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 TYBA

(June 2024 Onwards)

Program: BA

Semester 5

Course: Microeconomics III

Course Code	Paper Title	Credit
AECO501	Microeconomics III	4

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

1.Syllabus as per Choice Based Credit System

i) Name of the Programme	:	T.Y.B.A. Economics
ii) Course Code	:	AECO501
iii) Course Title	:	Microeconomics III
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	:	12
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

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

Programme: TYBA	Semester: V
Course:Microeconomics III	Course Code: AECO501

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: Basic understanding of Microeconomics concepts learnt in the Microeconomics I and II

Course Objectives	
1.	To give a deeper understanding about the Imperfect Market Structures
2.	To give an understanding about the working of Monopoly
3.	To get students acquainted with basics of Game Theory
4.	To help students understand the price and output determination under Oligopoly
5.	To introduce students to the idea of General Equilibrium and Welfare Economics

Course Content		
Unit No.	Content	Lectures
I: Monopoly	Calculation of price, output and profit for a monopoly-Price discrimination: First, Second and Third degree-Public policy towards monopoly Bilateral, Multiplant Monopoly	12
II: Oligopoly	Prisoner's Dilemma– Dominant strategy equilibrium – Battle of sexes game – Nash equilibrium, The Cournot model Kinked demand curve model – Collusion and Cartels:Case Studies – Price Leadership: Case Studies	12

III: General Equilibrium and Welfare Economics	Interdependence in the Economy – General Equilibrium and its Existence -The Pareto Optimality Condition of Social Welfare, Marginal Conditions for Pareto Optimal Resource Allocation. Perfect Competition and Pareto Optimality – Kaldor-Hicks Compensation Criterion – Arrow's Impossibility Theorem.	12
IV: Information Economics	Economics of Search and Search Cost - The Theory of Asymmetric Information-The Market for Lemons and Adverse Selection - Risk Preference and Expected Utility - The Problem of Moral Hazard - Market Signalling - Principal-Agent Problem	12
	Total No. of Lectures	48

Beyond the Syllabus
Use of Case studies, Presentations,

Semester V: Microeconomics 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 price discrimination in monopoly and the inefficiencies associated with it
CO2	Know about the basics of Game theory and its applications in real world
CO3	Understand the working of Cartels
CO4	Develop an understanding about the basics of Welfare Economics

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) Gibbons, R. (2008). *A Primer in Game Theory.* United Kingdom: Harvester Wheatsheaf. 2) Koutsoyiannis, A. (1979). *Modern Microeconomics (2nd Edition) .* United States of America: St. Martin's Press, Inc. 3) Mankiw , G. (2015). *Principles of Microeconomics (7th Edition Edition).* United States of America: Cengage Learning. 4) Mansfield , E., & Yohe, G. (n.d.). *Microeconomics:Theory and Applications (11th Edition).* 5) Salvatore, D. (2008). *Microeconomics Theory and Applications (5th Edition).* Oxford University Press. 6) Sen , A. (2007). *Microeconomics:Thoery and Applications.* New Delhi: Oxford University Press. 7) Varian, H. R. (2010). *Intermediate Economics (8th Edition).* New Delhi: Springer Pvt Ltd.

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 TYBA

(June 2024 Onwards)

Program: BA

Semester 5

Course: Economics of Development

Course Code	Paper Title	Credit
AECO502	Economics of Development	4

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

1.Syllabus as per Choice Based Credit System

i) Name of the Programme	:	T.Y.B.A. Economics
ii) Course Code	:	AECO502
iii) Course Title	:	Economics of Development
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	:	12
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

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

Programme: TYBA	Semester: V
Course: Economics of development	Course Code: AECO502

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: Basic understanding about the concepts of GDP, Poverty and Inequality

Course Objectives	
1.	To help the student understand the difference between growth and development
2.	To get students acquainted with the structural issues faced in the process of development
3.	To help the students learn about the quantitative measures to measure poverty and inequality
4.	To introduce students to the policy options existing to overcome the challenges in the process of development
5.	To help students understand the importance of appropriate technology in the process of development

Course Content		
Unit No.	Content	Lectures
I: Concepts of Economic Growth and Development	Meaning of Growth and Development – Distinction between growth & development– Concept of human development. HDI, GDI, PQLI, GEM- Sustainable development – Gross National Happiness – Three core values of development – Capability Approach. Millennium Development Goals (MDGs)- Initiative by Indian government towards MDGs.	12
II: Theories of Economic Development	Rostow's Stages of Growth Big push theory – Theory of human capital, Leibenstein Critical Minimum Effort Thesis, Harrod Domar Growth Model, Lewis Model of unlimited supply of Labour, Ragnar Nurkse Theory of Disguised Unemployment, Schumpeter's Theory of Development, Dual Economy Models of Growth Solow's Growth Model	12

III: Structural Issues in Development Process	Theory of Human Capital, Critical Evaluation of ICDS, NHM, SSA and Ayushmaan Bharat, Measures of poverty and inequality, IHDI and MPI – Kuznet's inverted U-hypothesis – Policy options for poverty alleviation and its exercise in India – Inclusive growth – Self Help Groups and Micro Finance.	12
IV: Technology and Economic Development	Role of Infrastructure in economic development –Role of technology in economic development, Types of technical progress –Schumacher's Concept of Intermediate/ Appropriate technology, Green technology- Blue Economy Meaning and Types of Economic Planning- Role of Planning in Economic Development	12
	Total No. of Lectures	48

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

Beyond the Syllabus
Use of Case studies, Presentations,

Semester V: Economics of Development (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	Get an insight about the deeper issues faced in the process of development
CO2	Get acquainted with the concepts of Human Development and also learn to measure a country's performance on those lines
CO3	Understand models that explain the structural changes that take place in an economy during development
CO4	Develop an analytical and scientific approach towards the issues of poverty and inequality
CO5	Learn about the new advancements in the area of appropriate and sustainable technology

