

**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 2020 Onwards)**

Program: BA

Semester 5

Course: Microeconomics III

Course Code	Paper Title	Credit
AECO501	Microeconomics III	4

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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

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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	Sources of monopoly - Profit maximizing monopoly – Calculation of price, output and profit for a monopoly- Price discrimination: First, Second and Third degree- Public policy towards monopoly	12
II: Basics of Game Theory	Prisoner's Dilemma – Dominant strategy equilibrium – Battle of sexes game – Nash equilibrium – Extensive form games – Game tree. Case Studies	12

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III: Oligopoly	The Cournot model – The Bertrand model – The Edgeworth model – The Chamberlin model – The Kinked demand curve model – Collusion and Cartels: Case Studies – Price Leadership: Case Studies	12
IV: 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
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:

1. Ms. Vaishali Dhammapathee, Head, Department of Economics
2. Ms. Madhura Todewale, Assistant Professor, Department of Economics

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Recommended Resources	
Reference Books	<ol style="list-style-type: none">1. A. Koutsoyainnis, (2015), Modern Microeconomics, 2nd edition, Palgrave Macmillan.2. Mankiw, N. Gregory, Principles of Microeconomics, Cengage Learning, 2015.3. Mansfield, Edwin, Gary Yohe, Micro-economics: Theory & Applications, 11th edition, Viva-Norton & Company, New York, 20144. Sen Anindya, Microeconomics: Theory and Applications, Second edition Oxford University Press, New Delhi, 2007.5. Dominick Salvatore (2008), Microeconomics Theory and Applications, 5th Edition, Oxford University Press6. R.Gibbons , A Primer in Game Theory, (2008), Harvester Wheatsheaf7. Hal Varian, Intermediate Microeconomics, 8th Edition, Springer (India), Pvt. Ltd, 2010

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

Program: BA

Semester 5

Course: Economics of Development

Course Code	Paper Title	Credit
AECO502	Economics of Development	4

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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

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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.	12
II: Structural Issues in Development Process	Big push theory – Theory of human capital – Critical Evaluation of ICDS, NHM, SSA and Ayushman Bharat- Schumpeter's theory of development, Dual economy models of growth, Solow's growth model.	12

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III: Inequality, Poverty and Development	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	12
Total No. of Lectures		48

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:

1. Ms. Vaishali Dhammapathee, Head, Department of Economics
2. Ms. Madhura Todewale, Assistant Professor, Department of Economics

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Recommended Resources	
Reference Books	<ol style="list-style-type: none"> 1. Todaro, Michael P. and Stephen C. Smith. Economic Development, 17th e. Delhi: Pearson Education, 2017. 2. Thirlwall, A.P. Growth and Development 9e. New York: Palgrave MacMillan, 2011. 3. Meier, Gerald M. and James E. Rauch. Leading Issues in Economic Development, 8e. New Delhi: Oxford Univ. Press, 2006. 4. Mamoria, Joshi, Principles and practice of marketing in India, Kitab Mahal, 1979. 5. Boldwin, Economic Development: Theory, History and Policy, Willy Publishers, 1957 6. Ahuja, H.L.: Development Economics, S. Chand Publishing, 2016 7. Sinha Francis, Microfinance self Help Groups in India: Living up to Their Promises, Practical Action Publishing, England, 2009. 8. Ray Debraj., Development Economics, Oxford India Paperbacks 9. Ura K., Alkire S., Zongmo T., Wangdi K., (2012) An Extensive Analysis of Gross National Happiness, Centre for Bhutan Studies 10. Oxford Poverty and Human Development Initiative: https://ophi.org.uk/policy/national-policy/gross-national-happiness-index/ 11. Shah A.K. Ayushman Bharat: Hurdles to Implementation One Year On 12. NITI Aayog: A Quick Evaluation Study of Anganwadis under ICDS 13. Dr. Hussain M., Khan M., Nature and Scope of SSA in India: a critical analysis 14. Yadav K., Nikhil SV, Pandav C, Urbanisation and Health Challenges: Need to Fast Track Launch of the NUHM 15. Yadav K., Nikhil SV, Pandav C, Urbanisation and Health Challenges: Need to Fast Track Launch of the NUHM 16. Vellakal S. et.al., Has India's NRHM reduced inequalities in maternal health services? 17. Multi Dimensional Poverty Index, Oxford Poverty and Human Development Initiative https://www.ophi.org.uk/wp-

