popular Prakashan, Surat, Gujarat.
5. GoG, "Socioeconomic Review of Gujarat State, various issues
6. GoG, "Statistical Abstract of Gujarat State, various issues
7. Government of Uttar Pradesh, Human Development Report, 2003
8. Gujarat Human Development Report (2004), Mahatma Gandhi Labour Institute, Ahmedabad
9. Joshi, G. N. (1997), "Manavvikas Aank Ane Aarthikvrithi", Vishleshan, April, pp. 68-78.
10. Jhingan M. L., (1986), "The Economics of Development and Planning", Konark Publication, New Delhi.
11. World Human Development Reports, issues of various years

Paper Code: PA04EECO22	Total Credit: 5
Title of Paper: Basics of Computers for Economics	

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

Unit	Description in Detail	Weightage (%)
1.	INTRODUCTION TO COMPUTER What is Computer?- History of Computers, Characteristics of Computer System, Basic Applications of Computer, Components of Computer System, CPU, Input and Output devices, Computer Memory; Hardware and Software – Concepts, Application Software, Systems software, Multimedia and Entertainment, Basics of Operating System, popular operating systems- introduction of user interface and its functioning	25
2.	WORD PROCESSING Word Processing Basics, Opening Word Processing Package, Menu Bar, Using The Help, Using The Icons Below Menu Bar, Opening and closing Documents, Opening Documents, Save and Save as, Page Setup, Print Preview, Printing of Documents, Text Creation and manipulation, Document Creation, Editing Text, Text Selection, Cut, Copy and Paste, Font and Size selection, Alignment of Text, Formatting the Text, Paragraph Indenting, Bullets and Numbering, Changing case, Table Manipulation, Draw Table, Changing cell width and height, Alignment of Text in cell, Delete / Insertion of row and column, Border and shading	25
3.	SPREAD SHEET Elements of Electronic Spread Sheet, Opening of Spread Sheet, Addressing of Cells, Printing of Spread Sheet, Saving Workbooks, Manipulation of Cells, Entering Text, Numbers and Dates, Creating Text, Number and Date Series, Editing Worksheet Data, Inserting and Deleting Rows, Column, Changing Cell Height and Width, Function and Charts, Using Formulas	25
4.	PRESENTATION Basics, Using PowerPoint, Opening A PowerPoint Presentation, Saving A Presentation, Creation of Presentation, Creating a Presentation Using a Template, Creating a Blank Presentation, Entering and Editing Text, Inserting And Deleting Slides in a Presentation, Preparation of Slides, Inserting Word Table or An Excel Worksheet, Adding Clip Art Pictures, Inserting Other Objects, Resizing and Scaling an Object, Providing Aesthetics, Enhancing Text Presentation, Working with Color and Line Style, Adding Movie and Sound, Adding Headers and Footers, Presentation of Slides, Viewing A Presentation, Choosing a Set Up for Presentation, Printing Slides and Handouts, Slide Show, Running a Slide Show, Transition and Slide Timings, Automating a Slide Show	25
	COMPUTER COMMUNICATION AND INTERNET Basics of Computer Networks, Local Area Network (LAN), Wide Area Network (WAN), Internet, Concept of Internet, World Wide Web and Websites, Communication on Internet	

References

French C.S. (1998), "Data Processing and Information Technology", BPB Publications
 Sinha P.K (1992), "Computer Fundamentals", BPB Publications
 Davis G. H. (1998) "The ABCs of Microsoft Office 97 Professional edition", BPB Publications
 Schwartz K. (1998), "Microsoft Windows 98 Training Guide"
 Gupta V. (2007), "Comdex Computer Course Kit" Comdex
 Rajaraman (2003), "Fundamentals of Computers", PHI Publication, New Delhi

Elective Course 2
(Interdisciplinary Course)

Paper Code: PA04EECO23	Total Credit: 5
Title of Paper: Environmental Protection in India	

Unit	Description in Detail	Weightage (%)
1	Importance of environmental protection Harmful impact of environmental pollution on human life and economy; Need for environmental protection; role of human being in environmental pollution, lifestyle, production, consumption, pattern of resource use, eco-friendly products, usage, practices, attitudes towards the environment; Society and environmental protection; Socio-cultural traditions, festivals, celebrations; religious beliefs and practices and their impact on environmental pollution in India; measures and prospects to make these practices eco-friendly and promote environmental protection in Indian society	25
2	Agriculture and environmental protection Sources and activities leading to pollution in Indian agriculture; use of land, fertilizers, irrigation, pesticides, mechanization, fuel; alternative measures and prospects to reduce pollution; measures and prospects to promote environmental protection in Indian agriculture	25
3	Industry and environmental protection Sources and activities causing industrial pollution in India; alternative measures and prospects to reduce and avoid pollution; methods of waste purification and management, technology, machinery, alternative fuels, measures and prospects to promote environmental protection in Indian industry	25
4	Services and environmental protection Sources and activities causing pollution in the service sector in India; health, transport, hospitality, information and communication, education, entertainment; alternative measures and prospects to promote environmental protection in Indian service sector	25

