

**The Kelkar Education Trust's
V.G.Vaze College of Arts, Science and Commerce
(Autonomous)**



**The Kelkar Education Trust's
V G Vaze College of Arts, Science and Commerce
(Autonomous)**

**Syllabus for SYBA
(June 2024 Onwards)**

Program: BA

Semester 3

Course: Macroeconomics I

Course Code	Paper Title	Credit
VGUVAMECO301	Macroeconomics I	04

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1.Syllabus as per Choice Based Credit System

i) Name of the Programme	:	S.Y.B.A. Economics
ii) Course Code	:	VGUVAMECO301
iii) Course Title	:	Macroeconomics I
iv) Semester wise Course Contents	:	Copy of the syllabus enclosed
v) References and additional references	:	Enclosed in the Syllabus
vi) Credit structure	:	
No. of Credits per Semester	:	04
vii) No. of lectures per Unit	:	15
viii) No. of lectures per week	:	04
ix) No. of Tutorial per week	:	---

2 Scheme of Examination	:	Semester End Exam:60 marks (4 Questions of 15 marks) Internal Assessment 40 marks: Test 15 marks, Project/ Assignment 15 marks Class Participation: 10 marks
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3 Special notes, if any	:	No
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4 Eligibility, if any	:	As laid down in the College Admission brochure / website
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5 Fee Structure	:	As per College Fee Structure specifications
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6 Special Ordinances / Resolutions, if any	:	No
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Programme: SYBA	Semester: III
Course: Economics II	Course Code: VGVUAMECO301

Teaching Scheme (Hrs/Week)				Continuous Internal Assessment (CIA) 40 marks					End Semester Examination	Total
L	T	P	C	CIA-1	CIA-2	CIA-3	CIA-4	Lab	Written	
4	-	-	4	15	15	10		-	60	100
Max. Time, End Semester Exam (Theory) -2Hrs.										

Prerequisite: Interest in understanding basic concepts and models in Macroeconomics

Course Objectives	
1.	To introduce students to the basic concepts of Macroeconomics
2.	To introduce students to the basics of National Income
3.	To get students acquainted with Keynesian Economics
4.	To introduce students to the rationale behind money supply and money demand
5.	To expose students to the issue of inflation.

Course Content		
Unit No.	Content	Lectures
I: Introduction to Macroeconomics and National Income	Introduction: Meaning and Scope of Macro Economics; Concepts and Trends of National income Data of macroeconomics: measuring the value of economic activity – GDP (real vs nominal), chain weighted measure of real GDP, calculation of components of GDP, CPI vs GDP deflator, measuring unemployment, trends in labor force participation. Methods and Difficulties in Measurement of National Income; Circular Flow of National Income: Closed Economy (Two and Three Sector) and Open Economy Models (Four Sector Model) National Income Accounting in India.	15

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II: Keynesian Economics	Theory of Effective Demand; Consumption Function; Investment Function; Marginal Efficiency of Capital and Rate of Interest- Investment Multiplier and accelerator. What causes Depression and cyclical unemployment: Keynes' view and monetarist explanation.	15
III: Supply of Money and Demand for Money	Supply of Money: Determinants of Money Supply; Velocity of Circulation of Money; RBI's Approach to Measurement of Money Supply; Demand for Money: Classical, Keynesian and Friedman's Approaches, Relative importance of various Reserve Systems: Case study approach	15
IV: Inflation	Inflation: Types, Features and Causes, Demand Pull Inflation and Cost Push Inflation, Effects of Inflation; Hyper Inflation: Meaning, Causes and Consequences; Stagflation: Meaning, Causes and Consequences. Phillips Curve (Short Run).	15
Total No. of Lectures		60

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Beyond the Syllabus

Use of Case studies, Presentations, Games based on concepts of national income accounting and inflation.

Semester III: Macroeconomics III (Paper Pattern)

Duration: 2 hours

Marks: 60

Q.1 Brief Answers (2/3)	(Unit 1)	15 Marks
Q.2 Brief Answers (2/3)	(Unit 2)	15 Marks
Q.3 Brief Answers (2/3)	(Unit 3)	15 Marks
Q.4. Brief Answers (2/3)	(Unit 4)	15 Marks

Course Outcomes

Students should be able to...

CO1	Understand the various concepts of National Income.
CO2	Understand the process of National Income Accounting in India and thus be able to interpret India's growth story.
CO3	Learn about the fundamentals of Keynesian Economics and thus be able to appreciate the role of Government in facilitating smooth functioning of the Economy.
CO4	Understand the causation behind demand for money and also determinants of Supply of Money
CO5	Understand inflation and its effects.