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	<p style="text-align: center;">content/uploads/OPHI-MPI-Brief.pdf</p> <ol style="list-style-type: none">18. Prato, Stefano. "The Struggle for Equity: Rights, food sovereignty and the rethinking of modernity."19. Loughhead, Susan, Onkar Mittal, and Geoffrey D. Wood. Urban Poverty & Vulnerability in India: DFID's Experiences from a Social Policy Perspective20. Ocean Based Blue Economy: An insight into the SAGAR as the last growth frontier, NITI Aayog21. Potential of the Blue Economy, World Bank Report, Blue Economy Mission: India's Focus
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**Syllabus for TYBA
(June 2020 Onwards)**

Program: BA

Semester 5

Course: Financial Economics

Course Code	Paper Title	Credit
AECO503	Financial Economics	3.5

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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

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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 Portfolio Analysis	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

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	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

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Recommended Resources

Reference Books

1. David Luenberger , Investment Science, Oxford University Press, 1997.
2. Hull John C, Options, Futures and other derivatives, Pearson Education, 2005.
3. Thomas Copeland, J. Fred Weston and Kuldeep Shastri, Financial Theory and Corporate Policy, Prentice Hall, 2003.
4. Richard Brealey and Stewart Myers, Principles of Corporate Finance, Tenth Edition, McGraw Hill, 2012.
5. Stephen Ross and Bradford Jordan, Fundamentals of Corporate Finance, McGraw Hill, 2005.
6. William Sharpe, Gordon Alexander and J. Bailey, Investment, Prentice Hall of India, 2003.
7. Mullins D., "Does the Capital Asset Pricing Model Work?", Harvard Business Review:
<https://hbr.org/1982/01/does-the-capital-asset-pricing-model-work>

Syllabus Prepared by:

1. Ms. Vaishali Dhammapathee, Head, Department of Economics
2. Ms. Madhura Todewale, Assistant Professor, Department of Economics

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

Program: BA

Semester 5

Course: Research Methodology I

Course Code	Paper Title	Credit
AECO504	Research Methodology I	4

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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

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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

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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 web search in research process- introduction to Internet and WWW - Using search engines like Google, Yahoo etc. Use of advanced search techniques.	12
III: Sources of Data for Research	Types of data sources: Primary and Secondary - Primary Data-Meaning and Collection methods - Observational method - Interview technique - Design of Schedule and Questionnaire - Survey method and Field Visits - Case Study as a method. 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.	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 Computer Applications 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

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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:

1. Ms. Vaishali Dhammapathee, Head, Department of Economics
2. Ms. Madhura Todewale, Assistant Professor, Department of Economics

Recommended Resource

Reference Books	<ol style="list-style-type: none"> 1. Goode J. William & Hatt K. Paul, Methods in social Research, New York, McGraw-Hill, 1952. 2. Kothari, C.R., Research Methodology: An Introduction, fourth edition, Delhi, New Age, 2019. 3. Krishnaswami, O.R & M. Ranganatham, Methodology of Research in Social Sciences, Himalaya Publishing House, Mumbai, 2016. 4. P.Saravanel Research Methodology, KitabMahal, Allahabad,2015, 16th Edition 5. Gupta S. P., Statistical Methods, Sultan Chand and Sons, New Delhi, 2014. 6. Rajaram V., Fundamentals of computers, 6th Edition, Prentice Hall of India, New Delhi, 2014.
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**Syllabus for TYBA
(June 2020 Onwards)**

Program: BA

Semester 5

Course: Environmental Economics

Course Code	Paper Title	Credit
AECO505	Environmental Economics	4

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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

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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, Rio- Declaration on environmental development, Agenda 21 programme of action for sustainable development, Social and	12

