

**MGU**

# Mahatma Gandhi University

**Programme Project Report**

**B.A. (Economics)**

**2018-19 Session**

**“ Be the Change that you  
wish to see in the world”**

**—Mahatma Gandhi**



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# **PROGRAMME PROJECT REPORT**

**PROGRAMME NAME: BACHELOR OF ARTS IN ECONOMICS (B.A. Economics)**

## **Institution's Mission and Vision Statement**

*Mission:* To offer quality educational services and transforming lives through knowledge.

*Vision:* The vision of the Promoting Body is set-up a University with a difference. It envisages the Proposed University to come up as a Center of excellence for training of management Professional and shaping and molding of Business and Corporate Leaders of tomorrow.

## **Relevance of Program to the Institution's Mission and Goals**

- Committing to continuous improvement through industry relations, and assurance of learning across all programs.
- To fulfil the knowledge and development needs of the individuals, institutions and society in general, by relating, particularly, the courses, to the needs of the employment and economic development of the state on the basis of its natural and human resources.
- To provide an innovative system of University level education in regard to the methods and pace of learning, combination of courses, eligibility for enrolment, age of entry, conduct of examinations and operation of the program, with a review to promote learning and encourage excellence in all fields of Knowledge.

## **Objective of the Program**

- To provide competency-driven education, a core component of our growth and success.
- To build the department as a Center of excellence for imparting high quality education in B.A. Economics.
- To provide students a well-founded education in Economics.
- To provide structured curricula which support the academic development of students;
- To provide and adapt curricula that prepare our graduates for employment and further study as economists.
- To provide the students with the opportunity to pursue courses that emphasize quantitative and theoretical aspects of Economics;
- To provide students with the opportunity to focus on applied and policy issues in Economics;
- To provide programmers that allow the students to choose from a wide range of economic specialization;
- To provide a well-resourced learning environment for Economics.

## **Nature of Prospective Target Group of Learners**

- Candidates of HSC or any 10+2 passed with a focus on developing their future. Candidates desirous to join service sector will opt for this program because of the unique methodology of the program, where students will get real-life workplace experience and learn simultaneously through eLearning support.
- The Duration of B.A. Economics courses shall be of 3 Years. The Program is on Semester system, thus there shall be six semester Examination. The University has continuous system on assessment & evaluation of measurement of learning outcomes by students. The Learning is assessed by blend of quizzes, assignment, Exercise analysis, report submission, Annual Examination.

## **Programme Appropriateness in Open and Distance Learning Mode**

- Appropriateness of Program to be conducted in Open and Distance Learning mode to acquire specific skills and competence
- The learner will acquire necessary knowledge in the area of Economics to work or research in economic sector which will help the learner to make them employable in appropriate sector.
- The learner will be able to develop skills and competencies through actual work in area of economics to understand historical and current events from an economic perspective.
- The learners learn the theory concepts using eLearning.
- 'Learning through working' model makes them independent at the very beginning of their graduation.

## **Various Modes of Education Delivery**

- *Instructional Design*: Study focuses on the instructional design process on management, communication, technology and learning about organizations. Emphasis is given to the students' application and evaluation of their learning.
- *Self-Learning Material (SLM)*: SLM includes all the instructional design part like graphics oriented content, every unit contains Introduction, Activity, Notes, Summary, Keywords, Review Questions, Further reading & Explanatory figures.
- *E-Learning*: eLearning is a way to provide quick delivery of lessons. e-Learning helps in creating and communicating new training, policies, concepts, and ideas. eLearning enables educators to get a higher degree of coverage to communicate the message in a consistent way which ensures that all learners receive the same type of training with this learning mode.
- *Video Lectures*: It produces authentic learning opportunities for students. It inspires and engages students when incorporated into students Centered learning activities through increased students' motivation, enhanced learning experience, and enhanced team working and communication skills.
- *Dynamic Web-Portal*: It provides a resource for locating and navigating to web based resources that support educational endeavours. It helps to keep up-to-date with new content and customize information depending on who is visiting the site.

- *Learning Management System (LMS)*: It create multimedia learning content which is comprehensive and practical, using video, images, audio and text which all serve as great tools in learning new skills or information.
- *Dictionaries of Specialized Subjects*: An insight into the terminology used subjects specific words and word origins. Dictionaries provide extra help with words and symbols to build subject understanding at home and in the classroom.
- *Instructional Simulations*: It is an educational simulation in which simulation of some type of reality (system or environment), which also includes instructional elements that help a learner explore, navigate or obtain more information.

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## **CURRICULUM, DETAILED SYLLABUS & OTHER DETAILS**

The Curriculum, Detailed Syllabus & other details are as under:

Name of Program : B.A. Economics (Bachelor of Arts in Economics)  
 Duration : 3 Years  
 Examination : 6 Semesters

<b>B.A. Economics: Three-Year (6-Semester) CBCS Program</b>			
<b>Program Structure</b>			
<b>Course No.</b>	<b>Course Title</b>	<b>Credits</b>	<b>Course Type</b>
<b>Semester I</b>			
BAEC11	Introductory Microeconomics I	6	Core Course
BAEC12	Introductory Macroeconomics I	6	Core Course
BAG11	General & Communicative English	6	Ability Enhancement
BAG12	Advance English I	6	Core Course
<b>Choose any one</b>			
BAG13B	History: History Of Early India Up to 1200 AD	6	Generic Elective
BAG14A	Education: Foundation of Educational Theories and Principles		Generic Elective
BAG14B	Political Science: Political Theory-I		Generic Elective
BAG14C	Sociology: Introductory Sociology		Generic Elective
<b>Semester II</b>			
BAEC21	Introductory Microeconomics II	6	Core Course
BAEC22	Introductory Macroeconomics II	6	Core Course
BAG21	General English II	6	Core Course
<b>Choose any paper in continuation of the paper selected in First semester</b>			
BAG23B	History: History Of India 1206-1526 Ad	6	Generic Elective
BAG24A	Education: Educational Psychology		Generic Elective
BAG24B	Pol.Science: Politics In India-I		Generic Elective
BAG24C	Sociology: Classical Sociological Theories		Generic Elective