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Syllabus Prepared by:

Dr. Vaishali Dhammapathee, Head and Associate Professor, Department of Economics
 Ms. Trishna Saraf, Assistant Professor, Department of Economics

Recommended Resources

Reference Books and Websites

- 1) N. Gregory Mankiw, (2015), Principle of Macroeconomics, 7th edition, Cengage Learning.
- 2) Abel A. B. B. S. Bernanke and D. Croushore (2011), Macroeconomics, Pearson, New Delhi.
- 3) Ahuja H. L., (2016), Macroeconomics theory and Policy, 20th Edition S. Chand and company Ltd. New Delhi.
- 4) Dwivedi D.N., (2018), Macroeconomics theory and Policy, 5th Edition TATA McGraw - Hill Publication company Ltd. Delhi.
- 5) Dornbusch R., Fischer S. and Startz, (2017) (Indian Edition), Macroeconomics Delhi: McGraw Hill Publication.
- 6) Paul Samuelson and William Nordhaus, (2019), Economics, 20th Edition McGraw Hill Publication.
- 7) BOARD OF GOVERNORS of the FEDERAL RESERVE SYSTEM. (2024, March 13). *Recent Developments*. Retrieved from BOARD OF GOVERNORS of the FEDERAL RESERVE SYSTEM: https://www.federalreserve.gov/faqs/money_12845.htm
- 8) Ministry of Statistics and Programme Implementation. (2024). *Data : MoSPI*. Retrieved from MoSPI: <http://mospi.nic.in/data>
- 9) Reserve Bank of India. (2024). *Annual Publications*. Retrieved from Handbook of Statistics: <https://m.rbi.org.in/Scripts/AnnualPublications.aspx?head=Handbook%20of%20Statistics%20on%20Indian%20States>
- 10) Reserve Bank of India. (2024, Marach). *Home : DBIE*. Retrieved from Database on Indian Economy: <http://dbie.rbi.org.in/DBIE/dbie.rbi?site=home>
- 11) Samuelson, P., & Nordhaus, W. (2019). *Economics* (20th ed.). McGraw Hill Publication.
- 12) Schwartz, A. J. (2024, March). *Money Supply*. Retrieved from Econlib : BASIC CONCEPTS, GOVERNMENT POLICY, MACROECONOMICS, MONEY AND BANKING: <https://www.econlib.org/library/Enc/MoneySupply.html>

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**Syllabus for SYBA
(June 2024 Onwards)**

Program: BA

Semester 3

Course: Public Finance

Course Code	Paper Title	Credit
VGUAMECO302/ VGUANECO302	Public Finance	04

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Syllabus as per Choice Based Credit System

i) Name of the Programme	:	S.Y.B.A. Economics
ii) Course Code	:	VGUVAMECO302/ VGUVANECO302
iii) Course Title	:	Public Finance
iv) Semester wise Course Contents	:	Copy of the syllabus enclosed
v) References and additional references	:	Enclosed in the Syllabus
vi) Credit structure	:	
No. of Credits per Semester	:	04
vii) No. of lectures per Unit	:	15
viii) No. of lectures per week	:	04
ix) No. of Tutorial per week	:	---
2 Scheme of Examination	:	Semester End Exam:60 marks (4 Questions of 15 marks) Internal Assessment 40 marks: Test 15 marks, Project/ Assignment 15 marks Class Participation: 10 marks
3 Special notes, if any	:	No
4 Eligibility, if any	:	As laid down in the College Admission brochure / website
5 Fee Structure	:	As per College Fee Structure specifications
6 Special Ordinances / Resolutions, if any	:	No

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Programme: SYBA	Semester: III
Course : Economics III	Course Code : VGVUAMECO302/ VGVUANECO302

Teaching Scheme (Hrs/Week)				Continuous Internal Assessment (CIA) 40 marks					End Semester Examination	Total
L	T	P	C	CIA-1	CIA-2	CIA-3	CIA-4	Lab	Written	
4	-	-	4	15	15	10		-	60	100
Max. Time, End Semester Exam (Theory) -2Hrs.										

Prerequisite: Interest in understanding basic concepts and theories of public Finance

Course Objectives

1.	To get introduced to Public Finance and its basic concepts
2.	To make students acquainted with structure of public budget and taxation policy
3.	To introduce students to the various expenditure heads of the Government
4.	To help students understand the basic concepts of Public Debt
5.	To expose students to structure of Indian budget

Course Content

Unit No.	Content	Lectures
I: Introduction	Meaning and Scope of Public Finance; Public Finance versus Private Finance; Market Failure: Public Goods and Private Goods, Samuelson's Theory of Public Goods vs Private Goods Allocation, Externalities, Efficiency versus Equity; Principles of Sound Finance and Functional Finance; Allocation, Distribution, Stabilization and Growth Functions of the Government	15
II: Public Revenue	Dalton's and Musgrave Versions of the Law of Maximum Social Advantage; Role of Taxation; Merits and Demerits of Direct and	15

