

**DEPARTMENT OF ENGLISH
HALAKURA COLLEGE, HALAKURA
SYLLABUS FYUGP**

PAPER 1 ENGLISH CORE ENGLISH LITERARY AND SOCIAL HISTORY

Course Objective:

This paper is designed to introduce students to English literary and social history in terms of ideas and/or events that bear on the production of texts earmarked for study of the basics of English literature. Students will here be expected to familiarise themselves with the literary and social aspirations of English as revealed in its literature through the different periods and ages. The paper is designed to sensitise the students to the vast panorama of socio-cultural changes across different ages.

Key Features:

A chronological focus on English literary and cultural history. An engagement with the essential timeline for contextualizing literature. A focus on location, culture, text and context in the shaping of literary traditions. A close processing of cultural and social imperatives in the development of the worlds of literary markers. An engagement that enables the placement of literary studies within a broad but grounded spectrum of reading processes that open new pathways of critical reception.

Paper	Course Outcome
Paper 1 English CORE English Literary and Social History	This paper on English Literary and Social History aims to enable students to acquaint themselves with literary and cultural institutions understand the contexts of literature, engage with social and political realities that have impacted English literature, learn the different trajectories of social and cultural movement, analyse the inter-connections between texts, contexts and influences, situate modes of reading through an examination of social and cultural embeddedness in the context of English literature.

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Paper 2 English CORE Forms, Genres and Concepts of English Literature

Course Objective

This paper is designed to introduce students to the major forms, genres and concepts of English literature. Students will here be expected to familiarise themselves with the themes, ideas and different generic dimensions of literary writing and practice. The topics are broad and general enough to be readily manageable in the second semester and have been selected with a view to enable students to connect and associate these concepts and forms with reference to texts and their specific contexts.

Key Features

A genre-based focus on English literary practice. • An engagement with the essential forms for contextualising literature. • A focus on forms of textual writing and their impact in the shaping of literary traditions. • A close processing of generic and formative imperatives in the development of the primary markers in English literature An engagement that enables the placement of English literary studies within a broad but grounded • spectrum of reading processes that open new pathways of critical reception.

Paper	Course Outcome
Paper 2 English CORE Forms, Genres and Concepts of English Literature	This paper on the major forms, genres and concepts of English literature aims to enable students to acquaint themselves with the fundamental categories of literary practice, both in terms of their emergence in history and by reference to the way they have evolved in practice. Students will also be able to situate and envision the interconnections between these terms, apart from engaging with the variations and departures through the study of these concepts and forms.

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Paper 3 English CORE Rhetoric, Prosody, Grammar and Comprehension

Course Objective

This course on Rhetoric, Prosody and Comprehension is designed to enable the graduates to acquire, by the end of this course, a comprehensive knowledge of literary devices and their effective use in both academic and non-academic sectors. Graduates will also be able to develop critical thinking and analytical reasoning which will enable them to think out of the box in their professional lives as well. By the end of the course the graduates should also be able to make a practical application of the information and communication technology that will be used in the classes to illustrate the concepts in rhetoric and prosody. Graduates will further acquire listening, understanding and analytical skills as part of the comprehension component of the course.

Key Features:

to equip students with the basics of understanding and appreciating texts through literary• devices to develop an expertise in the practical application of rhetorical devices in English• to hone their practical skills in applying the knowledge of literature in their personal, social and• professional interactions

Paper	Course Outcome
Paper 3 English CORE Rhetoric, Prosody, Grammar and Comprehension	A detailed knowledge of the most widely used concepts of rhetoric and prosody in literature in English The ability to identify and use these concepts in both academic and non-academic fields as well as• in one’s own use of English The practical application of these concepts in close reading of literature• The ability to analyze and interpret texts in terms of their literary and representational qualities•

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Paper 4 English CORE British Poetry: Renaissance to Romanticism

Course Objective

This course will introduce the students to some of the best examples of British poetry written between the sixteenth and the early nineteenth century. It will give the students a fair idea of what constitutes the canon within this time frame and make the students cognizant of the dominant genres of the different epochs. The paper will situate the various thematic concerns within their historical contexts.

Paper	Course Outcome
Paper 4 English CORE British Poetry: Renaissance to Romanticism	Having completed this paper, the student will be able to locate the poetic text within the contextual framework, it will facilitate the understanding of the genre, themes, structures and the philosophical underpinnings of poetry. Students will be able to distinguish between the subtle differences of the poetic voice in different epochs.

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Paper 5 English CORE British Drama: Renaissance to the Eighteenth Century

Course Objective

This course will encourage the student to understand drama as a distinctive literary genre with unique characteristics. It will introduce the students to some representative examples of British Drama written between the Renaissance and the eighteenth century. The paper will familiarize students with the evolution and growth of drama as the dominant genre during the Renaissance and its displacement in the later epoch. Students will be able to situate the various thematic concerns within their historical contexts and locations

Paper	Course Outcome
Paper 5 English CORE British Drama: Renaissance to the Eighteenth Century	Having completed this paper, the student will be able to locate the dramatic text within its historical, contextual and performative framework. Students will understand the generic differences between various modes of drama and recognize the themes and the dialectical interplay that affect the structuring of the plays which will enable various ways of critically engaging with the dramatic text.

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Paper 6 English CORE British Fiction: Augustan to Victorian

Course Objective

Through the carefully selected texts, to give the students an in-depth idea of the evolution and timeline of the British novel from Augustan to Victorian times -- To acquaint the students about different novel forms of this time-period such as picaresque fiction and the bildungsroman -- To enlighten the students about the fundamentals of traditional fiction

Paper	Course Outcome
Paper 6 English CORE British Fiction: Augustan to Victorian	The students will acquire the necessary knowledge about different contexts that shape novel-writing. They will be able to analyse novels of the period in terms of elements such as plot, character and setting.