BAES25	Environmental science	2	Ability Enhancement
	<b>Semester III</b>		
BAEC31	Issues In Indian Economy I	6	Core Course
BAEC32	Statistical Methods for Economics	6	Core Course
BAG31	General English-III	6	Core Course
	<b>Choose any paper in continuation of the paper selected in First semester</b>		
BAG33B	History: History Of India 1526-1757AD	6	Generic Elective
BAG34A	Education: Development of Education in India		Generic Elective
BAG34B	Political Science: Political Theory-II		Generic Elective
BAG34C	Sociology: Sociology of Indian Society		Generic Elective
BAEC35	Agricultural Producers: Challenges & Opportunities	2	Skill Enhancement
	<b>Semester IV</b>		
BAEC41	Issues In Indian Economy II	6	Core Course
BAEC42	Development Economics-I	6	Core Course
BAG41	General English-IV	6	Core Course
	<b>Choose any paper in continuation of the paper selected in First semester</b>		
BAG43B	History: Contemporary History Of North-East India	6	Generic Elective
BAG44A	Education: Sociological Foundations of Education		Generic Elective
BAG44B	Political Science: Politics In India-II		Generic Elective
BAG44C	Sociology: Sociology of North East India		Generic Elective
BAEC45	Educational Attainment & Employability	2	Skill Enhancement
	<b>Semester V</b>		
BAEC51	International Economics	6	Core Course
BAEC52	Development Economics- II	6	Core Course
BAEC53	Environmental Economics	6	Discipline Specific
BAEC54	Agricultural Economics	6	Discipline Specific
BAEC55	Mathematical Economics	6	Discipline Specific
	<b>Semester VI</b>		
BAEC61	Public Finance	6	Core Course

BAEC62	Basic Econometrics	6	Core Course
BAEC63	Economics of Health and Education	6	Discipline Specific
BAEC64	Population Studies	6	Discipline Specific
BAEC65	Financial Economics	6	Discipline Specific
<b>TOTAL CREDIT</b>			

### Faculty Details

S.No.	Name	Designation
1	Dr. Vikas Kumar Mishra	HOD
2	Ms. Prapti Borthaku	Associate Professor
3	Ms. Jayita Baruah	Asst. Professor
4	Ms. Pinky Mahajan	Asst. Professor

### Student Support Staff

S.No.	Name	Designation
1	Ms. Pratyakshi Goswami	Incharge-Student Support Division
2	Ms. Anita Das	Sr. Student Counsellor
3	Mr. Nimpal Kalita	Incharge Grievance Cell
4	Mr. Geeti Gogoi	Asst. Incharge Students Activity Cell

### Student Support Service System

- The Student Support System aims to help students in a variety of ways, including career development, legal regulation, counseling, psychological support, and special concerns for international students.
- New students receive student handbook, which includes helpful information to acclimate them to the campus and University community.
- Students are surrounded by an extensive support system all the way from orientation through graduation.

### Procedure for Admission, Curriculum Transaction and Evaluation

- Counseling session at Campus
- Application form submission along with required documents check list – Online or at Campus
- Eligibility check from the Admission Section
- Documents verification
- Payment of Fees
- Issuance of Enrollment Number & ID Card
- Issuance of SLM & Academic Kit

- Scholarship test

### **Details of Laboratory Support**

- Computer Lab Support to aid students with their studies.
- The lab can help you with your homework, assignments, difficult course content and test preparation.
- Both experienced students from the program and faculty members themselves volunteer at the lab, which makes it a key resource for any student.
- There is English & Soft Skills lab for students' development.

### **Library Resources**

- We have library at campus which combine more than 10,000+ books for various courses and 400 national and international journals can be accessed by commonly used application.
- MGU partners with Excel Books Pvt. Ltd. a renowned publishing house for digital library access. It is a distinctive group of publishing companies, has a rich history in the book industry.

### **Facilities Available to Learners**

- *Scholarship:* Through this full tuition scholarships or other substantial awards being offered to the high qualifying students, either in the form of need-based or academic scholarships for university.
- *Book-lending:* An initiative to ensure the academic success of every student funded through alumni donations. This program provides books for students who could not otherwise afford to purchase them.
- *CD/audio/video cassettes:* Enhance understanding with a teaching guide for using audio cassettes or CDs includes suggested teaching tips that engage learners with auditory and spatial intelligence learning styles.
- *Internet facility:* It opens doorways to a wealth of information, knowledge and educational resources, increasing opportunities for learning in and beyond the classroom.
- *Digital Library:* Provides access to digital repository or digital collection of e-books and e-notes.

### **Cost Estimate of the Programme and its Provisions**

The Cost estimate for B.A. Economics Course on No Profit No Loss comes to Rs. 5000/- Semester. The University has made provision of Rs. 15-20 Lakh for running of different course of Humanities Dept. (B.A., M.A) including the Printing of Teaching Material for the students.



## **Quality Assurance Mechanisms**

### **1. Learning Material (Print Media)**

- The Self Learning Material is designed with the approach of two-way communication between the learner and content.
- It also involves the learner actively through various experience-based activities and assignments.
- The learner gets clear information about the structure of the programme and course.

### **2. Audio–Video Material**

- There is adequate consideration of learners' prior knowledge, skills and attitudes.
- Level and style of language shall be appropriate.