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	Indirect Tax Policy; Features of Good Tax System; Evaluation of the Indian Tax System; Sources of Public Receipts (Tax and Non-Tax, Introduction To GST); Concept of Impact, Incidence and Shifting of Taxation; Elasticity and Determination of Tax Burden, Buoyancy of tax, Fiscal Expansion and Contraction.	
III: Fiscal Policy: Public Expenditure and Debt	Canons of Public Expenditure; Classification of Public Expenditure; Wagner's Law of Public Expenditure, Wiseman, and Peacock Hypothesis; Policy; Components of Indian Public Expenditure; Meaning and Types of Public Debt; Sources of Public Borrowing and Debt Liabilities Burden of Public Debt; Principles of Public Debt Management; Concepts of Deficits.	15
IV: Indian Public Finance	Budget analysis of The Government of India; budgetary allocations to different sectors and schemes; Deficits; Fiscal Federalism: Horizontal and Vertical imbalances, Fifteenth Finance Commission Recommendations.	15
Total No. of Lectures		60

Beyond the Syllabus

Use of Case studies, Presentations

Semester III: Public Finance (Paper Pattern)

Duration: 2 hours

Marks: 60

Q.1 Brief Answers (2/3)	(Unit 1)	15 Marks
Q.2 Brief Answers (2/3)	(Unit 2)	15 Marks
Q.3 Brief Answers (2/3)	(Unit 3)	15 Marks
Q.4. Brief Answers (2/3)	(Unit 4)	15 Marks

Course Outcomes

Students should be able to...

CO1	Understand the basics of Public Finance
CO2	Understand the role of government in providing public goods and merit goods
CO3	Get acquainted with various sources of revenue to the government
CO4	Develop an insight into public debt, its impact and management
CO5	Understand Fiscal responsibility, Fiscal Federalism and the role of Finance Commissions

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Syllabus Prepared by:

Dr. Vaishali Dhammapathee, Head and Associate Professor, Department of Economics

Ms. Trishna Saraf, Assistant Professor, Department of Economics

Recommended Resources

Reference Books

1. Bhatia H.L., Public Finance, 29th Edition, Vikas Publishing House
2. Harvey Rosen, (2007), Public Finance, Seventh Edition, McGraw Hill Publications.
3. J. Hendriks, G. Myles, (2006), Intermediate Public Economics, MIT Press.
4. Kaushik Basu and Maertens (ed), (2013), The New Oxford Companion to Economics in India, Oxford University Press.
5. Report of the Fourteenth Finance Commission, Government of India.
6. Sury M.M., (1990), Government Budgeting in India, Commonwealth Publishers.
7. Ministry of Finance, Government of India. (2024, March). Economic Survey 2022-23. Retrieved from Government of India Website: <https://www.indiabudget.gov.in/economicsurvey/>
8. Ministry of Finance, Government of India. (2024, March). Budget Highlights (Key Features). Retrieved from India Budget: <https://www.indiabudget.gov.in/>
9. Reserve Bank of India. (2024, March). Database on Indian Economy. Retrieved from Centralised information Management System: <https://cimfdbie.rbi.org.in/DBIE/#/dbie/home?site=home>
10. Reserve Bank of India. (2024, March). Home : DBIE. Retrieved from Database on Indian Economy: <http://dbie.rbi.org.in/DBIE/dbie.rbi?site=home>
11. Ministry of Statistics and Programme Implementation. (2024). Data : MoSPI. Retrieved from MoSPI: <http://mospi.nic.in/data>
12. Reserve Bank of India. (2024). Annual Publications. Retrieved from Handbook of Statistics: <https://m.rbi.org.in/Scripts/AnnualPublications.aspx?head=Handbook%20of%20Statistics%20on%20Indian%20States>

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**Syllabus for SYBA
(June 2024 Onwards)**

Program: BA

Semester 3

Course: Econometrics I

Course Code	Paper Title	Credit
VGUVAVSE301	Econometrics I	02

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Syllabus as per Choice Based Credit System

i) Name of the Programme	:	S.Y.B.A. Economics
ii) Course Code	:	VGUVAVSE301
iii) Course Title	:	Econometrics I
iv) Semester wise Course Contents	:	Copy of the syllabus enclosed
v) References and additional references	:	Enclosed in the Syllabus
vi) Credit structure	:	
No. of Credits per Semester	:	02
vii) No. of lectures per Unit	:	10
viii) No. of lectures per week	:	03
ix) No. of Tutorial per week	:	---
2 Scheme of Examination	:	Semester End Exam:60 marks (4 Questions of 15 marks) Internal Assessment 40 marks: Test 15 marks, Project/ Assignment 15 marks Class Participation: 10 marks
3 Special notes, if any	:	No
4 Eligibility, if any	:	As laid down in the College Admission brochure / website
5 Fee Structure	:	As per College Fee Structure specifications
6 Special Ordinances / Resolutions, if any	:	No

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Programme: SYBA					Semester: III						
Course: Econometrics I (VSEC)					Course Code: VGVUAVSE301						
Teaching Scheme (Hrs/Week)				Continuous Internal Assessment (CIA) 40 marks					End Semester Examination		Total
L	T	P	C	CIA-1	CIA-2	CIA-3	CIA-4	Lab	Written		
4	-	-	3	15	15	10		-	60		100
Max. Time, End Semester Exam (Theory) -2Hrs.											