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Paper 7, English CORE: British Poetry: Victorian to Postmodern

Objective of the Paper

This paper is designed to introduce students to English poetry from the Victorian period to the present. Students will have an opportunity to engage with and read the major poets covering two centuries of verse composition encompassing a variety of poetic styles and practices.

Learning Objectives

This paper on British Poetry, Victorian to Postmodern aims to enable students to acquaint themselves with the poetic traditions of the last two centuries. It is designed to facilitate a sustained critical responsiveness to the forms and variations of poetic practice through a sampling of writing that charts the development of poetry in English.

Course Objectives

This paper on British Poetry, Victorian to Postmodern aims to enable students to acquaint themselves with the poetic traditions of the last two centuries. It is designed to facilitate a sustained critical responsiveness to the forms and variations of poetic practice through a sampling of writing that charts the development of poetry in English.

Paper	Course Outcome
Paper 7 English CORE British Poetry: Victorian to Postmodern	Course Outcome A focus on English poetry of the Victorian age and the following period up to the present. • An engagement with the essential poetic themes through specific poems. • A focus on the issues shaping literary traditions in poetry of the stated periods. • A close processing of cultural imperatives in the development of British poetry up to the present • choice of plot and characterisation. • learn about Avant Garde or experimental drama.

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Paper 8 English CORE British Drama: Victorian to Postmodern

Course Objective: This course would enable the students: • to learn about Modern British Drama from the early years of the twentieth century to the new millennium • to do close reading of the plays by British playwrights. • to understand genre, style and theme of these plays. • to locate British drama within its historical contexts. • to learn how social and political situations influence playwrights' choice of plot and characterisation. • learn about Avant Garde or experimental drama. Learning Objectives

Paper	Course Outcome
Paper 8 English CORE British Drama: Victorian to Postmodern	After completion of the course, a student would: • learn literary tradition, historical and cultural contexts of a play. • know various new techniques and forms of drama • learn to analyse a play. • evaluate gestures and use of time/space by different playwrights. • apply concepts of dramatic composition and performance • get ideas of stagecraft, direction and key scene compositions. • analyse how plays deal with personal and public spaces. • learn British drama and its significance in World Literature

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Paper 9, English CORE: Life Narratives

Course Objectives: Students will be educated about the distinctiveness and variety of the genre of Life Narratives -- At the same time students will be exposed to the range and inclusiveness of the genre, which has many sub-genres that invite study -- Students will be acquainted with narratological approaches which lead to more analytical interpretations of Life Narratives -- They will also learn about the affinities with other genres and disciplines such as History and Fiction.

Paper	Course Outcome
Paper 9, English CORE: Life Narratives	At the end of the Course the students should be able to -- Go beyond the traditional approaches to study Life Narratives, which are often confined to splitting the genre into biographies and autobiographies of canonical western authors. -- Appreciate the broader conditions and contexts that enable and nurture Life Narratives in specific junctures of history -- Be equipped to closely look at themes and strategies employed by the writers and write critical essays on them.

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Paper 10, English CORE: Fiction: Modern and After

Course Objectives: This paper is designed to • Give students an overview of the development of fiction in the English language during the 20th & 21st centuries • Familiarize them with the contexts in which fiction emerges in different cultures in this period • Acquaint them with themes and concerns of this fiction.

Paper	Course Outcome
Paper 10, English CORE: Fiction: Modern and After	<ul style="list-style-type: none">• Comprehensive historical knowledge of fiction in the 20th and 21st centuries (disciplinary attribute)• Critical thinking (critical and analytical ability to understand contemporary life and times through the fiction)• Creativity (Enhanced imagination and emotional intelligence through exposure to a variety of human situations and experiences in fiction)• Multicultural spirit (Broad perspective on diversity and multiple cultures)

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Paper 11, English CORE: Literary Criticism

Course Objectives: This paper is designed to • Provide learners with a foundational understanding of the genesis and development of the field. • Familiarize learners with the various concept and thoughts generic to the field. • Provide training into critical approached to various genres of literature. • Provide insights into various critical tools required for the study of literature.

Paper	Course Outcome
Paper 11, English CORE: Literary Criticism	Comprehensive historical knowledge of the growth of criticism from the beginning to the 20th century. • Critical ability to comprehend and examine texts. • Critical understanding of the difference between genres of literature.

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Paper 12, English CORE: Women's Writing

Course Objectives: This course will acquaint students with women's writing across genres, cultures and historical periods. They will study these writings with the help of some key concepts and ideas in women's/feminist studies. The study of the specific texts will develop the students' critical thinking and analytical abilities. They will acquire knowledge of different cultures and the challenges faced by women in diverse social settings. They will develop empathy and gender sensitivity which will help them to tackle problems in real life situations.

Paper	Course Outcome
Paper 12, English CORE: Women's Writing	<ul style="list-style-type: none">• An understanding of the basic concepts which are of use in analyzing women's writing• A familiarity with women's writing across genres, times and cultures• An ability to analyze a text setting it against its socio-cultural and historical background• An appreciation of the basic themes, issues and stylistic features of a particular piece of women's writing.

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Paper 13, English CORE: Literature and the Environment

Course Objectives: To equip students with a comprehensive knowledge of multiple perspectives on the relationship between literature and environment. ☐ To provide students with a historical and contextual knowledge of the representation of and approaches to the environment through literature. ☐ To develop skills in critical analysis, research, and writing, which will enable students to engage in scholarly discussions on this area. ☐ To develop in the students a critical vocabulary pertaining to the field of environmental humanities.

Paper	Course Outcome
Paper 13, English CORE: Literature and the Environment	This course on Literature and the Environment focuses on exploring the relationship between literature and the environment, which has been an ongoing topic of exploration for many decades now. Literature has the ability to capture and reflect the myriad and complex relationships between humans, non-human animals and the environment. The course thus aims to provide a comprehensive understanding of the ways in which environmental concerns and the ecological crisis in the contemporary world are represented and addressed in literature.