### **3. Online Material**

- There is description of credit value of each module or unit in the course.
- There are clear guidelines on academic integrity and netiquette (internet etiquette) expectations regarding lesson activities, discussions and plagiarism.

### **4. Computer-based material**

- There is lesson's overview, content and activities, assignments to provide the learning opportunities for learner to master the content.

### **5. Curriculum and Pedagogy**

- The structure of curriculum is defined.
- The content is reliable and justifies the learning outcome(s).
- There is clear definition of intended outcomes of learning, benchmarked to identifiable stages of learning.

## **Program Outcomes**

- Students will be able to use graphical models, logical argument, mathematics and written communication to explain basic market outcomes and to analyze real-world policy alternatives.
  - Students will be able to make the connection between economics and their individual majors.
  - Students will learn a rigorous set of tools that will allow them to take more economics as undergraduates or to support non-economic graduate studies.
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## PROGRAMME SYLLABUS AND RECOMMENDED BOOKS

Details of Program Syllabus & List of Recommended books are given below:

### Semester I

<b>COURSE CODE: BAEC11</b>		
<b>COURSE TITLE: General English-I</b>		
<b>UNITS</b>	<b>CONTENTS</b>	
I	Letter writing, Application writing, Paragraph writing, Comprehension	
II	Antonyms and Synonyms, Parts of Speech, Appropriate use of verbs, adverbs, adjectives	
III	Appropriate use of verbs, adverbs, adjectives, Types of sentences	
IV	Phrases and Idioms, One word substitution	
<b>SUGGESTED BOOKS</b>		
1	Quick Learning Objective General English by R.S Aggarwal	

<b>COURSE CODE: BAEC12</b>		
<b>COURSE TITLE: ADVANCED ENGLISH-I</b>		
<b>UNITS</b>	<b>CONTENTS</b>	
I	<b>Poetry</b> Shakespeare- Sonnets- 29,30,116 George Herbert- 'Easter-wings' John Donne- 'The Good-Morrow' Metaphysical Poetry	
II	<b>Short Stories</b> William Faulkner- 'A Rose for Emily' Guy de Maupassant- 'The Umbrella' Edgar Allan Poe- 'The Purloined Letter' History of the development of English Short story	
III	<b>Prose/ Essays</b> History and Context of development of prose in English literature William Hazlitt: The Indian Juggler Lamb: The South Sea-House	
IV	<b>Drama</b> G.B. Shaw- <i>Arms and the Man</i>	
<b>SUGGESTED BOOKS</b>		
1.	General English for Competitive Exams by RPH Editorial Board	

<b>COURSE CODE: BAEC13</b>		
<b>COURSE TITLE: Introductory Microeconomics</b>		
<b>UNITS</b>	<b>CONTENTS</b>	
I	Exploring the subject matter of Economics Why study economics? Scope and method of economics; the economic problem: scarcity and choice; the question of what to produce, how to produce and how to distribute output; economics as a science and arts.	
II	Supply and Demand: How Markets Work, Markets and Welfare; determinants of individual demand/supply; demand/supply schedule and demand/supply curve; market versus individual demand/supply; shifts in the demand/supply curve, demand and supply together; elasticity and its application; consumer surplus; producer surplus.	
III	The consumption decision - budget constraint, consumption and income/price changes, demand for all other goods and price changes; description of preferences (representing preferences with indifference curves); properties of indifference curves; consumer's optimum choice.	
IV	The Firm and Perfect Market Structure Behaviour of profit maximizing firms and the production process; short run costs and output decisions; costs and output in the long run.	
V	Imperfect Market Structure Monopoly and anti-trust policy; imperfect competition.	
	<b>SUGGESTED BOOKS</b>	
1	Karl E. Case and Ray C. Fair, Principles of Economics, Pearson Education Inc.	
2	N. Gregory Mankiw, Economics: Principles and Applications, India edition by South Western, a part of Cengage Learning, Cengage Learning India Private Limited.	

<b>COURSE CODE: BAEC14</b>		
<b>COURSE TITLE: ENVIRONMENTAL STUDIES</b>		
<b>UNITS</b>	<b>CONTENTS</b>	
I	<b>Introduction to environmental studies:</b> Multidisciplinary nature of environmental studies, Scope and importance, Need for public awareness.	
II	<b>Ecosystems:</b> Concept of an ecosystem.Structure and function of an ecosystem.Energy flow in an ecosystem: food chains, food webs and ecological pyramids.Ecological succession.Case studies of the following ecosystems :a) Forest ecosystemb) Grassland ecosystem c) Desert ecosystemd) Aquatic ecosystems (ponds, streams, lakes,	

	rivers, oceans, estuaries)	
III	<p><b>Natural Resources : Renewable and Non-renewable Resources:</b>Land resources and land use change : Land as a resource, land degradation, landslides (natural &amp; man-induced), soil erosion and desertification.</p> <p>Forests &amp; forest resources : Use and over-exploitation, deforestation, case studies.Impacts of deforestation, mining, dam building on environment, forests, biodiversity and tribal populations.Resettlement and rehabilitation of project affected persons; problems and concerns, case studies. Water resources: Use and over-exploitation of surface and ground water, floods, drought, conflicts over water (international &amp; inter-state).Food resources: World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies.</p> <p>Energy resources: Renewable and non renewable energy sources, use of alternate energy sources, growing energy needs, case studies</p>	
IV	<p><b>Biodiversity and Conservation:</b> Levels of biological diversity : genetic, species and ecosystem diversity. Biogeographic zones of India. Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and Informational valuesBiodiversity patterns and global biodiversity hot spots. India as a mega-biodiversity nation; Endangered and endemic species of India. Threats to biodiversity: Habitat loss, poaching of wildlife, man-wildlife conflicts, biological invasions.Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity.</p>	
V	<p><b>Environmental Pollution:</b>What is environmental pollution and its types?</p> <p>Causes, effects and control measures of :a) Air pollutionb) Water pollution – freshwater and marinec) Soil pollutiond) Noise pollutione) Thermal pollutionNuclear hazards and human health risks</p> <p>Solid waste management : Control measures of urban and industrial waste.Role of an individual in prevention of pollution.Pollution case studies.</p>	
	<b>SUGGESTED BOOKS</b>	
1.	Brunner RC, 1989, Hazardous Waste Incineration, McGraw Hill Inc. 480pgs.	
2.	Carson, Rachel. 1962. Silent Spring (Boston: Houghton Mifflin, 1962), Mariner Books, 2002	

