

**SARDAR PATEL UNIVERSITY  
VALLABH VIDYANAGAR**



**MASTER OF PHILOSOPHY (ECONOMICS)  
EFFECTIVE FROM JUNE – 2017-18**

**M.Phil Syllabus Semester – I**

Course Type	Course No.	Name of the Course	Credits	External	Internal	Total
2 Core Courses	MA01CECO21	Research Methodology	02	70 /39	30/17	100/55
	MA01CECO22	Macro Economics of Growth	03	70 /39	30/17	100/55
Elective Course (Any One)	MA01EECO21	Agriculture and Indian Economic Growth	03	70 /39	30/17	100/55
	MA01EECO22	Econometrics and Computer Applications	03	70 /39	30/17	100/55
<b>Total</b>			<b>08</b>			

**Paper Code:** MA01CECO21

**Title of Paper:** Research Methodology

**Total Credit: 02**

1. Meaning, Objectives and Types of social research, Selection of Research Problem, Planning of Research, Review of Literature, Hypothesis, Research Proposal.
2. Meaning and Types of Data, Methods and sources of primary and secondary data collection, Sampling techniques, Questionnaires and Schedules, Interview and Observation methods of data collection, Testing of questionnaires- Pilot survey.

**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.

**Paper Code:** MA01CECO22

**Title of Paper:** Macro Economics of Growth

**Total Credit: 03**

1. Macro Economic Growth and Micro Economic Growth-Growth and Development-Macro Economic Growth Indicators in Indian economy.
2. Growth Constraints : Domestic External-Poverty, Market imperfections-socio cultural and international forces, Social implications of Economic Development-Indian context.
3. Capital formation-Reasons for low rate of capital formation., Inflation and Economic Development - The Relation between unemployment and Inflation-Measures to control Inflation, Monetary Developments in India.

**References**

1. Ackley, G (1978). Macroeconomics: Theory and Policy, MacMillan, New York
2. Dornbusch, R. and F. Stanley (1997). Macroeconomics, McGraw-Hill Inc, New York.
3. Frisch, H. (1983). Theories of Inflation, Cambridge University Press,
4. Ghosh, B.N., and Rama Ghosh (1993). Modern Macroeconomics: Theory and Policy, Himalaya Publishing.
5. Gupta, S.B: (1995). Monetary Planning in India, Oxford University Press, New Delhi.
6. Gupta, G.S. (2001). Macroeconomics: Theory and Applications, Tata McGraw-Hill publishing Company Ltd., New Delhi.
7. Gurley J. and E.S. Shaw (1960). Money in a Theory and Finance, Brookings Institution, Washington.
8. Hall, R.E. and J.B. Taylor (1986). Macroeconomics, McGraw-Hill Inc. New York.
9. Jha, R. (1991). Contemporary Macroeconomic Theory and Policy, Wiley Eastern Ltd. New Delhi.
10. Laidler, D.E.W. (1977).Demand for Money, Theory and Evidence, Dum-Don Valley, New York.
11. Leijonhufwud, A. (1968). On Keynesian Economics and Economics of Keynes, Oxford University Press, London.
12. Mankiw, N.G. and D. Romer (Eds.) (1991). New Keynesian Economics, 2 Vols. MIT Press, Cambridge, Massachuttes, USA.
13. Mueller, M.G. (1966). Reading in Macroeconomics, Holt Rinehart & Winston, N.Y.
14. Patinkin, D. (1965). Money, Interest and Prices, Harper & Row, New York.
15. Lucas, R. (1981). Studies in Business Cycle Theory, MIT Press, Cambridge, Massachuttes, USA.
16. Taylor, L. (1983). Structuralist Macroeconomics, Basic Books, New Longman.

## Elective Group

**Paper Code:** MA01EECO21

**Total Credit: 03**

**Title of Paper:** Agriculture and Indian Economic Growth

1. Agricultural sector in India-Changes in its role-production-changes in crop pattern and input structure-causes and consequences-regional variation. Change in consumption pattern and agricultural diversification, efficiency of input use, regional industries and trade, rural employment trends, poverty and employment linkages. Regional inequalities, food security - concepts. status issues & role of state and market.
2. Changes in agrarian structure-causes and consequences regional variations.
3. Agricultural marketing, finance, education, research and extension-progress, problems and prospects, Trends of capital formation in agriculture, Trade liberalization and social welfare.