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

Recommended Resources

<table>
<tr><td>Reference Books</td><td>

1. (2015). *A Quick Evaluation Study of Anganwadis under ICDS.* NITI Aayog.
2. Ahuja, H. L. (2016). *Development Economics.* New Delhi: S. Chand.
3. Gillsater, B. (2018). *The potential of the Blue Economy.* World Bank.
4. Hussain, D., & Khan , D. (2018). Nature and Scope of Sarva Shiksha Abhiyan (SSA) Scheme in India: A Critical Analysis. *The research journal of social sciences*, 10.
5. Khan , S. (2019). Ayushman Bharat Hurdles to Implementation One year On. *Economic and Political Weekly*.
6. Loughhead, S., Mittal, O., & Wood, G. (2001). *Urban Poverty and Vulnerability in India.* Department for International Development.
7. Mamoria, C. B., Joshi , R. L., & Mulla, N. I. (1979). *Principles and Practice of Marketing in India.* New Delhi: Kitab Mahal.
8. Meier , G. M., & Rauch, J. (2006). *Leading Issues in Economic Development.* New Delhi: Oxford University Press.
9. Meier, G. M., & Baldwin, R. (1957). *Economic Development: Theory, History and Policy .* New York: Wiley Publishers.
10. (n.d.). *Ocean Based Blue Economy: An insight into the Sagar as the last growth frontier.* NITI Aayog.
11. *Oxford Poverty and Human Development Initiative.* (n.d.). Retrieved from Bhutan's Gross National Happiness Index: https://ophi.org.uk/policy/gross-national-happiness-index/
12. Prato, S. (2015). The Struggle for Equity: Rights, food sovereignty and the rethinking of modernity.
13. Ray , D. (1999). *Development Economics.* Delhi: Oxford India Paperbacks.
14. Sinha, F. (2009). *Microfinance Self-Help Groups in India.* England: Practical Action Publishing.
15. Thirwall, A. P. (2011). *Growth and Development.* New York: Palgrave MacMillan.
16. Todaro , M. P., & Smith, S. C. (2017). *Economic Development.* Delhi: Pearson Education.
17. Ura , K., Alkire , S., Zangmo, T., & Wangdi, K. (2012). *An Extensive Analysis of Gross National Happiness Index.* Bhutan: Centre For Bhutan Studies.
18. Vellakkal , S., Gupta , A., Khan, Z., Stuckler, D., Reeves, A., Ebrahim, S., . . . Doyle, P. (2016). Has India's national rural health mission reduced inequities in maternal health services? A pre-post repeated cross-sectional study. *Health Policy Plan*, National Library of Medicene.
19. Yadav , K., Nikhil, S. V., & Pandav , C. S. (2011). Urbanization and Health Challenges: Need to Fast Track Launch of the National Urban Health Mission. *Indian Journal of Community Medicene*, 5.

</td></tr>
</table>

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

Syllabus for TYBA

(June 2024 Onwards)

Program: BA

Semester 5

Course: Financial Economics

Course Code	Paper Title	Credit
AECO503	Financial Economics	3.5

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

1.Syllabus as per Choice Based Credit System

i) Name of the Programme	:	T.Y.B.A. Economics
ii) Course Code	:	AECO503
iii) Course Title	:	Financial Economics
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	:	3.5
vii) No. of lectures per Unit	:	12
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

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

Programme: TYBA	Semester: V
Course: Financial Economics	Course Code: AECO503

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 introduce students to economics of finance
2.	To introduce students to basic evaluation criteria of an asset
3.	To get students acquainted with the fundamental model of Capital Asset Pricing
4.	To introduce students to basic concepts of financial derivatives and their trading
5.	To get students acquainted with the fundamental principles of Corporate Finance

Course Content		
Unit No.	Content	Lectures
I: Investment and PortfolioAnalysis	Basic theory of interest, discounting & present value; internal rate of return, evaluation criteria, fixed income securities; bonds prices & yields. Term structure of interest rate, yield curves, spot & forward rates. Portfolio of assets, random asset returns, Mean variance portfolio analysis, The Markowitz Model.	12
II: CAPM	The capital Market line, the CAP Model, the beta of an asset & of a portfolio, security market line-Evaluation of CAPM	12
III: Options and Derivatives	Meaning, functions & types of derivatives - forward contracts, futures - forward & future prices, stock index futures, interest rate futures, futures for hedging. Options & Swaps and their types - Option market: call & put options, option trading strategies - spreads, straddles, strips & straps, strangles, the principle of arbitrage. Participants in derivatives market- hedgers, speculators,	12

	arbitrageurs.	
IV: Corporate Finance	Patterns of corporate financing: stock, debt, preferences, convertibles. Capital structure & the cost of capital, corporate debt & dividend policy, the Modigliani –Miller theorem.	12
	Total No. of Lectures	48

Beyond the Syllabus

Use of Case studies, Presentations, live screening of Stock Market and discussion based on it

Semester V: Financial Economics (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 Financial Assets and their Valuation
CO2	Learn about the characteristics of fixed income securities, their pricing and yields
CO3	Have an insight in the types of risks involved in financial markets and their impact on pricing of financial securities
CO4	Learn about the types of financial derivatives and trading strategies in futures and options
CO5	Understand about capital structure, cost of capital and corporate dividend policy

Recommended Resources	
Reference Books	1. Brealey, R., & Myers, S. (2012). *Pinciples of Coprate Finance (10th Edition).* New York United States: McGraw Hill. 2. Copeland, T., Weston, J., & Shastri, K. (2003). *Financial Theory and Corporate Policy.* United States: Prentice Hall. 3. Hull, J. C. (2005). *Futures and Other Derivatives.* London: Pearson Education. 4. Luenberger, D. (1997). *Investment Science.* United Kingdom: Oxford University Press. 5. Mullins, D. W. (n.d.). *Harvard Business Review.* Retrieved from Does the Capital Asset Pricing Model Work?: https://hbr.org/1982/01/does-the-capital-asset-pricing-model-work 6. Ross, S., & Jordan, B. (2005). *Fundamentals of Corporant Finance.* New York United States of America: McGraw Hill. 7. Sharpe, W., Alexander , G., & Bailey, J. (2003). *Investment.* India: Prentice Hall of India.