Prerequisite: An inclination towards learning the fundamentals of Statistics

Course Objectives

1.	To introduce the students to the fundamentals of economic statistics and econometrics.
2.	To introduce the students to basic econometric tools and concepts.
3.	To get them acquainted with various methods of econometric calculations
4.	To inculcate the idea of application of concepts along with theoretical understanding

Course Content

Unit No.	Content	Lectures
I: INTRODUCTION TO ECONOMETRICS AND NATURE OF REGRESSION ANALYSIS	What is econometrics? -nature and scope; methodology of economics - statement of theory, specification of mathematical model, specification of the econometric model, obtaining data, estimation of the econometric model, hypothesis testing, forecasting or prediction and use of model for policy purposes; types of econometrics: theoretical, applied; Mathematical and statistical prerequisites; role of the computer. Nature of regression analysis: Historical origin of the term regression, modern interpretation of regression, statistical versus deterministic relationships, regression versus causation, regression versus correlation, nature and sources of data for economic analysis.	10

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<p>II: TWO-VARIABLE REGRESSION MODEL</p>	<p>Meaning-with a hypothetical example, regression lines, regression coefficients, regression equations, OLS Estimators Analysis of Time Series and Panel (Fixed and Random Models): components, trend analysis, moving averages (3, 4 and 5 yearly). The concept of Population Regression function (PRF); Linearity in variables and parameters; stochastic specification of PRF: significance of the stochastic disturbance term; Sample Regression Function (SRF). Method of Ordinary Least Squares (OLS): assumptions underlying OLS (the classical linear regression model), Gauss -Markov Theorem (BLUE Indicators) Coefficient of determination (R^2) and "goodness of fit".</p>	<p style="text-align: center;">10</p>
<p>III: CLASSICAL NORMAL LINEAR REGRESSION MODEL (CNLRM): INTERVAL ESTIMATION AND HYPOTHESIS TESTING IN 2 VARIABLE REGRESSION</p>	<p>Normality assumption for stochastic error term, properties of OLS estimators under normality assumption, method of maximum likelihood (MLE); Interval Estimation: Some Basic Ideas, Confidence Intervals for Regression Coefficients β_1 and β_2, Confidence Interval for σ_2 ; hypothesis testing : one and two tail test, test of significance approach; The Meaning of "Accepting" or "Rejecting" a Hypothesis, Forming the Null and Alternative Hypotheses, choosing the level of significance, Type I and Type II errors, interpreting the P-value, reporting and evaluating the results of regression analysis; ANOVA and regression analysis.</p>	<p style="text-align: center;">10</p>
<p>Total No. of Lectures</p>		<p style="text-align: center;">30</p>

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Beyond the Syllabus

Data extraction, analysis on MS-Excel. Application of Econometric concepts with real life data.

Semester III: Market Research Techniques I (Paper Pattern)

Duration: 2 hours **Marks: 60**

Q.1 Brief Answers (2/3)	(Unit 1)	20 Marks
Q.2 Brief Answers (2/3)	(Unit 2)	20 Marks
Q.3 Brief Answers (2/3)	(Unit 3)	20 Marks

Course Outcomes

Students should be able to...

CO1	Understand the basics about Econometrics, economic statistics, econometrics, and have greater confidence in its application.
CO2	Students will learn the basics of ordinary least squares model estimation, with its advantages and disadvantages.
CO3	Students will gain insights into the relationship between econometric estimation and diagnostic testing.
CO4	Understand the applications of the econometrics knowledge.

Syllabus Prepared by:

Dr. Vaishali Dhammapathee, Head and Associate Professor, Department of Economics
 Ms. Trishna Saraf, Assistant Professor, Department of Economics

Recommended Resources

Reference Books

- 1) Goon, A. M., M. K. Gupta and B. Dasgupta (1993) Fundamentals of Statistics, Vols I & 2, The World Press Ltd. Calcutta.
- 2) Gujarati D. Basic Econometrics, 4th & 5th ed, Mc Graw Hill, New Delhi.
- 3) Johnston and Dinardo (1998), Econometric Methods, Mc Graw Hill.
- 4) Maddala (1997), Econometrics, Mc Graw Hill,
- 5) N.Y. Millar, J. (1996) Statistics for Advanced Level, Cambridge University Press, Cambridge.
 Cameron, A. C. and P. K. Triverdi (2005), Microeconometrics: Methods and Applications, Cambridge University Press.
- 6) Eliason, Scott R. 1993. Maximum Likelihood Estimation: Logic and Practice. Thousand Oaks, CA: Sage.
- 7) Gupta S.C. and Kapoor V.K. (2014), Fundamentals of Mathematical Statistics, Sultan Chand and Sons.