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Paper 14, English CORE: Northeast Indian Literature

Course Objectives: This course on Northeast Indian Literature is designed to familiarize students with the literature emerging from the 8 states of Northeast India so that as students from the region they know the history, culture, oral and writing traditions as well as the diversity of the region. While some writers write in English, some works will be read in English translations. The course aims: • To provide a sampling of literatures in English and in translation • To train students to appreciate literature emerging from Northeast India • to make students see how folk stories, myths and legends frame the narratives of the region • To introduce students to the themes, concerns and styles adapted by the writers and also look at aspects which are specific to the region and find reflection in their works.

Paper	Course Outcome
Paper 14, English CORE: Northeast Indian Literature	Having studied core English literature in the previous semesters the students are expected to expand their horizons of English studies which includes literatures other than British. By the end of the course the students are expected to have developed an understanding of: • The Folk in Narrative as many writers are seen to draw resources for their work from available folk forms and tales. • Myths and Legends how they are reworked and find expression in the prescribed texts. • The Diverse Traditions, History and Landscape specific to each state of the region which find reflection in the representative works.

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Paper 15 (Any one option), English CORE: Indian Writing (Option A)

Course Objectives: The course aims to: • give the student a taste of Indian writing from different regions of the country. • to make students see how different historical and cultural backgrounds of the various Indian languages and literatures add to the complexity of Indian Writing. • To introduce students to the themes, concerns and styles adapted by the writers and also look at aspects which are specific to the region and find reflection in their works.

Paper	Course Outcome
Paper 15 (Any one option), English CORE: Indian Writing (Option A)	<ul style="list-style-type: none"> • Critical thinking (A wide familiarity with the range of themes that are evoked from the Indian context; the rich and innovative styles used by the writers; the Indian literary landscape; concepts in postcolonial studies and the practical application of these in reading and interpreting Indian literature.) • Analytical reasoning/thinking (The ability to critically analyze and interpret texts in terms of their literary and cultural qualities with specific reference to the Indian literary landscape, and an awareness of the political aspects of any literary representation.) • Research-related skills (The ability to problematize concepts in Indian literature and culture and consequently to ask relevant questions regarding them.) • Creativity (An ability to view a problem or situation from multiple perspectives to develop a richer, more nuanced, and more analytical responses to it) • Multicultural competence and inclusive spirit (A capacity for the minute observation of attitudes and beliefs of diverse cultures that find their way into literature. An extensive knowledge of the values and beliefs of multiple cultures. Acquisition of a sensitive and an empathetic approach to multiple cultures and multiple identities and the literature emerging from that.)

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Paper 15 (Any one option), English CORE: American Literature (Option B)

Course Objectives: This paper is designed to • Give students a general understanding of the development of American Literature • Familiarize them with historical contexts of this literature • Acquaint them with themes and forms that makes this literature distinctive.

Paper	Course Outcome
Paper 15 (Any one option), English CORE: American Literature (Option B)	<ul style="list-style-type: none">• Comprehensive literary-historical knowledge (disciplinary attribute)• Critical thinking (critical and analytical ability in comprehending today's world)• Creativity (Enhanced imagination and emotional intelligence through exposure to a variety of situations in American literary experience)• Multicultural spirit (Broad perspective on diversity and multiple cultures)• Empathy (Ability to empathize with and understand human suffering and the creative expression of moods and emotions)

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Paper 15 (Any one option), English CORE: Shakespeare (Option C)

Course Objectives: Give students a sense of Shakespeare in his time ☐ Acquaint them with Shakespeare's plays, poetry, and themes ☐ Point them towards the afterlife of Shakespeare in other sites, media and forms.

Paper	Course Outcome
Paper 15 (Any one option), English CORE: Shakespeare (Option C)	Comprehensive knowledge of the subject of this paper ☐ Creativity (Think in new ways about issues and concerns of our world) ☐ Communication skills (Articulate complex thoughts with clarity and precision) ☐ Research related skills (Undertake research in the fields explored) ☐ Multicultural competence and inclusive spirit (Demonstrate national and global perspective on ☐ the field and sympathy for alternative modes of expression in the arts) ☐ Value inculcation (Demonstrate humanist, ethical and moral values) ☐ Empathy (Identify with and understand other perspectives and feelings)

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Paper 15 (Any one option), English CORE: Contemporary Writing (Option D)

Course Objectives: This paper is designed to introduce students to writings of the contemporary period from a variety of locations and cultures. Students will have an opportunity to engage with and read the major writers encompassing a variety of writing styles and practices and in different genres.

Graduate Attributes: Learning Objectives: This paper on Contemporary Writing aims to enable students to acquaint themselves with the writing traditions of the present times. It is designed to facilitate a sustained critical responsiveness to the forms and variations of writing practice through a sampling of literature that charts the development of creative texts in English. Texts originally written in other languages will also be studied in English translation for a more wide-ranging dialogue with global contexts in the present period.

Paper	Course Outcome
Paper 15 (Any one option), English CORE: Contemporary Writing (Option D)	A focus on contemporary writing through a reading of important texts. An engagement with the essential themes through a sustained critical assessment. A focus on the issues shaping literary traditions in the contemporary world. A close processing of cultural imperatives in the development of writing of the present times.

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Paper 15 (Any one option), English CORE: Contemporary Writing (Option D)

Course Objectives: This paper is designed to introduce students to writings of the contemporary period from a variety of locations and cultures. Students will have an opportunity to engage with and read the major writers encompassing a variety of writing styles and practices and in different genres.

Graduate Attributes: Learning Objectives: This paper on Contemporary Writing aims to enable students to acquaint themselves with the writing traditions of the present times. It is designed to facilitate a sustained critical responsiveness to the forms and variations of writing practice through a sampling of literature that charts the development of creative texts in English. Texts originally written in other languages will also be studied in English translation for a more wide-ranging dialogue with global contexts in the present period.