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

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 TYBA

(June 2024 Onwards)

Program: BA

Semester 5

Course: Research Methodology I

Course Code	Paper Title	Credit
AECO504	Research Methodology I	4

1.Syllabus as per Choice Based Credit System

i) Name of the Programme	:	T.Y.B.A. Economics
ii) Course Code	:	AECO504
iii) Course Title	:	Research Methodology 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	:	4
vii) No. of lectures per Unit	:	12
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

Programme: TYBA	Semester: V
Course: Research Methodology I	Course Code: AECO504

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: Knowledge of basic mathematical operations

Course Objectives	
1.	To introduce students to concepts and methods of economic research
2.	To get students acquainted with the types of research popularly used in Economics
3.	To give students an insight into the entire research process
4.	To introduce students to various sources of information available
5.	To give students an exposure to basic quantitative analytical tools

Course Content		
Unit No.	Content	Lectures
I: Introduction to Concept of Research	Nature, Scope & Purpose of social research - Basic assumptions of research - Significance and objectivity in social sciences research - Types of research: pure & applied research; formulative or exploratory research; descriptive research, historical research, experimental research, survey research - Ethical issues and major difficulties relating to research	12

II: Elements of Research Methodology	Steps in Research process: Identification, selection and formulation of research problem – sources of research problem – criteria of a good research problem - Review of literature - Formulation of hypothesis - Preparing Research Design: Definition, Concepts, and types– exploratory, descriptive and diagnostic, experimental and Analytical research designs – Collection and analysis of the data - Interpretation and report writing. Use of advanced search techniques. Research Proposal Writing	12
III: Sources of Data for Research	**Types of data sources**: Primary and Secondary - **PrimaryData**-Meaning and Collection methods - Observational method - Interview technique - Design of Schedule and Questionnaire - Survey method and Field Visits - Case Study as a method. Focus Group Discussion **Major Sources of Secondary data**: Meaning, advantages,Relevance, limitations and cautions of secondary data. **Sampling Technique**: Census and sample survey-Essentials of a good Sampling - Advantages and limitations of sampling, Methods of sampling: Random sampling : Simple or Unrestricted Random Sampling-Mixed or Stratified Random Sampling, Systematic or Quasi Random sampling – Multistage or Cluster Random Sampling - Sequential Random Sampling, Non random sampling : Judgement or Purposive sampling– Convenience sampling, accidental sampling – Quota sampling, Selecting an appropriate sampling technique-Sampling and Non-sampling errors - Sample size. **Data Triangulation: Scope and Various Methods**	12
IV: Processing and Analysis of Data	Classification, Tabulation and Graphical presentation of socio-economic data - An introduction to Statistical Analytical Tools – Measures of Central Tendency – Measures of Variation: absolute and relative measures – Quartile deviation, standard deviation, coefficient of variation- Skewness: meaning and Measurement (Karl Pearson's and Bowley's methods) - Basics of Excel in Data organization & Data Processing, Introduction to spreadsheet application, features and functions, Using formulae and functions, Data sorting, Features for Statistical data analysis, Graphical representation of data, Generating charts/ graph and other features.	12
	Total No. of Lectures	48

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

Beyond the Syllabus

Collecting data and analyzing with the learned statistical techniques in the syllabus

Semester V: Research Methodology I (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 research along with the ethics and principles involved in the process of research
CO2	Get an insight into the process of research and be able to follow the same in actual research
CO3	Learn about various sources of data and also learn to use the one most relevant to a given type of research
CO4	Understand and apply the basic statistical tools popularly used in the economics research like the measures of central tendency and measures of variation
CO5	Get a hands-on training in the use of computers to carry out research a

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

Recommended Resource	
Reference Books	1. Goode, W. J., & Hatt, P. K. (1952). *Methods in Social in Research.* New York United States: McGraw Hill. 2. Gupta, S. (2014). *Statistical Methods.* New Delhi: Sultan Chand and Sons. 3. Kothari, C. R. (2019). *Research Methodology: An Introduction (4th Edition) .* New Delhi: New Age. 4. Krishnaswami , O., & Ranganatham , M. (2016). *Methodology of Research in Social Sciences.* Mumbai: Himalayan Publishing House. 5. Rajaram, V. (2014). *Fundamentals of Computers (6th Edition).* New Delhi: Prentice Hall of India. 6. Saravanavel, P. (2015). *Research Methodology.* Allahabad: KitabMahal.

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 TYBA

(June 2024 Onwards)

Program: BA

Semester 5

Course: Environmental Economics

Course Code	Paper Title	Credit
AECO505	Environmental Economics	4

1.Syllabus as per Choice Based Credit System

i) Name of the Programme	:	T.Y.B.A. Economics
ii) Course Code	:	AECO505
iii) Course Title	:	Environmental Economics
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	:	4
vii) No. of lectures per Unit	:	12
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

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

6 Special Ordinances / Resolutions, if any :   No

Programme: TYBA	Semester: V
Course: Environmental Economics	Course Code: AECO505

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: Knowledge of basic environmental issues

Course Objectives	
1.	To introduce students to concepts of environmental economics
2.	To give an overview of the criteria for evaluating environmental policies
3.	To give an understanding about the Environmental Policy in India
4.	To help students learn the techniques of valuation of Environmental Resources
5.	To give students an exposure to the Global environmental concerns

Course Content		
Unit No.	**Content**	**Lectures**
I: Introduction to Environmental Economics	Introduction to environmental development and environmental economics, Environmental Kuznets Curve; Common resources, externalities and property rights; Coase Theorem;Rio- Declaration on environmental development, Agenda 21 programme of action for sustainable development, Social and	12

	economic dimensions, Conservation and management of resources for development.	
II: Design and Implementation of Environmental Policy	Overview - Criteria for evaluating environmental policies; Standards, Pigouvian taxes and effluent fees, tradable permits, choice between taxes and quotas, implementation of environmental policy- Environmental Policy in India	12
III: Measuring Benefits of Environmental Improvements	Economic value of Environment- Use and Non-use values -Measurement method: -market based and non-market- b a s e d methods: contingent valuation method, travel cost method, hedonic price method- risk assessment and perceptions- Case Studies	12
IV: Environmental Problems	The global environment- Trans-boundary environmental problems- economics of climate change- International environmental Agreements Energy Crisis - Challenges of urbanization, International environmental agreements.	12
	Total No. of Lectures	48

Beyond the Syllabus
Finding out the environmental issues in nearby localities, analyzing it to find possible solutions