**Semester- II**

<b>COURSE CODE: BAEC21</b>		
<b>COURSE TITLE: General English-II</b>		
<b>UNITS</b>	<b>CONTENTS</b>	
I	Common Errors in Sentences Clauses Narration	
II	Prepositions Articles and Determiners Voice	
III	Letter writing Precis writing Report writing Comprehension	
IV	Essay Writing	
	<b>SUGGESTED BOOKS</b>	
1	General English for Competitive Exams (ENGLISH IMPROVEMENT BOOKS) by RPH Editorial Board	

<b>COURSE CODE: BAEC22</b>		
<b>COURSE TITLE: Advanced English-II</b>		
<b>UNITS</b>	<b>CONTENTS</b>	
I	<b>Poetry</b> Marvell- 'To his Coy Mistress' Browning- 'The Last Ride Together' Keats- 'Ode to a Grecian Urn' Hopkins- 'Pied Beauty' Frost- 'Mending Wall'	
II	<b>Essays</b> Bacon- 'Of Studies' Addison- 'Sir Roger in London' Lamb- 'Superannuated Man' Orwell- 'Politics and the English Language'	
III	<b>Short Stories</b> O Henry- 'The Last Leaf' R. K. Narayan- 'Under the Banyan Tree' Vikram Seth- 'An Indian in China'	
IV	<b>Drama</b> Shaw- Pygmalion Tennessee Williams- A Streetcar named Desire	
	<b>SUGGESTED BOOKS</b>	
1	An Advanced English Grammar by George Lyman Kittredge	

<b>COURSE CODE: BAEC23</b>		
<b>COURSE TITLE: Introductory Macroeconomics</b>		
<b>UNITS</b>	<b>CONTENTS</b>	
I	Introduction to Macroeconomics and National Income Accounting Basic issues studied in macroeconomics; measurement of gross domestic product; income, expenditure and the circular flow; real versus nominal GDP.	
II	Functions of money; quantity theory of money; determination of money supply and demand; credit creation; tools of monetary policy.	
III	Inflation and types , hyperinflation.	
IV	The Closed Economy in the Short Run Classical and Keynesian systems; simple Keynesian model of income determination; IS- LM model; money multipliers.	
<b>SUGGESTED BOOKS</b>		
1	Dornbusch, Fischer and Startz, Macroeconomics, McGraw Hill.	
2	N. Gregory Mankiw. Macroeconomics, Worth Publisher.	
3	Olivier Blanchard, Macroeconomics, Pearson Education.	

<b>COURSE CODE: BAEC24</b>		
<b>COURSE TITLE: Communicative And Functional English</b>		
<b>UNITS</b>	<b>CONTENTS</b>	
I	Basic of Communication: a) Meaning and Nature of Communication: b) Objectives of Communication c) Theory and Models of Communication d) Dimensions of Communication e) Communication Network f) Media of Communication.	
II	(a) The Essentials of Effective Communication (b) Self Development and Communication (c) Non-verbal forms of communication	
III	<b>Business Correspondence:</b> Letter Writing, presentation, Inviting quotations, Sending quotations, Placing orders, Inviting tenders, Sales letters, claim & adjustment letters and social correspondence, Memorandum, Inter -office Memo, Notices, Agenda, Minutes, Job application letter, preparing the Resume.	
IV	<b>Use of Grammar</b>	
V	<b>Vocabulary:</b> Use of Vocabulary, Words often confused, Words often misspell, Common errors in English.	
VI	<b>Information Technology and Modern forms of Communication</b>	

	Oral Presentation: Importance, Characteristics, Presentation Plan, Power point presentation, Visual aids.	
	<b>SUGGESTED BOOKS</b>	
1	Business English and Communication by Varindar Kumar and Bodh Raj; Kalyani Publications.	
2	Model Business Letters, E-mails and other Business Documents by Shirley Taylor; Pearson Education.	
3	Cambridge Advanced English Students Book by Leo Jones, Cambridge University Press	

### Semester- III

<b>COURSE CODE: BAEC31</b>		
<b>COURSE TITLE: General English-III</b>		
<b>UNITS</b>	<b>CONTENTS</b>	
I	Clauses and types of Clauses Auxiliaries	
II	Transformation of Sentences	
III	Word formation Gerund	
IV	Dialogue Writing Punctuation	
<b>SUGGESTED BOOKS</b>		
1	Advanced English Grammar and Composition by Gurudas Mukherjee and Indibar Mukherjee	

<b>COURSE CODE: BAEC32</b>		
<b>COURSE TITLE: Advanced English-III</b>		
<b>UNITS</b>	<b>CONTENTS</b>	
I	Romantic Poetry Wordsworth- Lucy Poems Keats- To Autumn	
II	Metaphysical Poetry Donne – Canonization Herbert- Bitter-Sweet	
III	Short story Guy de Maupassant- A Piece of String Sadat Hassan Manto- Toba Tek Singh	
IV	One Act Play Chekhov- Proposal	
<b>SUGGESTED BOOKS</b>		
1.	Western Criticism: Aristotle to Empson by Gurudas Mukherjee and Indibar Mukherjee	