Paper	Course Outcome
Paper 15 (Any one option), English CORE: Contemporary Writing (Option D)	A focus on contemporary writing through a reading of important texts. An engagement with the essential themes through a sustained critical assessment. A focus on the issues shaping literary traditions in the contemporary world. A close processing of cultural imperatives in the development of writing of the present times.

DEPARTMENT OF ENGLISH
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FYUGP
Semester 1
Sub: Skill Enhancement Course (SEC)

ELT Skill-1

Developing Soft Skills in English

Course Description:

This course enables students to develop effective soft skills and behaviours that are critical for success in today's competitive job market. It equips students with the essential soft skills that they need to create a positive impression about themselves for both professional and personal success. The key skills introduced in this course include active listening, communication appropriate body language. It also familiarizes students with presentation skills, and creative and critical thinking skills.

Paper	Course Outcome
ELT Skill-1 Developing Soft Skills in English	After completing the course the students will be able to: <ul style="list-style-type: none">● demonstrate their understanding of effective soft skills● listen actively to interpret both verbal and non-verbal messages● deliver effective presentations● identify and solve a given problem by using creative and critical thinking skills● participate in group discussions confidently

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FYUGP
Semester 2
Sub: Skill Enhancement Course (SEC)

ELT Skill-2

Course Description:

Paper	Course Outcome
ELT Skill-1	

Department of Economics

Programme Outcome:

The UG Programme in Economics covers areas such as Introductory Microeconomics and Macroeconomics, International Economics, Indian Economics, Mathematical Economics, Economic Application, History of Economic Thought, Monetary System, Public Finance and so on.

On completion of this Programme, the students will be thoroughly acquainted with and understand the economic variables such as Inflation, Poverty, Unemployment, GDP etc. and will be able to grasp the trends and behavior patterns of money markets. They will thus be able to gather sufficient knowledge on the factors of economic growth. The students will be fully equipped with the knowledge and skills required for analyzing economic policies of the country; this also includes fiscal and monetary policies.

Programme Specific Outcome:

The Programme in Economics prepares learners to pursue careers as Professionals in any organization. They may also enter the field of research on economic spheres, make economic survey studies, market studies and so on or become economic advisors. Some even go for further studies in post-graduate level or BBA/MBA, Company Secretariship and so on. Many students compete Competitive Exams. Like APSC/UPSC, Banking etc.

SEMESTER – I

ECO - HC - 1016 Introductory Microeconomics:

Course Outcome

The course is designed to expose the students to the basic principles of Microeconomic Theory. Microeconomic Theory studies the behaviour of the Individual Firm with keeping pace to the fixation of price and output and their reactions to the changes in the demand and supply conditions. In this study the students are given the knowledge of utility, indifference curves, budget constraints and the equilibrium of the firms and industries. Again the market structure with profit maximizing behaviour of the individual firms are shown in short run cost and output decisions. Microeconomic Theory, thus, studies the Microeconomic variables of an individual firm in short run and long run cost conditions.

ECO - HC - 1026 Mathematical Methods in Economics – I

Course Outcome

The objective of this paper is to analyse the body of economic theory at the undergraduate level, especially the courses on microeconomic theory, macroeconomic theory, statistics and econometrics set

out in the syllabus. Again, mathematical methods in economics is compulsory at present in the syllabus because the economic theories and various models are illustrated mathematically to know the area of economic science in a systematic way. The level of such illustration is to be taught among the students by the contents of the prescribed text books.

SEMESTER - II

ECO-HC- 2016: Introductory Macroeconomics:

Course Outcome

This course analyses the behaviour of whole economic activities like savings, investment, GDP, Money, Inflation and the Balance of Payments. It aims to introduce the students to the basic concepts of aggregative knowledge of economics to frame a reasonable economic plan in the undergraduate level. Does, macroeconomics examines the economic behaviour of a society in the form of income, employment, consumption, investment in an aggregative form.

ECO - HC - 2026 - Mathematical Methods in Economics - II

Course Outcome

This course is the second part of a compulsory two – course sequence. The objective of the course is to transmit the body of basic mathematics that enables the study of economic theory at undergraduate level, specifically the courses on microeconomic theory, macroeconomic theory, statistics and econometrics set out in this syllabus. In this course, linear algebra, functions, differential equations are shown in economics with solving different problems.

SEMESTER - III

ECO - HC - 3016: INTERMEDIATE MICROECONOMICS - I

Course Outcome

This course is designed to provide a sound training in microeconomic theory to formally analyze the behaviour of individual agents. In this course, the budget constraints, the revealed preference hypothesis, different forms of cost and revenues are analyzed to show the microeconomic behaviour of the individual consumer, producer and the behaviour of a competitive firm. This course is designed to prove economic behaviour of a firm among the students with the quantitative techniques to facilitate the understanding of the basic concepts of micro variables.

ECO - HC - 3026: INTERMEDIATE MACROECONOMICS - I

Course Outcome

This course introduces the students to formal modeling of a macro - economy in terms of analytical tools. It discusses various alternative theories of output and employment determination in a closed economy in

the short run as well as medium run, and the role of policy in this context. It also introduces the students to various theoretical issues related to an open economy.

ECO - HC - 3036: STATISTICAL METHODS FOR ECONOMICS

Course Outcome

This is a course on statistical methods for economics. It begins with some basic concepts and terminology that are fundamental to statistical analysis and inference. It then develops the notion of probability, followed by probability distributions of discrete and continuous random variables and of joint distributions. This is followed by a discussion on sampling techniques used to collect survey data. The course introduces the notion of sampling distributions that act as a bridge between probability theory and statistical inference. The semester concludes with some topics in statistical inference that include point and interval estimation.

SEMESTER – IV (Core)

ECO-HC-4016: INTERMEDIATE MICROECONOMICS - II

Course Outcome

This course is a sequel to Intermediate Microeconomics - I. The emphasis will be on giving conceptual clarity to the student coupled with the use of mathematical tools and reasoning. It covers general equilibrium and welfare, imperfect markets and topics under information economics.