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	economic dimensions, Conservation and management of resources for development.	
II: Design and Implementation of Environmental Policy	Overview - Criteria for evaluating environmental policies; Standards, Pigovian 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 based 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 and India-Sustainable development: Concepts and measures.	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

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Syllabus Prepared by:

1. Ms. Vaishali Dhammapathee, Head, Department of Economics
2. Ms. Madhura Todewale, Assistant Professor, Department of Economics

Recommended Resource

Reference Books

1. Barry C. Fields: Environmental Economics : An Introduction, McGraw Hill International Edition, 2012
2. Charles Kolstad : Environmental Economics, Oxford University Press, New York, 2000.
3. Kaltschmitt, Martin, Streicher, Wolfgang, Wiese, Andreas, Renewable Energy: Technology, Economics and Environment, Springer, Germany, 2007.
4. Hanley Nick, Shogren Jason and White Ben: Introduction to Environmental Economics, Oxford University Press, 2001.
5. Smith Stephen: Environmental Economics: A very Short Introduction, 1st Edition, Oxford University Press, New York, 2011.
6. United Nations Sustainable Development, UN Conference on Environment & Development, Rio de Janeiro, Brazil, Agenda 21, <https://sustainabledevelopment.un.org/content/documents/Agenda21.pdf>, 1992.
7. Ministry of Environment, Government of India , National Environment Policy
8. International Conventions, Treaties and Institutions- India as a partner: IFS
9. Reporting and Review Institutions in 10 MEAs, MEA trade and development: LSE
10. Web Resource:
<https://www.brookings.edu/blog/planetpolicy/2014/11/26/indias-role-in-the-international-climate-negotiations/>

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

Program: BA

Semester 5

Course: History of Economic Thought

Course Code	Paper Title	Credit
AECO506	History of Economic Thought	3.5

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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

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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	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: Marginalists: Marshall to Schumpeter	Marshall :Role of time in price determination, methods of economics, ideas of consumer's surplus, representative firm, external and internal economies, quasi-rent, nature	12

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	of profit- Pigou: welfare economics- Schumpeter: role of entrepreneur and innovation.	
III: Keynesian Ideas	Liquidity Preference Theory and Liquidity Trap, Consumption Function, MPC, Multiplier, Accelerator and their interaction, wage rigidities, underemployment equilibrium, role of fiscal policy: deficit spending and public works-cyclical behavior of the economy.	12
IV: Post Keynesian Developments	Hayek: theory of money and economic fluctuations- Arthur Laffer: supply side economics- Monetarism: Milton Friedman, Don Patinkin – An overview of the new classical economics: Robert Lucas. Nobel Prize Winners in Economics: Gunnar Myrdal (1974), A. K. Sen (1998), Joseph Stiglitz (2001), Paul Krugman (2008), Jean Tirole (2014), Angus Deaton (2015), Richard Thaler (2017), Abhijeet Banerjee, Esther Duflo, Micheal Kremer (2019)	12
Total No. of Lectures		48

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

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Syllabus Prepared by:

1. Ms. Vaishali Dhammapathee, Head, Department of Economics
2. Ms. Madhura Todewale, Assistant Professor, Department of Economics

Recommended Resources

Reference Books

1. Gide, O. and G. Rist , A History of Economic Doctrine, George Harrop Co., London, 2019
2. Roll, E, A History of Economic Thought, Faber Landon, 2002
3. Dasgupta A. K, Epochs of Economic Theory Oxford University Press. New Delhi, 1985.
4. Schumpeter, J.A, Ten Great Economist, Sixth Edition Oxford University Press, New York, 1997.
5. Ghosh and Ghosh: Concise History of Economic Thought, Himalaya Publishers (2017)
6. Puttaswamaiah K, Nobel Economists – Lives and Contributions, Indus Public Co., New Delhi, 1995.