Semester V: Environmental Economics		
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	Approach the environmental concerns in a more structured and scientific manner
CO2	Understand the socio-economic dimensions of environmental conservation
CO3	Evaluate environmental policy and its implementation in India and around the world
CO4	Learn the basic analytical tools to associate use and non-use values to the environmental resources
CO5	Get acquainted to the global environmental concerns and the efforts taken to tackle them at the global level

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

Recommended Resource	
Reference Books	1. Fields, B. C. (2012). *Environmental Economics: An Introduction (International Edition).* New York United States: McGraw Hill . 2. Hanley, N., Shogren , J., & White, B. (2001). *Introduction to Environmental Economics.* Oxford University Press: United Kingdom. 3. (n.d.). *International Conventions, Treaties and Institutions - India As Partner.* 4. Kaltschmitt, M., Streicher, W., & Wiese , A. (2007). *Renewable Energy: Technology Economics and Environment.* Germany: Springer. 5. Kolstad, C. (2000). *Environmental Economics.* New York: Oxford University Press. 6. Moore, S. (2014, November 26). *India's Role in the International Climate Negotiations.* Retrieved from Brookings: https://www.brookings.edu/blog/planetpolicy/2014/11/26/indias-role-in-the-international-climate-negotiations/ 7. (2006). *National Environment Policy 2006.* Ministry of Environment and Forest. 8. Neumayer, E. (2012). *Multilateral environmental agreements, trade and development: issues and policy options concerning compliance and enforcement.* London, United Kingdom: London School of Economics and Political Science. 9. Smith, S. (2011). *Environmental Economics: A very Short Introduction.* Oxford University Press: New York United States of America. 10. (1992). *United Nations Conference on Environment & Development, Rio De Janerio, Brazil, 3rd to 14th June 1992 (Agenda 21).* United Nations Sustainable Development.

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 TYBA

(June 2024 Onwards)

Program: BA

Semester 5

Course: History of Economic Thought

Course Code	Paper Title	Credit
AECO506	History of Economic Thought	3.5

1.Syllabus as per Choice Based Credit System

i) Name of the Programme	:	T.Y.B.A. Economics
ii) Course Code	:	AECO506
iii) Course Title	:	History Of Economic Thought
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	:	3.5
vii) No. of lectures per Unit	:	12
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

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

Programme: TYBA	Semester: V
Course: Economics IX	Course Code: AECO506

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 knowing evolution of major economic ideas

Course Objectives	
1.	To help the student understand the evolution of economic theory
2.	To introduce student to the economic theories in the Classical Period
3.	To get students acquainted with Neo-Classical ideology
4.	To introduce students to Keynesian theories
5.	To acquaint students with the emerging schools of thought in Economics literature

Course Content		
Unit No.	Content	Lectures
I: Classical Period and	Adam Smith: division of labour, theory of values, capital accumulation, distribution- David Ricardo: Value, theory of rent, distribution- Karl Marx: dynamics of social changes, theory of values, surplus value, profit and crisis of capitalism and Contemporary Relevance- Thomas Malthus: population theory, principles of political economy.	12
II: Keynesian Ideas	Employment Theory- Money- Wage Rigidity Model- Multiplier and accelerator and their interaction - Trade Cycle - Inflation -Role of Fiscal Policy - Keynesian Economics and Developing Countries	12

III: Post Keynesian Developments	Supply Side Economics -Hayek's Theory of Trade Cycle-Life Cycle theory Consumption- Friedman: Theory of Demand for Money - Long-Run Philips Curve - Mankiw's New Keynesian Model - Stagflation.Nobel Prize	12
IV: Nobel Laureates	Ragnar Frisch and Jan Tinbergen(1969), Gunnar Myrdal (1974), A. K Sen (1998) , Trygve Haavelmo (1989), James Buchanan (1986), Richard Stone (1984), George Stigler(1982), James Tobin (1981)	12
Total Number of Lectures		48

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

Beyond the Syllabus
Comparing the various economic thought and finding its applicability to the issues in India

Semester 6: International Trade, Policy and Practice (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	Get an overview of the different schools of thought and their fundamental theories
CO2	Get introduced to the foundation of the Economic Theory laid down in the Classical Period
CO3	Understand the contribution of Neo-Classical Economists in proposing the fundamental theories of Microeconomics and Welfare Economics
CO4	Get an insight into Keynesian theories and learn about how the economic theory responds to the times of crisis
CO5	Learn about the recent developments in the field of Economics

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

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. *Amartya Sen Facts.* (n.d.). Retrieved from The Nobel Prize: https://www.nobelprize.org/prizes/economic-sciences/1998/sen/facts/ 2. Dasgupta, A. (1985). *Epochs of Economic Theory.* New Delhi: Oxford University Press. 3. *George Stigler Facts.* (n.d.). Retrieved from The Nobel Prize: https://www.nobelprize.org/prizes/economic-sciences/1982/stigler/biographical/ 4. Ghosh , B., & Ghosh , R. (n.d.). 5. Gide , C., & Rist, C. (2019). *History of Economic Doctrines.* London: George Harrop and Co. 6. *Gunnar Myrdal Facts.* (n.d.). Retrieved from The Nobel Prize: https://www.nobelprize.org/prizes/economic-sciences/1974/myrdal/biographical/ 7. *History of Economic Thought.* (2017). Mumbai: Himalaya Publishers. 8. *James M Buchanan Jr Facts.* (n.d.). Retrieved from The Nobel Prize: https://www.nobelprize.org/prizes/economic-sciences/1986/buchanan/facts/ 9. *James Tobin Facts.* (n.d.). Retrieved from The Nobel Prize: https://www.nobelprize.org/prizes/economic-sciences/1981/tobin/facts/ 10. *Ragnar Firsch Facts.* (n.d.). Retrieved from The Nobel Prize: https://www.nobelprize.org/prizes/economic-sciences/1969/frisch/facts/ 11. *Richard Stone Facts.* (n.d.). Retrieved from The Nobel Prize: https://www.nobelprize.org/prizes/economic-sciences/1984/stone/facts/ 12. Roll, E. (2002). *History of Economic Thought.* London: Faber and Faber. 13. *Trygve Haavelmo .* (n.d.). Retrieved from The Nobel Prize: https://www.nobelprize.org/prizes/economic-sciences/1989/haavelmo/biographical/