ECO-HC-4026: INTERMEDIATE MACROECONOMICS - II

Course Outcome

This course is a sequel to intermediate macroeconomics. In this course, the students are introduced to the long run dynamic issues like growth and technical progress. It also provides the micro foundations to the various aggregative concepts used in the previous course.

ECO-HC-4036: INTRODUCTORY ECONOMETRICS

Course Outcome

This course provides a comprehensive introduction to the basic econometric concepts and techniques. It covers statistical concepts of hypothesis testing, estimation and diagnostic testing of simple multiple regression models.

SEMESTER – V (Core)

ECO-HC-5016: Indian Economy – I

Course Outcome

Using appropriate analytical frameworks, this course reviews major trends in economics indicators and policy debates in India in the post-Independence period, with particular emphasis on paradigm shifts and turning points.

ECO-HC-5026: Development Economics – I

Course Outcome

The course begins with a discussion of alternative conceptions of development and their justification. It then proceeds to aggregate models of growth and cross-national comparisons of the growth experience that can help evaluate these models. The axiomatic basis for inequality measurement is used to develop the measures of inequality and connections between growth and inequality are explored. The course ends by linking political institutions to growth and inequality by discussing the role of the state in economics development and the informational and incentive problems that affect state governance.

ECO-HE-5026: Money and Financial Markets (DSE)

Course Outcome

This course exposes students to the theory and functioning of the monetary and financial sectors of the economy. It highlights the organization, structure and role of financial markets and institutions. It also discusses interest rates, monetary management and instruments of monetary control. Financial and banking sector reforms and monetary policy with special reference to India are also covered.

ECO-HE-5036: Public Finance (DSE)

Course Outcome

This course is a non-technical overview of government finances with special reference to India. The course does not require any prior knowledge of economics. It will look into the efficiency and equity aspects of taxation of the centre, states and the local governments and the issues of the fiscal federalism and decentralization in India. The course will be useful for students aiming towards careers in the government sector, policy analysis, business and journalism.

ECO-RE/GE-5016: Economic Development and Policy in India-I

Course Outcome

This Course reviews major trends in aggregate economic indicators in India and place these against the backdrop of major policy debates in India in the post- Independence period.

ECO-RE/GE-5026: Money and Banking

Course Outcome

This course exposes students to the theory and functioning of the monetary and financial sectors of the economy. It highlights the organization, structure and role of financial markets and institutions. It also discusses interest rates, monetary management and instruments of monetary control. Financial and banking sector reforms and monetary policy with special reference to India are also covered.

SEMESTER – VI (Core)

ECO-HC-6016: Indian Economy-II

Course Outcome

This course examines sector-specific policies and their impact in shaping trends in key economic indicators in India. It highlights major policy debates and evaluates the Indian empirical evidence. Given the rapid changes taking place in the country, the reading list will have to be updated annually.

ECO-HC-6026: Development Economics-II

Course Outcome

This is the second module of the economic development sequence. It begins with basic demographic concepts and their evolution during the process of development. The structure of markets and contracts is linked to the particular problems of enforcement experienced in poor countries. The governance of communities and organizations is studied and this is then linked to questions of sustainable growth.

The course ends with reflections on the role of globalization and increased international dependence on the process of development.

ECO-HE-6016: Environmental Economics (DSE)

Course Outcome

This course focuses on economic causes of environmental problems. In particular, economic principles are applied to environmental questions and their management through various economic institutions, economic incentives and other instruments and policies. Economic implications of environmental policy are also addressed as well as valuation of environmental quality, quantification of environmental damages, tools for evaluation of environmental projects such as cost-benefit analysis and environmental impact assessments. Selected topics on international environmental problems are also discussed.

ECO-HE-6026: International Economics (DSE)

Course Outcome

This course develops a systematic exposition of models that try to explain the composition, direction and consequences of international trade, and the determinants and effects of trade policy. It then builds on the models of open economy macroeconomics developed in courses 02 and 12, focusing on national policies as well as international monetary systems. It concludes with an analytical account of the causes and consequences of the rapid expansion of international financial flows in recent years. Although the course is based on abstract theoretical models, students will also be exposed to real-world examples and case studies.

ECO-HE-6036: The Economy of Assam

Course Outcome

This course will provide students an idea of evolution of the Assam Economy from the colonial period to the contemporary time. The course is expected to help students to better appreciate the challenges and opportunities of the economy of Assam in the present context.

ECO-RE/RG-6016: Economic Development and Policy in India-II

Course Outcome

Building on the more aggregative analysis of trends in the Indian Economy offered in Economic Development and Policy-I, this course examines sector-specific trends in key indicators and their implications in the post-Independence period.

Four Year Undergraduate Programme

Subject: Economics

Template for Economics

Programme name	Eligibility Criteria of the programme, if any	Semester	Course name	Course code	Credit distribution of the course			Pre-requisite of the course (if any)	Internal marks	External Marks	
					L	T	P				
FYUGP in Economics (Major/ Minor)	No	1	Introductory Economics	ECO010104	4	4	0	0	No	40	60
		2	Basic Elements of Economics	ECO020104	4	4	0	0	No	40	60
		3	Intermediate Economics	ECO030104	4	4	0	0	No	40	60
		4	Public Finance	ECO040104	4	4	0	0	ECO010104	40	60
			Advanced Macroeconomics (Compulsory for MINOR)	ECO040204	4	4	0	0	ECO010104 ECO030104	40	60
			Introductory Quantitative Techniques for	ECO040304	4	4	0	0	ECO020104	40	60