Web Resources

7. International Monetary Fund: Poverty Fund
8. Scroll .in <https://scroll.in/latest/940468/nobel-prize-in-economics-awarded-to-abhijit-banerjee-esther-duflo-and-michael-kremer>
9. <https://www.econlib.org/library/Enc/bios/Hayek.html>
10. On Malthus' Contribution to Economic Thought <http://etdiscussion.worldeconomicsassociation.org/wp-content/uploads/2017/10/SouzaPrevidelli-4-oct-17.pdf>
<https://www.econlib.org/library/Enc/bios/Malthus.htm>
11. International Monetary Fund: Poverty Fund

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

Program: BA

Semester 6

Course: Macroeconomics III

Course Code	Paper Title	Credit
AECO	Macroeconomics III	4

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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

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

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: The Goods Market in Open Economy	Trade Balance and its implications for GDP calculations – Export and Import Functions- The Real Exchange Rate and why it matters –Why equilibrium GDP is consistent with a trade imbalance- Exchange Rate and IS-LM in an Open Economy	12
II: Money/ Financial Markets and the Mundell-Fleming Model	Covered and Uncovered Interest Parity and its implications for exchange rate determination- Fiscal and Monetary Policy under Fixed and Flexible Exchange Rates– The Mundell- Fleming trilemma.	12

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III: Exchange Rate Regimes and Exchange Rate Crisis	The choice of regime-fixed or flexible- The spectrum of arrangements from Hard Peg at one end to Fully Floating at the other; Why the Balance of Payments must always balance under Floating Exchange Rate Regime- Exchange Rate Crisis- The relation between Exchange Rate Crisis and other kinds of crisis (banking crisis, financial crisis, etc.) – Case Studies	12
IV: International Monetary History, 1990- Present	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 Global Financial Crisis and its consequences for the Euro- The Euro Crisis- BREXIT- Greece Crisis- Asia Infrastructure Investment Bank (AIIB), New Development Bank (NDB).	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:

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- | |
|---|
| <ol style="list-style-type: none">1. Ms. Vaishali Dhammapathee, Head, Department of Economics2. Ms. Madhura Todewale, Assistant Professor, Department of Economics |
|---|

Recommended Resources

Reference Books

1. Blanchard, Oliver, Macroeconomics , Seventh Edition Pearson education, New Delhi, India, 2017
2. Rudiger Dornbusch, Stanley Fisher and Richard Startz (2012), Macroeconomics, 10th Edition, McGraw Hill Education
3. Richard Froyen, (2012), Macroeconomics: Theories and policies, 10th Edition Pearson Education
4. N. Gregory Mankiw, (2015), Principle of Macroeconomics Cengage Learning
5. Salvatore, D.; International Economics, 10th Edition Printice Hall, New York, 2009.
6. Robert C Feenstra & Alan M Taylor, Sixth Edition International Trade, Worth Publishers, 2014.
7. Sampson T., (2017) Brexit: The Economics of International Disintegration

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

Program: BA

Semester 6

Course: International Economics

Course Code	Paper Title	Credit
AECO	International Economics	4

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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	:	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

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

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

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	Samuelson theorem.	
III: Importance of Trade and Recent Trends	Monopolistic competition and trade: firm heterogeneity- FDI: The concept and role -the global supply chain, Business Process Outsourcing, Knowledge Process Outsourcing	12
IV: Trade Policy and Regionalism	Instruments of trade policy; Why countries cooperate? - Rounds of WTO Negotiations - controversies in trade policy (labour standards, IPR and environment) - ASEAN, SAARC, SAFTA, Protectionism.	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:

1. Ms. Vaishali Dhammapathee, Head, Department of Economics
2. Ms. Madhura Todewale, Assistant Professor, Department of Economics

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Recommended Resources	
Reference Books	<ol style="list-style-type: none">1. Paul Krugman, Maurice Obstfeld, and Marc Melitz, International Economics: Theory and Policy, Addison-Wesley (Pearson Education Indian Edition), 9th edition, 2012.2. Dominick Salvatore, International Economics: Trade and Finance, JohnWiley International Student Edition, 10th edition, 2011.3. Gordon Hanson, „The Rise of Middle Kingdoms: Emerging Economies in Global Trade”, Journal of Economic Perspectives, Spring 2012.4. Melitz M. and Trefler D., “Gains from Trade When Firms Matter”, Journal of Economic Perspectives, Spring 2012.5. Kindleberger Charles P, International Economics, Homewood, USA, 19786. Bo Sodersten and Geoffrey Reed, International Economics, PalgraveMacmillan, 1994.7. Knowledge Process Outsourcing: Markets and Opportunities, India Brand Equity Foundation