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**Syllabus for SYBA
(June 2024 Onwards)**

Program: BA

Semester 4

Course: Macroeconomics II

Course Code	Paper Title	Credit
VGUVAMECO401	Macroeconomics II	04

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Syllabus as per Choice Based Credit System

i) Name of the Programme	:	S.Y.B.A. Economics
ii) Course Code	:	VGUVAMECO401
iii) Course Title	:	Macroeconomics II
iv) Semester wise Course Contents	:	Copy of the syllabus enclosed
v) References and additional references	:	Enclosed in the Syllabus
vi) Credit structure	:	
No. of Credits per Semester	:	04
vii) No. of lectures per Unit	:	15
viii) No. of lectures per week	:	04
ix) No. of Tutorial per week	:	---
2 Scheme of Examination	:	Semester End Exam:60 marks (4 Questions of 15 marks) Internal Assessment 40 marks: Test 15 marks, Project/ Assignment 15 marks Class Participation: 10 marks
3 Special notes, if any	:	No
4 Eligibility, if any	:	As laid down in the College Admission brochure / website
5 Fee Structure	:	As per College Fee Structure specifications
6 Special Ordinances / Resolutions, if any	:	No

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Programme: SYBA	Semester: IV
Course: Economics II	Course Code: VGVUAMECO401

Teaching Scheme (Hrs/Week)				Continuous Internal Assessment (CIA) 40 marks					End Semester Examination	Total
L	T	P	C	CIA-1	CIA-2	CIA-3	CIA-4	Lab	Written	
3	-	-	3	15	15	10		-	60	100
Max. Time, End Semester Exam (Theory) -2Hrs.										

Prerequisite:

Course Objectives	
1.	To get students introduced to the fundamentals of Monetary Policy and its role in the Economy
2.	To get students acquainted with Fiscal Policy and its impact on the functioning of the Economy
3.	To expose students to the Post-Keynesian literature in Economics
4.	To help students understand the basics of Exchange Rate
5.	To expose students to the Indian external sector.

Course Content		
Unit No.	Content	Lectures
I: THE GOODS MARKET AND THE IS- CURVE	Keynesian cross, planned expenditure, economy in equilibrium, fiscal policy, and multiplier: government purchases and taxes. Interest rates investment and the IS- curv; Factors determining the slope of the IS curve; how fiscal policy shifts the IS- curve. Loanable funds interpretation of the IS-curve.	15
II : MONEY MARKET AND THE LM-CURVE	Income, money demand and the LM -curve; Factors determining the slope of LM Curve; How monetary policy shifts the LM curve? Short run equilibrium of the economy: interaction of the IS and LM curves; Explaining fluctuations with the IS-LM model; Fiscal policy, monetary policy and interaction	

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	between fiscal and monetary policy. Effectiveness of monetary and fiscal policy, elasticity of LM curve.	
III: FOREIGN EXCHANGE MARKET	Foreign Exchange Market: Determination of Exchange Rate: Fixed and Flexible Exchange Rate; Spot and Forward Exchange rate – Exchange rate policy: Overview of Exchange rate policy in India. Effects of changes in exchange rate in the economy: devaluation and balance of trade : the J-curve concept, currency convertibility (complete and partial convertibility).	15
IV: BALANCE OF PAYMENTS	Balance of Payments: Structure, Disequilibrium in Balance of Payments, Types, Causes and Measures to Correct Balance of Payments Disequilibrium; Balance of Payments Crisis in India: Causes, Policy Measures, Change in the Nature, and direction of India's International Trade.	15
Total No. of Lectures		60

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Beyond the Syllabus

Use of Case studies, Presentations, Discussion of relevant newspaper articles and research papers, Discussion of Budget and Monetary Policy

Semester IV: Macroeconomics II (Paper Pattern)

Duration: 2 hours

Marks: 60

Q.1 Brief Answers (2/3)	(Unit 1)	15 Marks
Q.2 Brief Answers (2/3)	(Unit 2)	15 Marks
Q.3 Brief Answers (2/3)	(Unit 3)	15 Marks
Q.4. Brief Answers (2/3)	(Unit 4)	15 Marks

Course Outcomes

Students should be able to...

CO1	Understand IS-LM framework
CO2	Develop a deeper understanding about the effectiveness and relevance of monetary policy.
CO3	Develop a deeper understanding about the effectiveness and relevance fiscal policy
CO4	Understand the working of foreign exchange markets
CO5	Understand the structure of BOP and BOP disequilibrium.