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 TYBA

(June 2024 Onwards)

Program: BA

Semester 6

Course: Macroeconomics III

Course Code	Paper Title	Credit
AECO601	Macroeconomics III	4

1.Syllabus as per Choice Based Credit System

i) Name of the Programme	:	T.Y.B.A. Economics
ii) Course Code	:	AECO
iii) Course Title	:	Macroeconomics III
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	:	12
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

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

Programme: TYBA	Semester: VI
Course: Macroeconomics III	Course Code: AECO601

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: Basic understanding of Macroeconomics concepts learnt in the Macroeconomics I and II

Course Objectives	
1.	To introduce students to the formal models concerning Macroeconomic Issues
2.	To understand the functioning of an Open Economy
3.	To help students get acquainted with Mundell-Fleming Model
4.	To introduce students to the various exchange rate systems existing around the world
5.	To give students an overview of the History of International Monetary Systems

Course Content		
Unit No.	Content	Lectures
I: Exchange Rate	The Gold Standard – The Inter-War Period and the Great Depression – 1944, Bretton Woods System and its collapse; Fixing in Europe via ERM, and the Dollar Standard elsewhere. The Maastricht Treaty and preparations for the Euro- The choice of regime-fixed or flexible- The spectrum of arrangements from Hard Peg at one end to Fully Floating at the other; The rate determination-– Real Exchange Rate and why it matters Covered and Uncovered Interest Parity and itsimplications for exchange	12

II: Goods and Money Markets and the Mundell-Fleming Model	Trade Balance and its implications for GDP calculations, - Why equilibrium GDP is consistent with a trade imbalance- Exchange Rate and IS-LM in an Open Economy – Export and Import Functions Fiscal and Monetary Policy under Fixed and Flexible Exchange Rates– The Mundell- Fleming trilemma.	12
III Inflation – Unemployment Trade off	Inflation and Unemployment Relation in the short run – Phillips Curve Analysis 2. Inflation and Unemployment Relation in the long run – Robert Lucas Rational Expectation Hypothesis, Adaptive Expectation Hypothesis Monetarist and New Classical Theories of Business Cycle-Friedman and. Samuelson's Super multiplier	12
IV: Macro-Economic Imbalances	Currency Crisis South East Asian- BREXIT- Greece Crisis- Sri-Lankan Crisis Causes and Consequences of Global Economic Crisis - Impact of Global Recession on the Indian Economy - Asia Infrastructure Investment Bank (AIIB) - New Development Bank (NDB): Asian Development Bank (ADB)	12
Total No. of Lectures		48

Beyond the Syllabus

Use of Case studies, Presentations,

Semester 6: 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	Develop an analytical approach towards to the international macroeconomic issues
CO2	Understand the impact of foreign trade on the domestic economy
CO3	Evaluate the effectiveness of monetary and fiscal policy in an open economy
CO4	Learn about various exchange rate regimes along with their strengths and weaknesses
CO5	Get an overview of the International Monetary History

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. Ahuja, H. (2015). *Macroeconomics: Theory and Policy (20th Edition).* New Delhi: Sultan Chand and Sons . 2. Blanchard, O., Amighini, A., & Giavazzi, F. (2017). *Macroeconomics: A European Perspective.* New Delhi: Pearson Education. 3. Dornbusch, R., Fisher, S., & Startz, R. (2012). *Mcroeconomics (10th Edition) .* New York United States: McGraw Hill Education. 4. Feenstra, R. C., & Taylor, A. M. (2014). *International Trade (6th Edition).* England: Worth Publishers. 5. Froyen , R. (2012). *Macroeconomics: Theories and Policies(10th Edition).* London United Kingdom: Pearson Education. 6. Mankiw, G. (2015). *Principles of Macroecconomics.* Boston Massachusett, United States of America: Cengage Learning. 7. Salvatore, D. (2009). *International Economics (10th Edition).* New York, : Prentice Hall . 8. Sampson, T. (2017). Brexit: The Economics of International Disintegration. *Journal of Economic Perspectives*, 21.

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 TYBA

(June 2024 Onwards)

Program: BA

Semester 6

Course: International Economics

Course Code	Paper Title	Credit
AECO602	International Economics	4

1.Syllabus as per Choice Based Credit System

i) Name of the Programme	:	T.Y.B.A. Economics
ii) Course Code	:	AECO602
iii) Course Title	:	International Economics
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	:	4
vii) No. of lectures per Unit	:	12
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

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

Programme: TYBA	Semester: VI
Course: International Economics	Course Code: AECO602

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: Understanding of concepts included in syllabus of Microeconomics I and II as well as Macroeconomics I and II

Course Objectives	
1.	To introduce students to the Classical and Modern theories of International Trade
2.	To get students acquainted with the role of FDI
3.	To give them an overview of regional trade agreements
4.	To acquaint them with the role of WTO in international trade
5.	To understand the impact of international agreements on Indian economy

Course Content		
Unit No.	Content	Lectures
I: Introduction	Importance of the study of International Economics - An overview of world trade- India's International Trade - Concepts of Cost Difference: Adam Smith's Theory of International Trade, The Ricardian Theory of International Trade.	12
II: Modern Theories of International Trade	Heckshcher- Ohlin Theory of International Trade, Factor Abundance: Two Criteria, Leontief Paradox- Haberler's theory of Opportunity Cost- Law of reciprocal demand and offer curves- Role of Factor Accumulation: Stolper-	12

	Samuelson theorem.	
III: Importance of Trade and Recent Trends	Monopolistic competition and trade: firm heterogeneity-FDI: The concept and role -the global supply chain, Global Value Chain GVC Report 2021	12
IV: Trade Policy and Regionalism	Protectionism Instruments of trade policy; Why countries cooperate? - Rounds of WTO Negotiations - controversies in trade policy (labour standards, IPR and environment) - ASEAN, SAARC, SAFTA, India's Foreign Trade Policy 2023	12
	Total No. of Lectures	48

Beyond the Syllabus
Use of Case studies, Presentations,

Semester 6: International Economics (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 basis of trade between two countries as laid down by Classical and Modern Theory
CO2	Understand the global supply chain, the role of BPOs and KPOs in the modern international business
CO3	Get an overview of the role of WTO and the negotiations in major WTO Rounds
CO4	Learn about various regional trade arrangements and their impact on international trade