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

Program: BA

Semester 6

Course: Indian Financial System

Course Code	Paper Title	Credit
	Indian Financial System	3.5

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1.Syllabus as per Choice Based Credit System

i) Name of the Programme	:	T.Y.B.A. Economics
ii) Course Code	:	
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

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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

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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 since 1990 - 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

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CO5	Learn about NBFCs, mutual funds and credit rating agencies in India
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Syllabus Prepared by:

1. Ms. Vaishali Dhammapathee, Head, Department of Economics
2. Ms. Madhura Todewale, Assistant Professor, Department of Economics

Recommended Resources

Reference Books

1. Pathak, Bharati, The Indian Financial System – Markets, Institutions, and Services, Pearson Education, New Delhi, 5th Edition
2. Bhole, L. M, Financial Institutions and Markets, Growth and Innovation, Tata McGraw-Hill, New Delhi, 2017, 6th Edition
3. Khan, M.Y, Financial Services, Tata McGraw Hill, New Delhi, 2015, 8th Edition
4. Reserve Bank of India (various issues) Report on Currency and Finance, RBI, Mumbai.
5. Rakesh Mohan & Partha Ray, Indian Financial Sector: Structure, Trends & Turns; IMF Working Paper (WP/17/7). <https://www.imf.org> Issues > 2017/01/20
6. Dutta Abhijit, Indian Financial System, Excel Books, Delhi, 2012.
7. Chakraborty L., Varma K., (2015), Inflation and RBI's Monetary Policy, NIPFP
8. Reddy Y.V. (2004), Credit Policy, Systems and Culture
9. IJRTE- Crisis in the Indian Non- Banking Finance Companies Sector , Manda, Vijaya Kittu. (2019). IJRTE-Crisis in the Indian Non-Banking Finance Companies (NBFC) Sector. 10.35940/ijrte.D8424.118419.
10. Hutchinson MM, Sengupta R, Singh N (2013): "Dove or Hawk? Characterising Monetary Policy Regime switches in India", Emerging Markets Review, 16 ISSN- 1566-0141
11. Vasudevan A (2017): "Reflections of Analytical Issues in Monetary Policy- The Indian Economic Realities", Economic and Political Weekly, Vol LII No 12

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

Program: BA

Semester 6

Course: Research Methodology II

Course Code	Paper Title	Credit
AECO	Research Methodology	4

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1.Syllabus as per Choice Based Credit System

i) Name of the Programme	:	T.Y.B.A. Economics
ii) Course Code	:	
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

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

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 $r = \pm 1$ Linear Regression analysis: meaning, regression lines, regression coefficients, regression equations, relationship between correlation and regression. Analysis of Time Series: components, trend analysis, moving averages (3, 4 and 5 yearly), method of least square	12

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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

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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:

1. Ms. Vaishali Dhammapathee, Head, Department of Economics
2. Ms. Madhura Todewale, Assistant Professor, Department of Economics

Recommended Resources

Reference Books	<ol style="list-style-type: none"> 1. Goode J. William & Hatt K. Paul, Methods in social Research, New York, McGraw-Hill, 1952. 2. Kothari, C.R., Research Methodology: An Introduction, fourth edition, Delhi, New Age, 2019. 3. Krishnaswami, O.R & M. Ranganatham, Methodology of Research in Social Sciences, Himalaya Publishing House, Mumbai, 2016. 4. P. Saravanavel, Research Methodology, 16th edition KitabMahal, Allahabad, 2015. 5. Gupta S. P., Statistical Methods, Sultan Chand and Sons, New Delhi, 2014. 6. Kumar, Renjith (2015) Research Methodology: A Step by Step Guide for Research, Delhi, Fourth edition, Pearson Education, 7. Gujrati, Porter D., Gunasekar S., Basic Econometrics, Special India Edition, 2017, McGraw Hill Education 8. Hutchinson MM, Sengupta R, Singh N (2013): "Dove or Hawk? Characterizing Monetary Policy Regime switches in India", Emerging Markets Review, 16 ISSN- 1566-0141 9. Vasudevan A (2017): "Reflections of Analytical Issues in Monetary Policy- The Indian Economic Realities", Economic and Political Weekly, Vol LII No 12
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**Syllabus for TYBA
(June 2020 Onwards)**