			Economics								
			Advanced Microeconomics (Compulsory for MINOR)	ECO040404	4	4	0	0	ECO010 104 ECO030 104	40	60
	5		Development Economics (Compulsory for MINOR)	ECO050104	4	4	0	0	ECO020 104	40	60
			Indian Economy	ECO050204	4	4	0	0	ECO020 104	40	60
			International Economics	ECO050304	4	4	0	0	ECO030 104	40	60
			Intermediate Quantitative Techniques for Economics	ECO050404	4	4	0	0	ECO040 304	40	60
	6		Assam Economy (Compulsory for MINOR)	ECO060104	4	4	0	0	No	40	60
			Basics of Econometrics	ECO060204	4	4	0	0	ECO040 304 ECO050 404	40	60
			Fundamentals of Financial Analysis	ECO060304	4	4	0	0	No	40	60
			Environmental Economics	ECO060404	4	4	0	0	No	40	60

Program me name (AEC/VA C/MDC/S EC)	Eligibilit y Criteria of the progra mme, if any	Sem este r	Course name	Course code	Credit s	Credit distributio n of the course			Pre- requis ite of the cours e (if any)	Internal marks	Externa l Marks
						L	T	P			
VAC		1	Environmenta l Studies	VAC011002	2	2	0	0		20	30
VAC		2	Environmenta l Assessment & Education	VAC020602	2	1. 5	0	.5		(12+15)	23

Economics Template for Common courses

Template for Economics (Fourth Year) (FYUGP in Economics with Honours)

Programme name	Eligibility Criteria of the programme, if any	Semester	Course name	Course code	Credits	Credit distribution of the course			Pre-requisite of the course (if any)	Internal marks	External Marks
						L	T	P			
FYUGP in Economics (Honors)	Economics as a major Subject upto 3 rd Year	7	Contemporary Economic Theory (C)	ECO070104	4	4	0	0	No	40	60
			Statistical Inference and Econometrics (C)	ECO070204	4	4	0	0	No	40	60
			Economics of Health (E)	ECO070304	4	4	0	0	No	40	60
			Environmental Valuation and Management (E)	ECO070404	4	4	0	0	No	40	60
			Population & Human Resource	ECO070504	4	4	0	0	No	40	60

			Economics (E)								
			Research Methodology for Social Science (C)	ECO070604	4	4	0	0	No	40	60
	8		Public Finance	ECO080104	4	4	0	0	No	40	60
			Indian Economy in the Global Environment (C)	ECO080204	4	4	0	0	No	40	60
			Agricultural Economics and Rural Development (E)	ECO080304	4	4	0	0	No	40	60
			Fundamentals of Financial Analysis (E)	ECO080404	4	4	0	0	No	40	60
			Development Economics: Theory and Practice (E)	ECO080504					No		
			Project Formulation and Execution (C)	ECO080604					No		

Template for Economics (Fourth Year) (FYUGP in Economics Honours with Research)

Program name	Eligibility Criteria of the programme, if any	Semester	Course name	Course code	Credits	Credit distribution of the course			Pre-requisite of the course (if any)	Internal marks	External Marks
						L	T	P			
FYUGP in Economics (Honours with Research)	Economics as a major Subject upto 3 rd Year	7	Contemporary Economic Theory (C)	ECO070104	4	4	0	0	No	40	60
			Statistical Inference and Econometrics (C)	ECO070204	4	4	0	0	No	40	60
			Economics of Health (E)	ECO070304	4	4	0	0	No	40	60
			Environmental Valuation and Management (E)	ECO070404	4	4	0	0	No	40	60
			Population & Human Resource Economics (E)	ECO070504	4	4	0	0	No	40	60

			Research Methodology for Social Science (C)	ECO070604	4	4	0	0	No	40	60
		8	Dissertation (c)	ECO-Dissertation	1 6				No		
			Project Formulation and Execution (C)	ECO080604	4	4	0	0	No		

Course Name: Introductory Economics
Course Code: ECO010104
Existing Base Syllabus: UG CBCS Syllabus
Course Level: 100-199

Prerequisites: - NIL
Theory Credit: 04
Practical Credit: NIL
No. of Required Classes:
 No. of Contact Classes: 60
 No. of Non-contact Classes: NIL

Course Outcomes:

CO-1: Interpret national income and its measurement

CO-2: Apply the idea of equilibrium to basic macroeconomics

CO-3: Analyze the essence of the economic problem

CO-4: Analyze different types of taxation, government budgets, revenue and capital components, as well as fiscal and primary deficits.

CO-5: Examine the role of markets in the economy

Unit No	Unit Content	No. of Classes	Marks
1	The Essences of the Economic Problem:	15	25
	Scarcity and Alternative Usability of Resources, Problem of Choice and Optimization by an Economic Agent. The Notion of Opportunity Cost. Notions of Individual Demand and Supply. Individual Demand Function, Demand Curve and the Law of Demand, Shift of the Demand Curve, The Idea and calculation of Elasticity: Price, Income and Cross Elasticities of Demand and their Significance. Cost of Production and Supply. Elasticity of supply.		

2	Market and Its Role in the Economy	12	20
	Market and its Different Forms - Perfectly Competitive Market versus Monopoly. Individual Demand to Market Demand, Individual Supply to Market Supply. Price determination in a Competitive Market. Stability of the Competitive Market Equilibrium. Consumers' and Producers' Surplus and Efficiency of the Markets Equilibrium.		
3	National Income and its Measurement	10	15
	From Microeconomics to Macroeconomics. Income (Hicks' Definition), Domestic Income and National Income, GNP and its Measurement, Circular Flow of the Economy, NDP at Factor Cost as Domestic Income. Personal and Disposable Income, Purchasing Power Parity. Concepts of Unemployment, Inflation and Recession. Balance of Payment –current and capital accounts		
4	Macroeconomic Equilibrium and Income Determination	12	20
	Idea of Equilibrium as Applied to a Basic Macroeconomy, Ex Post and Ex Ante Savings and Investment, Keynes' Approach of Aggregate Effective Demand and Determination of Income, Multiplier Analysis		
5	Basic Concepts in Public Finance Operations	12	20
	Definition of Tax, Direct and Indirect Tax, Tax Rate, Buoyancy and Elasticity of a Tax, Proportionate, Progressive and Regressive Taxation. Government Budget and Its Revenue and Capital Components; Fiscal and Primary Deficits.		