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

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

Recommended Resources	
Reference Books	1. *Foreign Trade Policy 2023 announced.* (2023). Retrieved from Ministry of Commerce and Industry: https://pib.gov.in/PressReleaseIframePage.aspx?PRID=1912572#:~:text=Foreign%20Trade%20Policy%20(2023)%20is,and%20'partnership'%20with%20exporters. 2. Hanson , G. (2012). The Rise of Middle Kingdoms: Energing Economies in Global Trade. *Journal of Economic Perspectives*, 23. 3. Kindleberger, C. P. (1978). *International Economics .* Chicago: Homewood. 4. Krugman, P., Obstfeld, M., & Melitz, M. (2012). *International Economics: Theory and Policy (9th Edition).* Delhi: Pearson Education India Edition. 5. Melitz, M. J., & Trefler , D. (2012). Gains from Trade when Firms Matter. *Journal of Economic Perspectives*, 27. 6. Salvatore, D. (2011). *International Economics: Trade and Finance(10th Edition).* New York United States : John Wiley Student Edition. 7. Sodersten, B., & Reed , G. (1994). *International Economics.* London: Palgrave Macmillan . 8. (2022). *Trade and Development Report (UNCTAD).* Geneva: United Nations Publication .

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 TYBA

(June 2024 Onwards)

Program: BA

Semester 6

Course: Indian Financial System

Course Code	Paper Title	Credit
AECO603	**Indian Financial System**	3.5

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

1.Syllabus as per Choice Based Credit System

i) Name of the Programme	:	T.Y.B.A. Economics
ii) Course Code	:	AECO603
iii) Course Title	:	Indian Financial system
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	:	3.5
vii) No. of lectures per Unit	:	12
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

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

Programme: TYBA	Semester: VI
Course : Indian Financial System	Course Code:

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: Basic understanding of Monetary policy and financial securities

Course Objectives	
1.	To acquaint students with the working of the Indian Financial System
2.	To introduce students to the basic structure of Indian Financial System
3.	To help students understand the Indian Banking System and major policy reforms in the Banking Sector
4.	To acquaint students with the money and capital markets in India and their functioning
5.	To introduce students to Non-Bank Finance Companies in India and their working

Course Content		
Unit No.	Content	Lectures
I: Indian Financial System: Structure, Trends and Turns	Meaning and components of the Financial System - Financial System and Economic Development – Indicators of Financial Development: FR, FIR, NIR and IR- Indicators of Financial Development in India – Overview of financial sector reforms since 1990s – Trends and turns in Indian financial sector: 1950-2017.	12

II: Banking in India since 1990s	Developments in Commercial banking sector since 1990s – Management of Non-Performing Assets (NPAs): case Study of Indian Banks- Capital Adequacy Norms: Basel Accord III - Monetary policy of the RBI –Changes in RBI's monetary policy since1990 - Monetary Policy Committee (MPC)- Payment Banks, Mudra Bank: Evaluation- Transmission Channels of Monetary policy- Inflation Targeting in India, Differential Interest Rates	12
III: Money and Capital Markets in India	Money Market: Components of organized money market – Volume and growth in the components of Money Market in India-Capital Market: Structure of the Indian Capital Market – Recent Developments in the Capital Market – Role of SEBI – Major Capital Markets Scams - Overview of Debt Market in India – Islamic Banking- Merchant Banking and Investment Banking.	12
IV: Non- Bank Finance sector of the Financial System	Non-Bank Finance Companies (NBFCs) in India and their progress: Overview of major NBFCs in India, NBFC Crisis of 2019 - Developments in India's Insurance sector – Mutual Funds: Concept and types of Schemes - Credit Rating Agencies in India.	12
	Total No. of Lectures	48

Beyond the Syllabus
Taking students to the seminars conducted by the BSE Institute

Semester 6: Indian Financial System (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	Get an overview of the Indian Financial System
CO2	Evaluate the performance of Indian Financial System based on the indicators of Financial Development
CO3	Learn about the major developments in the banking sector in terms of reforms and also the NPA crisis
CO4	Understand about the new avenues of financing like Merchant Banking, Investment banking along with the money and capital markets

CO5	Learn about NBFCs, mutual funds and credit rating agencies in India

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. Bharti, P. (n.d.). *The Indian Financial System (5th Edition).* New Delhi: Pearson Education. 2. Bhole, L. (2017). *Financial Institutions and Markets, Growth and Innovation (6th Edition).* New Delhi: Tata McGraw Hill. 3. Chakraborty , R., & Varma, K. (2015). *Inflation & RBI's new monetary framework.* New Delhi: National Institue of Public Policy and Finance . 4. Dutta, A. (2012). *Indian Financial System.* Delhi: Excel Books. 5. Hutchinson, M. M., Sengupta, R., & Singh, N. (2013). Dove or Hawk? Characterizing monetary policy regime switches in India. *Emerging Markets Review*, 20. 6. Khan, M. (2015). *Financial Services (8th Edition).* New Delhi: Tata McGraw Hill. 7. Manda, V. K., & Rani, P. S. (2019). Crisis in the Indian Non-Banking Finance Companies (NBFC) Sector. *International Journal of Recent Technology and Engineering*, 6. 8. Vasudevan , A. (2017). Reflections of Analytical Issues in Monetary Policy. *Economic and Political Weekly*.