Program: BA

Semester 6

Course: Development Theory and Experience

Course Code	Paper Title	Credit
AECO	Development Theory and Experience	4

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1.Syllabus as per Choice Based Credit System

i) Name of the Programme	:	T.Y.B.A. Economics
ii) Course Code	:	
iii) Course Title	:	Development Theory and Experience
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

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Programme: TYBA	Semester: VI
Course: Development Theory and Experience	Course Code: AECO

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 poverty, inequality and problems of unemployment, the concept of public goods and information asymmetry

Course Objectives	
1.	To inculcate deeper understanding of developmental issues among the students
2.	To help student understand the demographic aspects of development
3.	To introduce students to the concept of structural transformation as a cause and impact of development
4.	To help students understand the relations between various economic agents in the rural sector
5.	To help students understand the underpinnings of environmental issues and its connection with rural poverty

Course Content		
Unit No.	Content	Lectures
I: Demography and Development	Demographic transitions during the process of development; Demographic transition in India- gender bias in preferences and outcomes and evidence on unequal treatment within households- Microeconomic Household Theory of Fertility	12
II: Structural Transformation	The Lewis model, Fei Ranis Model –Clark-Fisher model of structural change- Urbanization: Trends and Projections	12

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	with reference to India, Urbanization and Development, Causes of urbanization- Urban informal sector: Case Study of Mumbai, Policies for the urban informal sector- Migration and development, Economic theory of rural-urban migration: Harris-Todaro migration model	
III: Land, Labour and Credit Markets	Role of Agriculture in Economic Development- Agrarian Crisis: Market Failure and Agriculture, Administered prices- The distribution of land ownership, Land reform and its effects on productivity- Contractual relationships between tenants and landlords; Land Acquisition and People's Movement- Nutrition and Labour Productivity- Rural Credit Market: Microfinance	12
IV: The Environment and Development	The core of environmental problems- Rural poverty and environmental destruction- Concept of Green GDP - Economic models of environmental issues: privately owned resources, common property resources, public goods: regional environmental degradation and the free rider problem, limitations of public goods framework.	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	Understand the impact of development on the demography of a country
CO2	Learn about the changes in sectoral composition in an economy as an outcome of the development efforts undertaken
CO3	Learn about urbanization and the issues associated with it. The students will also learn to analyse and critically evaluate the policies formulated to deal with the issues of urban conglomerates.
CO4	Understand the strategic interactions between the factors of production in rural areas, in a scientific manner

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CO5	Look at the issues of resource allocation and environmental degradation in a more scientific manner
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Syllabus Prepared by:

1. Ms. Vaishali Dhammapathee, Head, Department of Economics
2. Ms. Madhura Todewale, Assistant Professor, Department of Economics

Recommended Resources

Reference Books

1. Debraj Ray, Development Economics, Oxford University Press,2009.
2. Partha Dasgupta, Economics: A Very Short Introduction, Oxford University Press,2007.
3. Abhijit Banerjee, Roland Benabou and Dilip Mookerjee, Understanding Poverty, Oxford University Press,2006.
4. Amartya Sen, Development as Freedom, Oxford University Press,2000.
5. Daron Acemoglu and James Robinson, Economic Origins of Dictatorship and Democracy, Cambridge University Press,2006.
6. Michael Todaro and Stephen Smith: Economic Development,11th edition, Pearson
7. Ponnappali R., Ponnappali K, A. Subbiah (2013): "Aging and demographic transition in India and its States: A Comparative
8. Perspective", International Journal of Asian Social Science, 2013, 3 (1): 171-193
9. Saha D., (2011), Work life of street vendors in Mumbai, Indian Journal of Labour Economcs
10. Rajaram A., Reforming Prices, The Experience of China, Hungary and Poland, World Bank Discussion Series