Syllabus Prepared by:

Dr. Vaishali Dhammapathee, Head and Associate Professor, Department of Economics
 Ms. Trishna Saraf, Assistant Professor, Department of Economics

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Recommended Resources

**Reference
Books**

1. N. Gregory Mankiw, (2015), Principle of Macroeconomics, 7th edition, Cengage Learning.
2. Abel A. B. B. S. Bernanke and D. Croushore (2011), Macroeconomics, Pearson, New Delhi.
3. Ahuja H. L., (2016), Macroeconomics theory and Policy, 20th Edition S. Chand and company Ltd. New Delhi.
4. Dwivedi D.N., (2018), Macroeconomics theory and Policy, 5th Edition TATA McGraw - Hill Publication company Ltd. Delhi.
5. Dornbusch R., Fischer S. and Startz, (2017) (Indian Edition), Macroeconomics Delhi: McGraw Hill Publication.
6. Paul Samuelson and William Nordhaus, (2019), Economics, 20th Edition McGraw Hill Publication.
7. Blanchard, O. (2012). *Macroeconomics* (5th ed.). Prentice Hall.
8. Chakravarty, S. K. (2012). *Macroeconomics*. Himalaya Publishing House.
9. Cherunilam, F. (2020). *International Economics* (6th ed.). Tata McGraw-Hill.
10. D'Souza, E. (2009). *Macroeconomics*. Pearson Education.
11. Froyen, R. (2012). *Macroeconomics: Theory and Policy* (10th ed.). Pearson Education.
12. NCERT. (n.d.). *National Income Accounting*. Retrieved from NCERT: <https://ncert.nic.in/ncerts/leec102.pdf>

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**Syllabus for SYBA
(June 2024 Onwards)**

Program: BA

Semester 4

Course: Indian Economy

Course Code	Paper Title	Credit
VGUAMECO402/ VGUANECO402	Indian Economy	04

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Syllabus as per Choice Based Credit System

i) Name of the Programme	:	S.Y.B.A. Economics
ii) Course Code	:	VGUVAMECO402/ VGUVANEEO402
iii) Course Title	:	Indian Economy
iv) Semester wise Course Contents	:	Copy of the syllabus enclosed
v) References and additional references	:	Enclosed in the Syllabus
vi) Credit structure	:	
No. of Credits per Semester	:	04
vii) No. of lectures per Unit	:	15
viii) No. of lectures per week	:	04
ix) No. of Tutorial per week	:	---
2 Scheme of Examination	:	Semester End Exam:60 marks (4 Questions of 15 marks) Internal Assessment 40 marks: Test 15 marks, Project/ Assignment 15 marks Class Participation: 10 marks
3 Special notes, if any	:	No
4 Eligibility, if any	:	As laid down in the College Admission brochure / website
5 Fee Structure	:	As per College Fee Structure specifications
6 Special Ordinances / Resolutions, if any	:	No

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Programme: SYBA	Semester: III
Course : Economics III	Course Code : VGVUAMECO402/ VGVUANECO402

Teaching Scheme (Hrs/Week)				Continuous Internal Assessment (CIA) 40 marks					End Semester Examination	Total
L	T	P	C	CIA-1	CIA-2	CIA-3	CIA-4	Lab	Written	
3	-	-	3	15	15	10		-	60	100
Max. Time, End Semester Exam (Theory) -2Hrs.										

Prerequisite: Interest in understanding macroeconomic aspects of Indian Economy

Course Objectives

1.	To understand the nature and sectoral composition of the Indian Economy
2.	To get acquainted with structural changes in the Indian Economy
3.	To introduce students to the Agricultural Sector and food security issue
4.	To give students an overview of the industrial and service sector in India
5.	To introduce students to the impact of COVID 19 Pandemic on Indian Economy.
6.	To explain various challenges faced by the Indian economy as a whole.

Course Content

Unit No.	Content	Lectures
I: Introduction	Trends in India's National Income and PCI Since 1990; Structural Changes in Indian Economy. Regional Inequalities; Measures to Reduce Regional Inequalities in India; Gross State Domestic Product and Per Capita Income of States and state HDI's. Brief Overview of the Employment Generation and Poverty Alleviation Programs; Health and Education- Current Status and Measures to improve outcomes.	15