Readings:

1. N C Ray, *Microeconomic Theory*, MacMillan
2. Dominick Salvatore, *Microeconomic Theory*, Schaum's Outline Series, McGraw Hill
3. Soumyen Sikdar, *Principles of Macroeconomics*, Oxford

Second Semester

Course Name: Basic Elements of Economics

Course Code: ECO020104

Existing Base Syllabus: UG CBCS Syllabus

Course Level: 100-199

Prerequisites: -	No
Theory Credit:	04
Practical Credit:	NIL
No. of Required Classes:	
No. of Contact Classes:	50
No. of Non-contact Classes:	10

Course Outcome:

CO 1: Describe the Indian economy in terms of its income and demographic features

CO 2: Discuss the various measures of development

CO 3: Explain the functioning of a financial system

CO 4: Use the relevant statistical tools to systematically examine any given economic phenomenon

CO 5: Compare the current events of the global and national economy

Unit No	Unit Content	No. of Classes	Marks
1	Basics of data collection	20	25
	Primary and Secondary, Census versus Sample Survey, Distinction between population and sample, Distinction between population parameters and sample statistics, Principal steps in a sample survey, Methods of sampling - random, stratified, multi-stage and systematic random sampling. Measures of Central Tendency – Mean: Arithmetic mean (simple and weighted), Geometric mean, Harmonic mean, Median, Mode. Measures of Dispersion: Range, Inter-quartile deviation, mean deviation, standard deviation, Variance.		
2	Index Number	8	10
	Meaning and Types, Construction, uses and limitations of index numbers, Cost of Living Index Numbers. Consumer		

	Price Index Numbers for Agricultural Labourers in India, Consumer Price Index Numbers for Industrial Workers in India (concept only)		
3	Economic growth and development	10	25
	Per Capita Income (PCI) as a measure of development, International comparison of PCI and role of Purchasing Power Parity (PPP). Human Development Index (HDI), Concept of Sustainable development.		
4	Financial System and its functions	10	20
	Formal and informal financial system, Components of a financial system and their interdependence, Relationship between financial system and economic growth		
5	Basic features of Indian economy	12	20
	Trend of national and per capita income, Sector-wise composition of GDP, Basic demographic features – age, sex composition, density, urbanization, Labour force and Work force and Participation rate , Unemployment, Occupational Pattern, Demographic Dividend.		

Readings:

1. A.N. Agarwal: Indian Economy - Problems of Development and Planning, New Age International Publishers
2. B. V. Pathak: Indian Financial System, Pearson Education, Singapore.
3. Debraj Roy: Development Economics
4. Michael P.Todaro, Stephen C. Smith: Economic Development
5. Padmalochan Hazarika: Statistical Methods for Economics, Ashok book Stall
6. S.C. Gupta: Fundamentals of Statistics, Himalayas Publishing House, Seventh Edition
7. S.K.Misra, V K Puri: Economics of Development and Planning
8. V.K.Puri and S.K.Mishra: Indian Economy, Himalay Publishing House
9. William G. Cochran: Sampling Techniques, John Wiley, 2007.

Third Semester

Course Name: Intermediate Economics

Course Code: ECO030104

Existing Base Syllabus: UG CBCS Syllabus

Course Level: 200-299

Prerequisites: - NIL

Theory Credit: 04

Practical Credit: NIL

No. of Required Classes:

No. of Contact Classes: 60

No. of Non-contact Classes: NIL

Course Outcomes:

CO1: Identify basic micro and macroeconomic concepts.

CO2: Associate with the elementary exposure to International Economics.

CO3: Explain the behavior of individual economic agents and outcome of their decisions on the aggregated levels.

CO4: Analyse real economic issues like consumer behavior, producer behavior, money, inflation, employment, International Economics and basic theories.

CO5: Assess real life consumer behaviour on the basis of economic theories.

Unit No	Unit Content	No. of Classes	Marks
1	Consumer's Behaviour	12	20
	Consumer's Budget Constraints and Effects of Income and Price Changes on it, Consumer's Preference Ordering and Indifference Curves, Axioms of Preference and Properties of Indifference Curves: Consumer's Optimized Choice; Income and Substitution Effects, Derivation of Demand Theorem. Normal and Inferior Goods and the Giffen Paradox		

2	Theory of Production and Cost	15	20
	Total, Average & Marginal Product of a Single Variable Factor; Production Function with Two Variable Factors, Isoquant, Marginal Rate of Technical Substitution, Elasticity of Substitution; Homogeneity of Production Function, Returns to Scale, Least Cost Factor Combination, Expansion path, cost curves-Short and Long run		
3	Firm's Revenue and Equilibrium	9	14
	Total, Average and Marginal Revenue of a Firm under Perfect Competition and Monopoly, Equilibrium of a Profit Maximizing Firm under Perfect Competition and Monopoly. Need for Regulation of Monopoly		
4	Money, Interest, Income	10	17
	Definition and Functions of Money, Classical Theory of Full Employment Equilibrium, Quantity Theory of Money Keynes' Critique of the Classical Theory, Liquidity Preference and the Rate of Interest, Keynesian Income Determination Model with Rate of Interest		
5	Credit Creation, Money Supply and Inflation	8	14
	Banking System and Credit Creation Process; Money Supply; Inflation: Demand-pulled and cost-pushed, Effects on production and distribution; Central Bank's Tools of Monetary Control		
6	Elements of International Trade Theory	6	15
	Autarky versus Trade, Absolute and Comparative cost, Gains from Trade		

Readings:

1. N C Ray, *Microeconomic Theory*, MacMillan
2. Dominick Salvatore, *Microeconomic Theory*, Schaum's Outline Series, McGraw Hill
3. Soumyen Sikdar, *Principles of Macroeconomics*, Oxford
4. Dominick Salvatore, *International Economics*,

Fourth Semester
Course Name: Public Finance
Course Code: ECO040104
Existing Base Syllabus: UG CBCS Syllabus
Course Level: 200-299

Prerequisites: This course requires successful completion of first and second semester courses in Economics.