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

Program: BA

Semester 6

Course: International Trade, Policy and Practice

Course Code	Paper Title	Credit
	International Trade, Policy and Practice	3.5

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1.Syllabus as per Choice Based Credit System

i) Name of the Programme	:	T.Y.B.A. Economics
ii) Course Code	:	
iii) Course Title	:	International Trade policy and practice
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

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Programme: TYBA	Semester: VI
Course : International Trade Policy and Practice	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: Understanding of the exchange rate systems, the concept of FDI, role of WTO

Course Objectives

1.	To give students an exposure about the recent developments in the area of International trade and finance
2.	To help students understand the various factors that affect international trade
3.	To give an overview of important international agreements
4.	To introduce students to the important international financial institutions
5.	To introduce students to basics of foreign capital flows

Course Content

Unit No.	Content	Lectures
I: Introduction	Inter-regional and international trade: Role of Dynamic factors i.e. change in Tastes, Technology and Role of Factor Accumulation. Foreign Exchange Rate: Concepts - Short and Forward rates - Foreign Exchange rate determination – Fixed and flexible exchange rate – Interrelationship between exchange rates and Interest rates. Exchange Rate system in India: managed floating, Current and Capital Account Convertibility and their impact, FEMA.	12

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II: Emerging new International Economic Order	GATT, Uruguay Round, WTO: WTO Agreement, Dispute settlement Mechanism, Impact of WTO on Emerging Economies and India, Doha Round and its implications. Emergence of Regional Free Trade agreements (FTA), Bilateral Investment Treaty (BIT), Double Taxation Avoidance Agreement (DTAA).	12
III: International Financial Institution and International Debt Problem	IMF, World Bank, Asian Development Bank (ADB), New Development Bank (NDB), Asia Infrastructure Investment Bank (AIIB) and their role with special reference to India. South East Asian Crisis and Lessons for India- Global Economic Crisis- Global Financial Crisis of 2008- International Debt Problem – Emerging Global Financial Architecture.	12
IV: Role of Foreign Capital Flow	Factors determining Foreign Investment, Foreign Institutional Investment (FII), Qualified Foreign Investment (QFI), Foreign Direct Investment (FDI): Role of FDI in Economic Development, Factors influencing FDI inflows, Green Field and Brown field FDI in India- Role of MNCs in India.	12
Total No. of Lectures		48

Beyond the Syllabus

Understanding and analyzing the current trend and peculiarities in international trade policy and practices

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 a glimpse of the recent developments in international trade and finance
CO2	Understand the dynamics of inter-regional and international trade
CO3	Get an overview of the strategic international agreements and their impact
CO4	Get an insight into the emerging financial architecture at the global level
CO5	Understand the impact and influence of foreign capital inflows

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Syllabus Prepared by:

1. Ms. Vaishali Dhammapathee, Head, Department of Economics
2. Ms. Madhura Todewale, Assistant Professor, Department of Economics

Recommended Resources

Reference Books

1. Robert J Carbaugh, International Economics, South-Western Cengage Learning, USA, 2017.
2. Paul R Krugman, Maurice Obstfeld and Melitz Mark, International Economics: Theory and Policy, Princeton University, USA, 2015.
3. Dennis R Appleyard, Alfred J Field, International Economics, McGraw-Hill, USA, 2013.
4. Robert J Carbaugh, International Economics(With Xtra! and Info Trac), South Western College Pub, 2003.
5. Kindleberger Charles P., International Economics, 3rd edition, R. D. Irwin, Homewood, IL, 1963.
6. Bo Sodersten and Geoffrey Reed, International Economics, 3rd Edition, Palgrave Macmillan; (May 15, 1994)