<b>COURSE CODE: BAEC33</b>		
<b>COURSE TITLE: Indian Economy</b>		
<b>UNITS</b>	<b>CONTENTS</b>	
I	Economic Development since Independence Major features of the economy at independence; growth and development under different policy regimes— goals, constraints, institutions and policy framework.	
II	Population and Human Development Demographic trends and issues; education; health and malnutrition.	
III	Growth and Distribution Trends and policies in poverty; inequality and unemployment.	
IV	International Comparisons	
V	Five Year Plan, New Economic Reforms in India.	
<b>SUGGESTED BOOKS</b>		
1	Jean Dreze and Amartya Sen, 2013. An Uncertain Glory: India and its Contradictions, Princeton University Press.	
2	Pulapre Balakrishnan, 2007, The Recovery of India: Economic Growth in the Nehru Era, Economic and Political Weekly, November.	
3	Rakesh Mohan, 2008, —Growth Record of Indian Economy: 1950-2008. A Story of Sustained Savings and Investment, Economic and Political Weekly, May.	

<b>COURSE CODE: BAEC34</b>		
<b>COURSE TITLE: Social Demography</b>		
<b>UNITS</b>	<b>CONTENTS</b>	
I	<b>Demography</b> Emergence of Demography, Importance of the Study of Demography, Sources of Demographic Data, Census, Vital Statistics, Sample Survey	
II	<b>Fertility</b> Relationship between fertility, fecundity and reproductive span, Measurement of Fertility, Differential Fertility.	
III	<b>Mortality</b> Measurement of Mortality, Causes of Mortality, Differential Mortality, Causes of Maternal Mortality, Infant Mortality.	
IV	<b>Population Growth and Control</b> Trends of Population Growth in India and the World, Factors Influencing Population Growth in India, Need and Measures of Population control in India	



<b>SUGGESTED BOOKS</b>	
1.	Chandra, R.C. Geography of Population, Kalyani Publishers, New Delhi, 198
2.	Premi, M.K. et al An Introduction to Social Demography, Vikas, New Delhi, 1

#### Semester- IV

<b>COURSE CODE: BAEC41</b>	
<b>COURSE TITLE: General English-IV</b>	
<b>UNITS</b>	<b>CONTENTS</b>
I	Tense
II	One word substitution; Antonyms and Synonyms
III	Idioms and Phrases; Word formation
IV	Articles, Determiners, Prepositions, Adverbs, Adjectives, Gerund
<b>SUGGESTED BOOKS</b>	
1.	Advanced English Composition by Michael. West

<b>COURSE CODE: BAEC42</b>	
<b>COURSE TITLE: Advanced English-IV</b>	
<b>UNITS</b>	<b>CONTENTS</b>
I	<b>Poetry I</b> Shakespeare- Sonnet 30 Wordsworth- 'The Solitary Reaper' Yeats- 'Easter 1916' Ted Hughes- 'Hawk Roosting'
II	<b>Poetry II</b> Whitman- 'Song of Myself' Pound- 'The River Merchant's Wife: A Letter' Langston Hughes- 'I too Sing America'
III	<b>Poetry III</b> A.K. Ramanujan- 'The Breaded Fish' Kamala Das- 'My Grandmother's House' Vikram Seth- 'Frogs and the Nightingales'
IV	<b>Prose</b> Verrier Elwin- 'A Pilgrimage to Tawang' Orwell- 'Reflections on Gandhi' Stephen Hawking- 'Our Picture of the Universe'
<b>SUGGESTED BOOKS</b>	
1	New Headway: Advanced Student's Book by Liz Soars

<b>COURSE CODE: BAEC43</b>	
<b>COURSE TITLE: Public Finance</b>	
<b>UNITS</b>	<b>CONTENTS</b>
I	Overview of Fiscal Functions, Scope and Importance of Public Finance, Market Failure, Public Good and Externalities, Taxation-types, Impact and incidence-Theories of Taxation.
II	Issues from Indian Public Finance, Working of Fiscal Policy, Current Issues of India's Tax System. 6. Analysis of Budget and Deficits, State and Local Finances
<b>SUGGESTED BOOKS</b>	
1	Musgrave, R.A. and P.B. Musgrave, Public Finance in Theory and Practice, McGraw Hill
2	Mahesh Purohit, "Value Added Tax: Experience of India and Other Countries", Gayatri Publications.
3	Kaushik Basu, and A. Maertens (ed.), The Oxford Companion to Economics in India, Oxford University Press.

<b>COURSE CODE: BAEC44</b>	
<b>COURSE TITLE: Educational Technology</b>	
<b>UNITS</b>	<b>CONTENTS</b>
I	<ul style="list-style-type: none"> <li>• Concept, Meaning, Nature and Scope of Educational technology</li> <li>• Objectives of Educational Technology at Macro Level and Micro Level <ul style="list-style-type: none"> <li>➤ Importance of educational technology in conventional and distance mode of education</li> <li>➤ Types of Educational Technology</li> </ul> </li> <li>• Instructional technology –meaning and nature</li> <li>• Programmed Instruction – meaning, nature and principles <ul style="list-style-type: none"> <li>➤ Types of Programmed instruction – Linear, Branching, Mathematics and others</li> <li>➤ Merits and demerits of programmed instruction</li> </ul> </li> </ul>
II	<ul style="list-style-type: none"> <li>• Meaning and nature of teaching technology,</li> <li>• Operation of teaching – phase pre-active, interactive and post active phases</li> <li>• Educational Technology and Teaching Aids. Importance of Teaching Aids. <ul style="list-style-type: none"> <li>➤ Classification of Teaching Aids.</li> <li>➤ Principles of Selection and Use of Teaching Aids.</li> <li>➤ Multimedia Approach in Education.</li> </ul> </li> <li>• Computer –organization and operation,</li> <li>• Computer in Education, <ul style="list-style-type: none"> <li>➤ Different uses of computer in education,</li> <li>➤ Advantages and disadvantages of Computer Assisted Instruction.</li> </ul> </li> <li>• Internet and education</li> </ul>