References :

1. Asian Development Bank (ADB) (2000). India: Mainstreaming Environment for Sustainable Development.
2. Baumol, W.J. and W.E. Oates (1988). The Theory of Environmental Policy, Cambridge University Press.
3. Bhattacharya, R.N. (Ed.) (2001). Environmental Economics: An Indian Perspective, Oxford University Press.
4. Bromley, Daniel W. (Ed.) (1995). Handbook of Environmental Economics, Blackwell Publishers.
5. Callan, S.J. and J.M. Thomas (2000). Environmental Economics and Management: Theory, Policy and Applications.
6. Dixon, J.A. et al. (1994). Economic Analysis of Environmental Impacts. Earthscan Publications Ltd., London.
7. Field, Barry C. and Martha Field (2002). Environmental Economics: An Introduction (3rd ed.). McGraw-Hill Irwin.
8. GoI (1999). Economic Survey-1998-99: Promoting Sustainable Development: Challenges for Environment Policy, New Delhi.

9. Hanley, N. et al. (2001). Introduction to Environmental Economics, Oxford University Press, New York.
10. Khakhhar, K.K., “ *Paryavaranīya Arthashastrana Payana Siddhanto*”, (2004), Adarsh Printing Press, Rajkot.
11. Tietenberg, Tom (2001). Environmental Economics and Policy, Addison-Wesley.

Unit	Description in Detail	Weightage (%)
1.	Meaning and significance of Research- Definition, Characteristics, Classification; Social Research- Types, Motivations, Factors, Basic Assumptions; Importance of Social Research, Problems encountered by Researcher	25
2.	Phases of Social Research: Selection of a Research Problem, Precautions to be undertaken, Formulation of a Research Problem: Statement of a Research Problem, Objectives, Hypothesis, Definitions and Indicators, Review of Literature	25
3.	Nature and Sources of Data- Primary and Secondary Data; Census and Sample Methods, Sampling Techniques, Data for Research: Methods of Primary and Secondary Data Collection, Precautions to be Taken while Collecting Data, Limitations, Data Processing- Editing, Coding, Classification, Tabulation, Analysis and interpretation	35
4.	Hypothesis and Testing of Hypothesis: Concept of Hypothesis, Significance of Hypothesis, Types, Concept of Significance Level and Confidence Level, Testing of Hypothesis	15

References:

- Kothari C.R. (2009), "Research Methodology- Methods and Techniques", New Age International Publishers, New Delhi
- Joshi K. (1984), "Econometrics", Viral Prakashan, Ahmedabad
- Raiyani J. R. (2012), "Research Methodology- Theory and Techniques", New Century Publications, New Delhi
- Verma R. K. & Verma G. (1989), "Research Methodology", Commonwealth Publishers, New Delhi
- Gupta S C; Fundamental of Applied Statistics. S. Chand & Sons, New Delhi.
- Grewal P S; Numerical Methods of Statistical Analysis, S P Pvt. Ltd., New Delhi.
- Bose D.; An Introduction to Mathematical Economics, H P H. Bombay, Delhi.
- Gupta C.B.; An Introduction to Statistical Methods, Delhi.
- Patel R.K. & Patel L.B.; Business Statistic, C. Jamanadas Co. Ahmedabad.
- Patel Balubhai; Dhandhakiya Ankadashastra, Uni. Granthnirman Board, Ahmedabad.
- Zala M.L.; Arthshastrama Ganitshastra, Purbiti Prakashan, Vallabh Vidyanagar.
- Dr. Jaiswal M.C.; Arthvishayak Ankadashastra, Uni. Granthnirman Board, Ahmedabad.
- Sir Claus Moser & G. Kalton; Survey Methods on Social Investigation.
- Goode W.J. & Hatt P.K. - Methods in Social Research
- Gaitung J. - Theory and Methods of Social Research
- Cochran W.G. - Sampling Techniques
- Glock C.Y., - Survey Research in Social Science