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<p>II: Agricultural Sector</p>	<p>Role of Agriculture in Economic Development; Issues in Indian Agriculture. Agricultural Price Policy: Recent Minimum Support Price Policy; Income Support for Farmers Sources of Agricultural Finance; Micro Finance; NABARD- Role and Function.</p> <p>Agrarian Crisis- A Case Study of Maharashtra; National Policy for Farmers, 2007; Organic Farming Policy; Food Security in India .</p>	<p style="text-align: center;">15</p>
<p>III: Industrial and Service Sectors</p>	<p>Industry: Industrial Policy of 1991: Features and Evaluation. Micro, Small and Medium Enterprises (MSMEs): Classification, Role, and Policy Measures for MSME development.</p> <p>Service Sector: Role of Service Sector in Indian Economy, Growth and Performance of Healthcare; Performance of Trade and Tourism, Information Technology, and IT - Enabled Services; Industrial Revolution 4.0</p>	<p style="text-align: center;">15</p>
<p>IV: Recent Challenges of the Economy</p>	<p>Covid 19 Pandemic: Spread of Pandemic in India, Policy Dilemmas Underlying Covid-19, Indian Economy on The Path of a Resilient V-Shaped Trajectory, Policy Response to Covid-19, V-Shaped Economic Recovery.</p> <p>Urbanization: Migration and the issues associated with it. Problem of Slums and policy for slums.</p> <p>Inclusive growth: need, challenges, implications, issues of social security and the labor market.</p>	<p style="text-align: center;">15</p>
Total No. of Lectures		60

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Beyond the Syllabus

Use of Case studies, Presentations

Semester IV: Indian Economy (Paper Pattern)

Duration: 2 hours

Marks: 60

Q.1 Brief Answers (2/3)	(Unit 1)	15 Marks
Q.2 Brief Answers (2/3)	(Unit 2)	15 Marks
Q.3 Brief Answers (2/3)	(Unit 3)	15 Marks
Q.4. Brief Answers (2/3)	(Unit 4)	15 Marks

Course Outcomes

Students should be able to...

CO1	Learn about recent developments in the Indian Economy
CO2	Learn about regional inequalities in India and policies to overcome them
CO3	Get acquainted with agrarian crisis in India
CO4	Understand the performance and the issues of the industrial sector in the country
CO5	Develop an insight into the role of Service Sector in the Indian Economy

Syllabus Prepared by:

Dr. Vaishali Dhammapathee, Head and Associate Professor, Department of Economics
Ms. Trishna Saraf, Assistant Professor, Department of Economics

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Recommended Resources

Reference Books

1. Bekmurzaeva, R., & Kovalev, G. (2023). Industry 4.0 : The Fourth Industrial Revolution. *SHS Web of Conferences*, 36-55.
2. Brahmananda, P., & V.R., P. (2001). *Development Experience in the Indian Economy: Inter-State Perspectives*. New Delhi: Bookwell.
3. Datt, R., & Sundaram, K. (2017). *Indian Economy*. New Delhi: S. Chand & Company Ltd.
4. Kapila, U. (2019). *Indian Economy: Performance and Policies*. New Delhi: Academic Foundation.
5. Madhani, P. (2010). India - A Dominant Global Outsourcing Hub :SWOT Analysis of Emerging Technology Sectors. *Researchgate*.
6. Mahajan, A., & Dutt, G. (2018). *Indian Economy*. New Delhi: S. Chand and Company. Retrieved from o https://www.researchgate.net/publication/47669218_India_-_A_Dominant_Global_Outsourcing_Hub_SWOT_Analysis_of_Emerging_Technology_Sectors
7. Ministry of Finance, Government of India. (2024, March). *Economic Survey 2022-23*. Retrieved from Government of India Website: <https://www.indiabudget.gov.in/economicsurvey/>
8. Ministry of Finance, Government of India. (2024, March). *Budget Highlights (Key Features)*. Retrieved from India Budget: <https://www.indiabudget.gov.in/>
9. Reserve Bank of India. (2024, March). *Database on Indian Economy*. Retrieved from Centralised information Management System: <https://cimsdbie.rbi.org.in/DBIE/#/dbie/home?site=home>
10. Reserve Bank of India. (2024, March). *Home : DBIE*. Retrieved from Database on Indian Economy: <http://dbie.rbi.org.in/DBIE/dbie.rbi?site=home>
11. Ministry of Statistics and Programme Implementation. (2024). *Data : MoSPI*. Retrieved from MoSPI: <http://mospi.nic.in/data>
12. Reserve Bank of India. (2024). *Annual Publications*. Retrieved from Handbook of Statistics: <https://m.rbi.org.in/Scripts/AnnualPublications.aspx?head=Handbook%20of%20Statistics%20on%20Indian%20States>

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**Syllabus for SYBA
(June 2020 Onwards)**