III	<ul style="list-style-type: none"> <li>• Behavioural technology-meaning and nature Micro teaching-meaning and objectives</li> <li>• Different phases of Micro-Teaching</li> <li>• Merits and Demerits of Micro teaching</li> </ul>	
IV	Team Teaching, E-learning, E-Library	
<b>SUGGESTED BOOKS</b>		
1	Rao, Usha – Educational Technology	
2	Sarma, A.R – Educational Technology	
3	Das, R.C. – Educational Technology, New Delhi, Sterling Publishers	

### Semester- V

<b>COURSE CODE: BAEC51</b>		
<b>COURSE TITLE: Money And Banking</b>		
<b>UNITS</b>	<b>CONTENTS</b>	
<b>Part A- Business Organization</b>		
I	Money- Concept, functions, measurement, Money demand and Money Supply	
II	Financial Institutions, Markets, Instruments and Financial Innovations, Role of financial markets and institutions; problem of asymmetric information – adverse selection and moral hazard; financial crises.	
III	Money and capital markets: organization, structure and reforms in India; Interest Rates Determination-Theories, interest rates in India.	
IV	Banking System in India -banking sector reforms. Central Banking and Monetary Policy, balance sheet;current monetary policy of India. Commercial bank and its functions.	
<b>SUGGESTED BOOKS</b>		
1	F. S. Mishkin and S. G. Eakins, Financial Markets and Institutions, Pearson Education	
2	F. J. Fabozzi, F. Modigliani, F. J. Jones, M. G. Ferri, Foundations of Financial Markets and Institutions, Pearson Education.	

<b>COURSE CODE: BAEC14</b>		
<b>COURSE TITLE: Environmental Economics</b>		
<b>UNITS</b>	<b>CONTENTS</b>	
I	Key environmental issues and problems, economic way of thinking about these problems, basic concepts from economics; Pareto optimality and market failure in the presence of externalities; property rights and other approaches.	
II	The Design and Implementation of Environmental Policy Overview, Pigouvian taxes and effluent fees, tradable permits, implementation of environmental policies in India and international experience; economics of climate change.	
III	Sustainable Development Concepts; measurement; perspectives from Indian experience	
	<b>SUGGESTED BOOKS</b>	
1.	Roger Perman, Yue Ma, Michael Common, David Maddison and James McGilvray, "Natural Resource and Environmental Economics", Pearson Education/Addison Wesley.	
2.	Charles Kolstad, "Intermediate Environmental Economics", Oxford University Press	

<b>COURSE CODE: BAEC53A</b>		
<b>COURSE TITLE: Issues In Indian Economy</b>		
<b>UNITS</b>	<b>CONTENTS</b>	
I	National Income:Trends in Growth and Structure – Unemployment: Recent Trends and Estimates,Employment Policy under different Plans, New Economic Policy And Employment Prospect – Poverty Analysis	
II	The Industrial Environment at Independence – Industrial Policy of 1956 – Performance of Industrial Licensing System – Economic Reforms and New Industrial Policy Industry – Indian Industry in the Contemporary context.	
III	Agriculture Performance: Growth and Productivity – Agriculture Policy: Institutional Reforms,Credit Reforms, Agrarian Reforms – Agricultural Technology,Resources and Investment – Economic Reforms and Their Impact on Agriculture:Emerging Perspective.	
IV	Rationale for Economic Reforms – History of Economic Reforms –Current Phases of Reforms – Public Sector Enterprises – Privatisation and Competetion – Financial Sector Reforms – Planning in the context of Liberalisation – Economic Liberalisation and Regional Planning in India.	
V	The Nature of Global Economy – Development in the World Economy – India’s Economic Reforms in The Global Context – Foreign Trade Policy – Convertibility of Rupee – Impact of WTO on Indian Economy – Foreign Investment and Multinational Corporations.	

	<b>SUGGESTED BOOKS</b>	
1	Bardhan,P.,”The Political Economy of Development of India”,OUP.	
2	Jalan,Bimal(Ed),”The Indian Economy – Problems and Prospects”,Viking.	
3	P.K.Dhar,”Indian Economy”.	

<b>COURSE CODE: BAEC53B</b>		
<b>COURSE TITLE: International Economics</b>		
<b>UNITS</b>	<b>CONTENTS</b>	
I	The main propositions of Heckscher-Ohlin Model – Rybczynski Theorem – Heckscher-Ohlin Theorem – Stolper-Samuelson Theorem – Factor Price Equalization Theorem Alternative Trade Theories:Vent for Surplus – Availability – increasing Returns to Scale – Monopolistic Competetion and International Trade – Imitation Gap and Product Cycle Theories of Trade.	
II	Effects of Growth on Trade – Growth, Trade and National Income – Trade and Technical Progress – Terms of Trade Effects – Prebisch-Singer Thesis.	
III	Types of Tariff – Partial Equilibrium Analysis of Tariff – General Equilibrium Analysis(Small Country case) – Tariff and World Welfare Tariff and Income Distribution – Effective Protection – Economic and non-Economic Arguments for Protection. Instruments of Commercial Policy:Export Tax and Subsidy – Quantitative Restrictions – International Cartels – Dumping – Other Non-Tariff Barriers, Preferential Trading Club – Free trade Area – Customs Union – Common Market – Economic Union Trade Creation and Diversion – Dynamic Effects of Customs	
IV	Portfolio and Direct Investment – Theory of Direct Investment – Effects on Host and Investing Countries – Direct Investment and Exploitation, International Monetary System and Characteristics of a good IMS – the Gold Standard – Inter-War Period – The Bretton Woods System – Present System of Managed Flexibility Union – Optimum currency Area – European Monetary System	
<b>SUGGESTED BOOKS</b>		
1	Soderston.B.,”International Economics”, Tat McGraw Hill	
2	Chacholiades,M.,”International Trade:Theory and Policy”,McGraw Hill	