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 TYBA

(June 2024 Onwards)

Program: BA

Semester 6

Course: Research Methodology II

Course Code	Paper Title	Credit
AECO604	Research Methodology	4

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

1.Syllabus as per Choice Based Credit System

i) Name of the Programme	:	T.Y.B.A. Economics
ii) Course Code	:	AECO604
iii) Course Title	:	Research Methodology 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	:	4
vii) No. of lectures per Unit	:	12
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

Programme: TYBA	Semester: VI
Course: Research Methodology II	Course Code: AECO604

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: Basic statistical techniques like measures of central tendency and dispersion

Course Objectives	
1.	To develop analytical and critical thinking skills among students
2.	To introduce students to the techniques that help establish and study relationship among variables
3.	To introduce students to the concept and construction techniques of Index Numbers
4.	To help students to the concept and types of Hypotheses
5.	To inculcate the art of writing a research report

Course Content		
Unit No.	Content	Lectures
I: Statistical Applications in Research	Methods of studying Correlation- measurement of simple correlation: graphic method, scatter diagram - coefficient of correlation: Karl Pearson and rank correlation interpretation of r = ± 1 Linear Regression analysis: meaning, regression lines, regression coefficients, regression equations, relationship between correlation and regression. OLS Estimators Analysis of Time Series and Panel (Fixed and Random Models): components, trend analysis, moving averages (3, 4 and 5 yearly), method of least square	12

II: Index Numbers	Meaning – classification – problems encountered while constructing index numbers- uses and limitation of index numbers- Methods of constructing index numbers: Simple index: aggregate method and simple average of relatives method, Weighted index: Laspeyer's, Paache's and Fisher's index – weighted average of relatives method, Chain based index -Concepts of Base shifting, splicing, and deflating- Consumer price index: meaning, need and construction – Methods: aggregate expenditure method and family budget method- CPI and WPI in India.	12
III: Hypothesis Formulation and Hypothesis Testing	Definition and functions of hypothesis –Criteria of a workable hypothesis – forms and sources of hypothesis- Concepts in Testing of Hypothesis: Universe / Population, parameter and statistic, Null and Alternative Hypotheses, Levels of Significance, critical region, Type I and Type II errors, Point and Interval Estimates.	12
IV: Research Report Writing	Types of Research Report: Technical, Popular, Interim, Summary, Article- Format of a Research Report- Principles of writing the Research Report: Organization and Style - Contents-Styles of reporting- Steps in drafting Reports: Review of Literature- Editing the final draft- Evaluating the final draft -Organization of the Research Report: Preliminaries, Contents of Report, Structuring the Report, Chapter format: Pagination, Identification, Using quotations, Presenting footnotes –Abbreviations- Presentation of tables and figures- Referencing: Different Styles- Documentation-Use and format of appendices- Indexing – Bibliography.	12
	Total No. of Lectures	48

Beyond the Syllabus
Use of Case studies, Presentations,

Semester 6: Research Methodology 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	Approach several economic issues in a more analytical manner
CO2	Apply the widely used techniques of Correlation and Regression Analysis
CO3	Construct the basic Indices used in the policy making in India
CO4	Formulate and Test Hypotheses
CO5	Write a research report in the most effective manner

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. Goode, W. J., & Hatt, P. K. (1952). *Methods in Social Research.* New York United States of America: McGraw Hill. 2. Gujarati , D. N., Porter, D. C., & Pal, M. (2021). *Basic Econometrics (6th Edition).* Chennai: McGraw Hill. 3. Gupta, S. (2014). *Statistical Methods .* New Delhi : Sultan Chand and Sons. 4. Kothari , C. (2019). *Research Methodology: An Introduction (4th Edition).* New Age: 2019. 5. Krishnaswami , O., & Ranganatham, M. (2016). *Methodology of Research in Social Sciences.* Mumbai: Himalayan Publishing House. 6. Kumar, R. (2015). *Research Methodology: A step by Step Guide For Research (4th Edition).* New Delhi: Pearson Education. 7. Sarvanavel, P. (2015). *Research Methodology (16th Edition).* Allahabad: Kitab Mahal.

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 TYBA

(June 2024 Onwards)

Program: BA

Semester 6

Course: Environmental Economics II

Course Code	Paper Title	Credit
AECO605	Environmental Economics II	4

1.Syllabus as per Choice Based Credit System

i) Name of the Programme	:	T.Y.B.A. Economics	
ii) Course Code	:	AECO605	
iii) Course Title	:	Environmental Economics 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	:	4	
vii) No. of lectures per Unit	:	12	
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	

Programme: TYBA	Semester: VI
Course: Environmental Economics II	Course Code: AECO605

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: Basic understanding of issues like Environmental Degradation and Policy Measures taken by the Government

Course Objectives	
1.	To inculcate deeper understanding of Environmental issues among the students
2.	To help student understand the environmental accounting aspects of development
3.	To introduce students to the importance of having a sustainable environment for the growth and development
4.	To help students understand certain guidelines like SDGs with respect to preserving Environment while making sure that the economy is growing
5.	To help students understand various Policy Measures that are in action for the same

Course Content		
Unit No.	Content	Lectures
I: Environmental Degradation	Concept and types of Environmental Degradation; Renewable and Non-renewable natural resources: Land, Air, Water and Noise Pollution: Causes, effects and measures.	12
II: Environmental Accounting	Accounting for environmental and natural resources: Meaning and importance; System of Environmental-Economic Accounting (SEEA) and Environmental and Natural Resources Accounting	12

	(ENRA); Integration of Environmental Accounts with System of National Accounts: Green GDP; Concept of Green Growth and its Indicators; Concepts of Green Consumer and Green Business	
III Sustainable Development and India	Concept of Sustainable Development; Characteristics and dimensions of Sustainable Development; Sustainable Development Goals and Measures with special reference to India; Smart Cities Mission in India; National Mission for Sustainable Agriculture (NMSA): Objectives, strategy and components.	12
IV: Environmental Policy in India	Overview of laws to improve the environment in India; Central pollution Control Board; Industrial Pollution Control Measures in India; Pradhan Mantri Ujjwala Yojana (PMUY); National Green Tribunal.; Environmental Education in India.	12
Total No. of Lectures		48

Beyond the Syllabus
Use of Case studies, Presentations,

Semester 6: Development Experience and Theory (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	Students are empowered about the environmental challenges and the need for environmental accounting
CO2	Develop understanding on the policy measures to attain SDGs.

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. Bhattacharya , R. (2001). *Environmental Economics: An Indian Perspective.* New Delhi: Oxford University Press. 2. Field, B., & Field, M. (2017). *Environmental Economics (International Edition).* New York United States: McGraw Hill . 3. Ganesamurthy, V. (2009). *Environmental Economics In India .* New Delhi: New Century Publications. 4. Hanley, N., Shogren , J., & White, B. (2001). *Enviornmental Economics .* United Kingdom: Oxford University Press. 5. Kaltschmitt , M., Streicher , W., & Wiese , A. (2007). *Renewable Energy: Technology, Economics and Environment .* Germany: Springer. 6. Kolstad, C. (2000). *Environmental Economics.* New York: Oxford University Press.