Program: BA

Semester 4

Course: Econometrics II

Course Code	Paper Title	Credit
VGUVAVSE401	Econometrics II	02

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Syllabus as per Choice Based Credit System

i) Name of the Programme	:	S.Y.B.A. Economics
ii) Course Code	:	VGUVAVSE401
iii) Course Title	:	Econometrics II
iv) Semester wise Course Contents	:	Copy of the syllabus enclosed
v) References and additional references	:	Enclosed in the Syllabus
vi) Credit structure	:	
No. of Credits per Semester	:	02
vii) No. of lectures per Unit	:	10
viii) No. of lectures per week	:	03
ix) No. of Tutorial per week	:	---
2 Scheme of Examination	:	Semester End Exam:60 marks (4 Questions of 15 marks) Internal Assessment 40 marks: Test 15 marks, Project/ Assignment 15 marks Class Participation: 10 marks
3 Special notes, if any	:	No
4 Eligibility, if any	:	As laid down in the College Admission brochure / website
5 Fee Structure	:	As per College Fee Structure specifications
6 Special Ordinances / Resolutions, if any	:	No

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Programme: SYBA	Semester: IV
Course: Econometrics II (VSEC)	Course Code: VGVUAVSE401

Teaching Scheme (Hrs/Week)				Continuous Internal Assessment (CIA) 40 marks					End Semester Examination	Total
L	T	P	C	CIA-1	CIA-2	CIA-3	CIA-4	Lab	Written	
4	-	-	3	15	15	10		-	60	100
Max. Time, End Semester Exam (Theory) -2Hrs.										

Course Objectives

1.	To introduce the students to Fundamentals of Econometric Tools
2.	To understand Economic Applications of the Basic Concepts of Econometrics
3.	To understand the Research/data analysis-related Applications of the Econometric Concepts
4.	To perform Data analysis and interpretation of results based on econometric concepts.

Prerequisite: Basic understanding about the Economic Applications of Mathematical Tools

Course Content		
Unit No.	Content	Lectures
I: MULTIPLE REGRESSION ANALYSIS	The Three-Variable Model: Notation, Assumptions, and interpretation; Partial Regression Coefficients, OLS and ML Estimation of the Partial Regression Coefficients; The Multiple Coefficient of Determination R^2 and the Multiple Coefficient of Correlation R , Simple Regression in the Context of Multiple Regression, R^2 and the Adjusted R^2	10
II: PROBLEM OF INFERENCE IN MULTIPLE REGRESSION ANALYSIS	Normality Assumption, Hypothesis Testing in Multiple Regression; Testing the Overall Significance of the Sample Regression – F- test, t-test. Structural or Parameter Stability of Regression Models: The Chow Test.	10

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	Dummy Variables in Regression : nature and use.	
III. VIOLATIONS OF CLASSICAL ASSUMPTIONS AND REMEDIES	Multicollinearity – Meaning, Problems created by its Presence, Testing for its presence, Estimating Methods in its Presence. Heteroscedasticity – Meaning, Problems created by its Presence, Testing for its presence, Estimating Methods in its Presence. Auto-correlation – Meaning, Problems created by its Presence, Testing for its presence, Estimating Methods in its Presence.	10
	TOTAL	30

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Beyond the Syllabus

Carrying out surveys and analyzing the data so collected with the help of various quantitative techniques

Semester IV: Market Research Technique (Paper Pattern)

Duration: 2 hours **Marks: 60**

Q.1 Brief Answers (2/3)	(Unit 1)	15 Marks
Q.2 Brief Answers (2/3)	(Unit 2)	15 Marks
Q.3 Brief Answers (2/3)	(Unit 3)	15 Marks
Q.4. Brief Answers (2/3)	(Unit 4)	15 Marks

Course Outcomes

Students should be able to...

CO1	Learn about various Econometric Tools and its Economic Applications
CO2	Understand Multiple Regression analysis and its applications.
CO3	To understand the implications of relaxing the assumptions
CO4	To develop analytical thinking along with theoretical understanding of Economic Concepts
CO5	Carry out a research project on his own

Syllabus Prepared by:

Dr. Vaishali Dhammapathee, Head and Associate Professor, Department of Economics
 Ms. Trishna Saraf, Assistant Professor, Department of Economics

Recommended Resources

Reference Books

- 1) Goon, A. M., M. K. Gupta and B. Dasgupta (1993) Fundamentals of Statistics, Vols I & 2, The World Press Ltd. Calcutta.
- 2) Gujarati D. Basic Econometrics, 4th & 5th ed, Mc Graw Hill, New Delhi.
- 3) Johnston and Dinardo (1998), Econometric Methods, Mc Graw Hill.
- 4) Maddala (1997), Econometrics, Mc Graw Hill,
- 5) N.Y. Millar, J. (1996) Statistics for Advanced Level, Cambridge University Press, Cambridge.
Cameron, A. C. and P. K. Triverdi (2005), Microeconometrics: Methods and Applications, Cambridge University Press.
- 6) Eliason, Scott R. 1993. Maximum Likelihood Estimation: Logic and Practice. Thousand Oaks, CA: Sage.
- 7) Gupta S.C. and Kapoor V.K. (2014), Fundamentals of Mathematical Statistics, Sultan Chand and Sons.

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