### References

1. John W. Mellor - Economics of Agricultural Development
2. T. W. Schultz - Transforming Traditional Agriculture
3. V. W. Ruttan and Yujiro Hayami - Agricultural Development And International Perspective
4. E. Heady - The Economics of Agricultural Production and Resource use
5. C. E. Bishop & W.D. Tonssaint -Introduction to Agricultural Economic Analysis
6. E. Heady & H. R Jensen -Farm Management Economics.
7. G. S. Shepherd: -Agricultural Price Analysis

**Paper Code:** MA01EECO22

**Title of Paper:** Econometrics and Computer Applications

**Total Credit: 03**

1. Introduction, methodology and nature of econometric approach, Introduction to correlation and Simple regression estimation and testing procedures.
2. Functional forms of regression models and methods of estimation; Multiple Variate analysis, generalized estimation methods and problems, Important problems in regression analysis
3. Introduction to time series analysis, multicollinearity, serial correlation, heteroseasticity; Dummy and qualitative variables.

**Reference Books**

1. P K Bose, computer Programming for Social Sciences, Vistaar Pub.
2. Hossein Bidgoli, A Comprehensive.
3. Stephen Copestake, Excel 97 in Easy Steps.
4. Shelly and Hunt, Computers and Common Sense, Prentice Hall of India.
5. Rajarama V, Fundamentals of Computers, Prentice Hall of India.
6. Peter Norton's : Introduction to Computers, Tata M C Grow Hill Pub.
7. Foster J J, Data Analysis using SPSS for windows-A Beginner, Guide.
8. Madnani G.: Introduction to Econometrics- Principles and Application, Oxford & I B H.
9. Krishna, K L Econometric Applications, Prentice Hall of India.
10. Klein, L R, An Introductory Econometrics, Prentice Hall of India.
11. Thomas R L, Introductory Econometric-Theory and Applications, Longman House.

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**MASTER OF PHILOSOPHY (ECONOMICS)  
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**M.Phil Syllabus Semester - II**

Course Type	Course No.	Name of the Course	Credits	External	Internal	Total
2 Core Courses	MA02CECO21	Research Methodology	02	70 /39	30/17	100/55
	MA02CECO22	Macro Economics of Growth	03	70 /39	30/17	100/55
	MA02CECO23	Dessertation	08	Evaluation of Desseratation	Internal Examiner	100/55
					External Examiner	100/55
			Viva-Voce	Internal & External Examiners	100/55	
Elective Course (Any One)	MA02EECO21	Agriculture and Indian Economic Growth	03	70 /39	30/17	100/55
	MA02EECO22	Econometrics and Computer Applications	03	70 /39	30/17	100/55
<b>Total</b>			<b>16</b>			

**Paper Code:** MA02CECO21

**Title of Paper:** Research Methodology

**Total Credit: 02**

1. Data processing- Editing, Coding, Classification, Tabulation, Analysis, Interpretation and presentation of data, Measures of Central Tendency and Dispersion.
2. Correlation, regression, Hypothesis testing, Use of Computer in research, Bibliography and referencing, Writing a research Report.

**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.

**Paper Code:** MA02CECO22

**Total Credit: 03**

**Title of Paper:** Macro Economics of Growth

1. Role of Agriculture and Industry in Economic Development - Inter relationship between Agriculture and industrial Development.
2. Entrepreneurship in economic Development - Factor's Impeding the Growth of Entrepreneurship-Development of Entrepreneurship, Human Resource Development - and economic Growth.
3. Theory and Practice of Planning in India Special Feature of Planning in India, Evaluation of five year plans, Financial Institutions in India.