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 TYBA

(June 2024 Onwards)

Program: BA

Semester 6

Course: History of Economic Thought II

Course Code	Paper Title	Credit
AECO606	History of Economic Thought II	3.5

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

1.Syllabus as per Choice Based Credit System

i) Name of the Programme	:	T.Y.B.A. Economics
ii) Course Code	:	AECO606
iii) Course Title	:	History of Economic Thought 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	:	3.5
vii) No. of lectures per Unit	:	12
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

Programme: TYBA	Semester: VI
Course : History of Economic Thought II	Course Code: AECO606

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: **Knowledge of various Economic Thinkers**

Course Objectives
1. This paper aims to provide the information about the biography and contribution of various economic thinkers.
2. This paper is framed with the objective of making students aware of the varying phases of economic thoughts and development of that into economic science.

Course Content		
Unit No.	Content	Lectures
I: Indian Economic Thought	Kautilya on welfare state **–** Dadabhai Naoroji's Thoughts on Drain Theory- Ranade's Case on Protection - R. C. Dutt on Imperialism - Land Tax and Public Finance- Gopal Ganesh Agarkar.	12

II: Economic Thought of Mahatma Phule and Gandhi	Mahatma Phule's Views on Agriculture - Reasons of Farmer's Poverty - Gandhian Economic Thoughts on Self-Sufficient Village Economy - Dignity of Labour – Trusteeship - and Sarvodaya.	12
III: Economic Thought of Dr. B.R. Ambedkar, G.K. Gokhale and Dr. Manmohan Singh	Dr. Ambedkar's Case for State Socialism - Problem of Rupee - Public Finance – G.K. Gokhale on Development and Welfare - Dr. Manmohan Singh's ' Three Steps' to Stem India's Economic Crisis.	12
IV: Module 4: Nobel Prize Winners in Economics	Joseph Stiglitz, Micheal Spence, George Akerlof (2001), Daniel Kahneman, (2002) Paul Krugman (2008) Jean Tirole (2014), Angus Deaton (2015), Richard Thaler (2017), Abhijeet Banerjee and Esther Duflo (2019), Micheal Kremer (2019), Ben Bernanke, Douglas Diamond and Philip Dybvig (2022)	12
	Total No. of Lectures	48

Beyond the Syllabus
Understanding and analyzing the Economic Thought Process of Economic Thinkers and finding its relevance in the current economic scenario

Semester 6: International Trade, Policy and Practice (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	Students will get information about the genesis of Economics and its modern scenario.
CO2	Students get familiarized with the leading Indian economists who significantly contributed to the stream of Indian economic thought.

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. *Abhijeet Banerjee Facts*. (n.d.). Retrieved from The Nobel Prize: https://www.nobelprize.org/prizes/economic-sciences/2019/banerjee/facts/ 2. *Angus Deaton Facts*. (n.d.). Retrieved from The Nobel Prize: https://www.nobelprize.org/prizes/economic-sciences/2015/deaton/facts/ 3. Banerjee, A., & Duflo , E. (2011). *Poor Economics: Rethinking Poverty and the ways to end it.* Gurgaon : Penguin Random hHouse India. 4. *Ben Bernanke Facts*. (n.d.). Retrieved from The Nobel Prize: https://www.nobelprize.org/prizes/economic-sciences/2022/bernanke/facts/ 5. Chandra, B. (1999). *Ranade's Economic Writings.* New Delhi: Gyan Publication House. 6. *Daniel Kanheman Facts*. (n.d.). Retrieved from The Nobel Prize: https://www.nobelprize.org/prizes/economic-sciences/2002/kahneman/facts/ 7. Dasgupta , A. K. (1993). *A History of Indian Economic Thought .* London and New York: Routledge. 8. *Douglas Diamond Facts* . (n.d.). Retrieved from The Nobel Prize: https://www.nobelprize.org/prizes/economic-sciences/2022/diamond/facts/ 9. *Esther Duflo Facts*. (n.d.). Retrieved from https://www.nobelprize.org/prizes/economic-sciences/2019/duflo/facts/ 10. Gandhi, M. (1959). *India of My Dreams.* Ahmadabad: Navjivan Publishing House. 11. *Jean Tirole Facts*. (n.d.). Retrieved from The Nobel Prize: https://www.nobelprize.org/prizes/economic-sciences/2014/tirole/facts/ 12. *Joseph Stiglitz Popular Information*. (n.d.). Retrieved from The Nobel Prize: https://www.nobelprize.org/prizes/economic-sciences/2001/popular-information/ 13. Kanheman , D. (2011). *Thinking Fast and Slow .* London United Kingdom: Penguin Books. 14. Masani, R. (1960). *Dadabhai Naoroji.* Delhi: Government of India. 15. *Micheal Kremer Facts*. (n.d.). Retrieved from The Nobel Prize: https://www.nobelprize.org/prizes/economic-sciences/2019/kremer/facts/ 16. Nanda, B. (1977). *Gokhale: The Indian Moderates and The British Raj.* Delhi: Princeton University Press. 17. *Paul Krugman Facts*. (n.d.). Retrieved from The Nobel Prize: https://www.nobelprize.org/prizes/economic-

sciences/2008/krugman/facts/

18. *Philip Dybvig Facts*. (n.d.). Retrieved from The Nobel Prize:
    https://www.nobelprize.org/prizes/economic-sciences/2022/dybvig/facts/
19. *Richard Thaler Facts*. (n.d.). Retrieved from The Nobel Prize:
    https://www.nobelprize.org/prizes/economic-sciences/2017/thaler/facts/
20. Thaler , R. H. (2015). *Misbehaving.* United Kingdom: Penguin Random
    House .
21. Thaler , R., & Sunstein, C. R. (2009). *Nudge: Improving Decisions about
    Health, Wealth, and Happiness.* London United Kingdom: Penguin (Non-
    Classics).
22. *The Nobel Prize*. (n.d.). Retrieved from Information for the Public:
    https://www.nobelprize.org/prizes/economic-sciences/2001/popular-
    information/
23. *The Nobel Prize*. (n.d.). Retrieved from Daniel Kahneman Facts:
    https://www.nobelprize.org/prizes/economic-
    sciences/2002/kahneman/facts/