**COURSE CODE: BAEC54A**

**COURSE TITLE: Mathematical Method For Economic Analysis**

<b>UNITS</b>	<b>CONTENTS</b>	
I	Matrix Algebra-type of matrices-matrix inversion and solution of simultaneous equations-Cramer's rule-Rank of a matrix-trace of a matrix-application of partial equilibrium market model, national income model, external sector model-static and dynamic open input-output models.	
II	Basic rules of differentiation-rules of differentiations involving more than one functions of the same variable-Rules of differentiation involving functions of different variables-higher order derivatives-applications relating to derivation of elasticity, revenue function, cost function, tax yield in competitive market, tax yield and income multiplier, derivations of other marginal functions.	
III	Rules of partial and total differentiations-derivative of implicit function-application to comparative static analysis of market model, national income model and input-output model-determination of partial elastic ties of demand-problems relating to indifference curve, isoquant, production function and Euler's theorem.	
IV	Unconstrained maxima and minima with a single explanatory variable-applications to cost minimization, revenue maximization, tax revenue maximization, profit maximization and equilibrium of firm, Unconstrained maxima and minima with more than one explanatory variables-applications to discriminatory monopoly, Multiproduct equilibrium, Multiplan equilibrium, equilibrium of firm with advertisement cost and subsidy.	
V	Applications relating to derivation of total functions from marginal functions, estimation of consumer's surplus, producer's surplus.	
<b>SUGGESTED BOOKS</b>		
1.	A.C. Chiang, "Fundamental Methods of Mathematical Economics", McGraw Hill.	
2.	S. Baruah, "Basic Mathematics and its Economics Applications", MacMillan.	

<b>COURSE CODE: BAEC54B</b>		<b>Marks</b>
<b>COURSE TITLE: Statistical Methods for Economic Analysis</b>		
<b>UNITS</b>	<b>CONTENTS</b>	
I	Axiomatic Definition and derivation of Basic Probability Rules – Conditional Probability, Baye’s Theorem (Concept only) – Random variable – Mathematical Expectation and Moments relating to both Discrete and Continuous random variables.	
II	Binomial, Poisson and Normal – Moment Generating Function (Definition only) – The Central Limit Theory(without Proof)	
III	Pareto’s Laws of Income Distribution – Log-normal Distribution – Lorenz Curve and Ginni Coefficient .	
IV	Relation Between Laspayre’s and Paasche’s Index Numbers – Time Reversal, Factor Reversal, Circular test of Index Number – Fisher’s Index Number – Chain Base Index Number – Base Shifting, Splicing and Deflating – Indices of Industrial Production.	
	<b>SUGGESTED BOOKS</b>	
1.	Yamane, Taro, “Statistics – An Introductory Analysis”.	
2.	Hooda, P.R., “Statistics for Business and Economics”, Macmillan.	

### **Semester VI**

<b>COURSE CODE: BAEC61</b>		
<b>COURSE TITLE: Economic History Of India 1857-1947 AD</b>		
<b>UNITS</b>	<b>CONTENTS</b>	
I	Introduction: Colonial India: Background and Introduction Overview of colonial economy.	
II	Macro Trends National Income; population; occupational structure.	
III	Agriculture Agrarian structure and land relations; agricultural markets and institutions – credit, commerce and technology; trends in performance and productivity.	
IV	Infrastructure and Industrial Sector.	
V	Drain of wealth; international trade, capital flows and the colonial economy.	
	<b>SUGGESTED BOOKS</b>	
1	Lakshmi Subramanian, “History of India 1707-1857”, Orient Blackswan	
2	Sumit Guha, 1991, ‘_Mortality decline in early 20th century India’, Indian Economic and Social History Review (IESHR).	

<b>COURSE CODE: BAEC62</b>	
<b>COURSE TITLE: Development Economics</b>	
<b>UNITS</b>	<b>CONTENTS</b>
I	Concept of Development-alternative measures of development, difference between growth and development, Factors affecting development.
II	Growth Models- Marx model, The Harrod-Domar model, the Solow model and its variants.
III	Poverty and Inequality: Definitions, Measures and Mechanisms Inequality axioms; a comparison of commonly used inequality measures; connections between inequality and development; poverty measurement; characteristics of the poor; mechanisms that generate poverty traps and path dependence of growth processes.
IV	Functioning of state institutions; state ownership and regulation; government failures and corruption.
	<b>SUGGESTED BOOKS</b>
1	Debraj Ray, Development Economics, Oxford University Press.
2	Partha Dasgupta, Economics, A Very Short Introduction, Oxford University Press.

<b>COURSE CODE: BAEC63A</b>	
<b>COURSE TITLE: Advanced Microeconomics</b>	
<b>UNITS</b>	<b>CONTENTS</b>
I	A Review of indifference curve and revealed Preference Approach-Violation of the Premises of indifference curve Approach: Satiation and Lexicographical Ordering.
II	Discounting and present value- inter-temporal Consumption Decision- Inter-temporal Production Decision- Evaluation of Investment Projects- Determination of the rate of Interest; Attitude Towards Risk-Expected Utility-Measures of Risk Aversion-Certainty Equivalence and the cost of Risk-Economics of Insurance. –Asymmetric Information and Adverse Selection – Moral Hazard.
III	Partial Versus General Equilibrium Approaches – Meaning of General Equilibrium – Walrasian General Equilibrium System: Tatonnement; Existence, Stability and Uniqueness of the Equilibrium – Introductions to the Contributions of Arrow and Debreu – Critique of General Equilibrium Theory – Non-tatonnement Process.
IV	Pareto Optimality – The Fundamental Theorems of Welfare Economics – Market Failure: Externality and public good – Effects of Non-price



	Allocations and price control – problem of Welfare Maximization: Compensation Principle, Social Welfare Function – social Choice: Contributions of Arrow and Sen.	
<b>SUGGESTED BOOKS</b>		
1.	Layard and Walters, “Microeconomic Theory”	
2.	Gravelle and Rees, “Microeconomics”, Longman.	