**References**

1. Ackley, G (1978). Macroeconomics: Theory and Policy, MacMillan, New York
2. Dornbusch, R. and F. Stanley (1997). Macroeconomics, McGraw-Hill Inc, New York.
3. Frisch, H. (1983). Theories of Inflation, Cambridge University Press,
4. Ghosh, B.N., and Rama Ghosh (1993). Modern Macroeconomics: Theory and Policy, Himalaya Publishing.
5. Gupta, S.B: (1995). Monetary Planning in India, Oxford University Press, New Delhi.
6. Gupta, G.S. (2001). Macroeconomics: Theory and Applications, Tata McGraw-Hill publishing Company Ltd., New Delhi.
7. Gurley J. and E.S. Shaw (1960). Money in a Theory and Finance, Brookings Institution, Washington.
8. Hall, R.E. and J.B. Taylor (1986). Macroeconomics, McGraw-Hill Inc. New York.
9. Jha, R. (1991). Contemporary Macroeconomic Theory and Policy, Wiley Eastern Ltd. New Delhi.
10. Laidler, D.E.W. (1977). Demand for Money, Theory and Evidence, Dum-Don Valley, New York.
11. Leijonhufwud, A. (1968). On Keynesian Economics and Economics of Keynes, Oxford University Press, London.
12. Mankiw, N.G. and D. Romer (Eds.) (1991). New Keynesian Economics, 2 Vols. MIT Press, Cambridge, Massachuttes, USA.
13. Mueller, M.G. (1966). Reading in Macroeconomics, Holt Rinehart & Winston, N.Y.
14. Patinkin, D. (1965). Money, Interest and Prices, Harper & Row, New York.
15. Lucas, R. (1981). Studies in Business Cycle Theory, MIT Press, Cambridge, Massachuttes, USA.
16. Taylor, L. (1983). Structuralist Macroeconomics, Basic Books, New Longman.

**Paper Code:** MA02CECO23  
**Title of Paper:** Dessertation

**Total Credit: 08**

### **Elective Group**

**Paper Code:** MA02EECO21

**Title of Paper:** Agriculture and Indian Economic Growth

**Total Credit: 03**

1. Agricultural policies-pricing and distribution of agricultural products-inter sectoral flows and linkages, taxation policy, role assigned to agriculture in five year plans. Special programmes for marginal and small farmers and agricultural labourers. Performance of agriculture in different plans, Globalization-hopes, realities and coping strategies. Sustainable development issues, New Agricultural Policy-2000, Marketing Polices, Price polices, agricultural reforms.
2. Institutional factors for agricultural development - agroclimatic regional planning, public distribution systems, land ownership-tenancy and reforms contract farming, processing industries, rural credit institutions, microfinance Evaluation of agricultural Projects.
3. Agricultural Development Programmes and Schemes in India

### **References**

1. John W. Mellor - Economics of Agricultural Development
2. T. W. Schultz - Transforming Traditional Agriculture
3. V. W. Ruttan and Yujiro Hayami - Agricultural Development And International Perspective
4. E. Heady - The Economics of Agricultural Production and Resource use
5. C. E. Bishop & W.D. Tonssaint -Introduction to Agricultural Economic Analysis
6. E. Heady & H. R Jensen -Farm Management Economics.
7. G. S. Shepherd: -Agricultural Price Analysis

**Paper Code:** MA02EECO22

**Title of Paper:** Econometrics and Computer Applications

**Total Credit: 03**

1. Definition, components, Generations; Input/output devices: storing information; Types-hardware/software; Microsoft operating systems; windows operating systems; creation, operation and storing of files; editing and formatting; spell and grammar check; creation of tables and columns;
2. Introduction to spreadsheet; creating graphs charts; Mathematical and statistical functions; Data analysis in Excel: descriptive statistics, tests of hypothesis, ANOVA, etc.
3. Use of SPSS: opening of files in SPSS, Analysis tools, selection of variables in multiple regressions-stepwise procedures; discriminate analysis. Introduction to Eviews and its usage in analysis.

### **Reference Books**

1. P K Bose, computer Programming for Social Sciences, Vistaar Pub.
2. Hossein Bidgoli, A Comprehensive.
3. Stephen Copestake, Excel 97 in Easy Steps.
4. Shelly and Hunt, Computers and Common Sense, Prentice Hall of India.
5. Rajarama V, Fundamentals of Computers, Prentice Hall of India.
6. Peter Norton's : Introduction to Computers, Tata M C Grow Hill Pub.
7. Foster J J, Data Analysis using SPSS for windows-A Beginner, Guide.
8. Madnani G.: Introduction to Econometrics- Principles and Application, Oxford & I B H.
9. Krishna, K L Econometric Applications, Prentice Hall of India.
10. Klein, L R, An Introductory Econometrics, Prentice Hall of India.
11. Thomas R L, Introductory Econometric-Theory and Applications, Longman House.
12. Startz R., (2015), Eviews Illustrated for Version 9, University of California, Santa Barbra.