<b>COURSE CODE: BAEC63B</b>		
<b>COURSE TITLE: Macroeconomic Theory-II</b>		
<b>UNITS</b>	<b>CONTENTS</b>	
I	The Money Demand – The Classical Approach – The Keynesian Approach – Friedman’s Contribution – The Approaches of Baumol and Tobin: Inventory Theoretic Approach – The Portfolio Balance Approach.	
II	Classical, Keynesian and Monetarist approaches to inflation; Philips Curve Analysis – Short run and long run Philips curve – the natural rate of unemployment hypothesis; Adaptive Expectations – Rational Expectations – The New Classical Approach and its Policy Implications – Empirical Evidence.	
III	Exchange Rate – Balance of Payments – Relationship between the current account and the capital and financial account – Disequilibrium in International Payment, Adjustment Mechanisms under various Exchange Rate Regimes, Devaluation and Exchange Control – The Monetarist Approach to the Balance of Payments.	
IV	Theories of Kaldor, Samuelson and Hicks – Control of Business Cycles – Relative efficacy of Monetary and Fiscal policies.	
<b>SUGGESTED BOOKS</b>		
1.	Brooman, F.S., “Macroeconomics”	
2.	Branson, W.H., “Macroeconomics: Theory and Policy”	

**COURSE CODE: BAEC64A****COURSE TITLE: Population And Human Resource Development**

<b>UNITS</b>	<b>CONTENTS</b>	
I	The Malthusian Theory of Population – Theory of Optimum Population – Theory of Demographic Transition – Population as Limits to Growth and as ‘ Ultimate Source’ – Sources of Population Data – Population Pyramids, Population Change: Concepts and Measurement – Characteristics of Indian Population as revealed by the latest Census.	
II	Vital Rates: Measures of Fertility – Crude Birth Rate, General Fertility Rate, Age Specific Fertility Rates, Measures of Reproductivity – Total Fertility Rate, Gross Reproduction Rate, Net Reproduction Rate – Measures of Mortality – Crude Death Rates, Age Specific Death Rates, Concept of Infant Mortality Rate, Life Table – Concept, Types and Uses, The Different Columns of a Complete Life Table.	
III	Education and Human Resource Development – Education and Economic Development – Cost-Benefit Analysis of Education – Measurement of Costs – Measurement of Benefits – The Rate of Return of Investment in Education – Social Rate of Return to Investment in Education – Public and Private – Financing of Education: Criteria for Adequacy of Education Finance, Traditional as well as Modern concept of adequacy – Financing of Education and Equity – Financing For Higher Education in India and Its Problems.	
IV	Significance and Problems, Measurement – Manpower demand and Supply – Methodological Issues in Estimating Manpower demand and Supply – Input-output Method in Forecasting Manpower Requirement – Educational Planning and its Economic Aspects, Meaning and Concept of Brain Drain – Brain Drain and Underdeveloped countries .	
<b>SUGGESTED BOOKS</b>		
1	Bhende , A., and R. Kanitkar , ”Principles of Population Studies”.	
2	Gupta and Kapoor , “Fundamentals of Applied Statistics”.	
3	Goon Gupta , Das Gupta, “Fundamentals of Statistics”, Vol. II.	

**COURSE CODE: BAEC64B****COURSE TITLE: Financial System**

<b>UNITS</b>	<b>CONTENTS</b>	
I	Components of The Financial System: Institutions, Markets, Instruments and Services – Functions of the Financial System – Relationship Between the Financial System and Economic Growth.	
II	Structure and Functions – Instruments in the money market – Treasury Bill, Call Money Market, Commercial Papers, Certificate of Deposits and Commercial Bills. Money Market Intermediaries: The Discount and Finance House of India and Money Market Mutual Funds. Liquidity Management instruments in The Money Market – Money Market Derivatives.	
III	Structure and Functions of the Capital Market – Primary Equity Market: Instruments of Resource mobilization – Public Issues, Right Issues and Private Placement. Resource mobilization from International Capital Market – Secondary Equity Market: Function of the Secondary Market. The Stock Market and Its Operation . Stock Market Index – The BSE SENSEX and the NSE Nifty – Derivative Equity Market: Nature of Derivatives and Their Benefits. Types of Financial Derivatives – Debt Market: Participants in the Debt Market – The Private Corporate Debt Market, The PSU Bond Market and the Government Securities Market, MF Role and Types of MF – Concepts of NPV.	
IV	The Time Value of Money and Asset Pricing – The Valuation of debt Instruments – the Equilibrium price and quantity of bonds: loanable fund approach, demand and supply approach – valuing stock and other assets – income stocks and growth stocks – Equilibrium price and value of stock transactions.	
V	Evolution of Banking System in India – Banking Sector Reforms – Reforms in the Capital Market .	
<b>SUGGESTED BOOKS</b>		
1	Pathak, Barati, B., "Indian Financial System", Pearson Publication.	
2	Chandler, V. L. , "The Economics of Money and Banking".	
3	Gupta, S.B., "Monetary Economics: Institutions, Theory and Policy".	