Theory Credit: 04

Practical Credit: NIL

No. of Required Classes:

No. of Contact Classes: 50

No. of Non-contact Classes: 10

Course Outcomes:

CO-1: Identify the concept of market failure and its implications for public policy.

CO-2: Illustrate the reasons for and consequences of public debt accumulation.

CO-3: Classify the role of budget in funding government activities and its impact on economic behavior.

CO-4: Choose the objectives, instruments and outcomes of fiscal policy in different economic contexts.

CO-5: Assess the components of a government budget and their role in achieving economic stability and growth.

Unit No	Unit Content	No. of Classes	Marks
1	Meaning, Scope and Nature	10	15
	Public Finance and its nature. Objectives of Fiscal Intervention: Allocation, Distribution and Stabilization. Parameters for policy evaluation: <i>Equity, Efficiency, Paternalism</i>		
2	Market Failure and Public Intervention	10	15
	Public Goods and the Free Rider Problem. Externalities:		

	inefficiencies and corrections, property rights, Coase theorem		
3	Taxation	10	20
	Principles of taxation: Benefit vs Ability. Shifting and Incidence of tax. Economic effects, dead weight loss and distortion. Efficiency and equity considerations.		
4	Public Expenditure	15	20
	Principles of Expenditure Analysis, Fixed Quantity Subsidy for Marketed goods: overconsumption and underconsumption. Excise Subsidy: Allocative and Distributive Effect. Public Investment and Social Cost-Benefit Analysis		
5	Public Debt and Budgeting	10	15
	Sources of Public Debt and its redemption. Burden of Public Debt. Strategies of Debt Management. Budgeting: Incremental vs Zero-based budgeting. Outcome Budget.		
6	Fiscal Policy and Federal Finance	10	15
	Objectives and Strategies, Compensatory fiscal policy, pump priming, functional finance. Balanced Budget Multiplier. Fiscal Federalism: Vertical and Horizontal Equity, Inter-governmental Transfers. Finance Commission of India.		

Readings:

1. Browning E K & Browning J M, Public Finance and the Price System, Pearson Education. Singapore.
2. Hyman D N, Public Finance: A Contemporary application of Theory to Policy, Thomson South Western.
3. Ulbrich H, Public Finance in Theory and Practice, Thompson South Western.
4. Mukherjee S, Ghose A & Nag N N, Analytical Public Finance. Public Economics-Public Choice-Public Policies, New Central Book Agency (P), Kolkata.
5. Musgrave & Musgrave., Public Finance in Theory and Practice, McGraw Hill,

Singapore.

Fourth Semester

Course Name: Advanced Macroeconomics

Course Code: ECO040204

Existing Base Syllabus: UG CBCS Syllabus

Course Level: 200-299

Prerequisites: This course requires successful completion of Intermediate Economics course offered in the third semester

Theory Credit: 04

Practical Credit: NIL

No. of Required Classes:

No. of Contact Classes: 50

No. of Non-contact Classes: 10

Course Outcomes:

CO-1: Provide an outline of the domain of Macro Economics

CO-2: Describe basic ideas on macroeconomic indicators or variables.

CO-3: Discusses various alternative theories of output and employment determination in a closed economy in short-run, medium-run.

CO-4: Analyses long run dynamic issues like growth and technical progress.

CO-5: Develops theoretical understanding of issues related to an open economy.

Unit No	Unit Content	No. of Classes	Marks
1	Consumption Function	15	20
	Average and Marginal Propensity to Consume; Factors influencing Consumption spending; Keynesian consumption function; An Overview of Post Keynesian theories of consumption: absolute income, relative income, permanent income & life cycle hypothesis.		
2	Investment Function	15	20

	Types of investment- Autonomous and Induced, residential investment and inventory investment; determinants of business fixed investment; marginal efficiency of capital, marginal efficiency of investment; Accelerator theory of Investment; Multiplier-Accelerator interaction.		
3	Macroeconomic modeling	14	30
	IS-LM model and policy analysis, Income determination in an open economy; Mundell-Fleming model; Exchange rate and its determination; Purchasing power parity; Demand-Supply and Balance of Payments theory.		
4	Inflation, Unemployment and Expectations	08	15
	Inflation-unemployment trade off and Phillips curve; Adaptive and Rational expectations; policy ineffectiveness debate.		
5	Economic Growth	08	15
	Harrod- Domar model; Solow model; Technological progress and elements of endogenous growth.		

Readings:

1. Debraj Ray, Development Economics, Oxford University Press, 2009
2. Dornbusch, Fischer and Startz, Macroeconomics, McGraw Hill, 11th edition, 2010
3. Dominick Salvatore, International Economics: Trade and Finance, John Wiley, 10th Edition 2011
4. N. Gregory Mankiw. Macroeconomics, Worth Publishers, 7th edition, 2010
5. Richard T. Froyen, Macroeconomics, Pearson Education Asia, 2nd edition, 2005
6. Thirlwall, A. P. "Growth and Development" Palgrave, 9th edition, 2011.

Fourth Semester

Course Name: Introductory Quantitative Techniques for Economics

Course Code: 040304
Existing Base Syllabus: UG CBCS Syllabus
Course Level: 200-299

Prerequisites:	No
Theory Credit:	04
Practical Credit:	NIL
No. of Required Classes:	
No. of Contact Classes:	60
No. of Non-contact Classes:	NIL

Course Outcomes:

CO-1: Select some important topics of Quantitative Techniques for beginners of Economics.

CO-2: Explain various preliminaries of mathematics like Differential Calculus, Integration of Functions, Single variable Optimization, Correlation Regression etc.

CO-3: Differentiate Differentiation from Integration, Correlation from Regression etc

CO-4: Interpret the results of correlation and regression coefficients.

CO-5: Design students' own model and interpret results.

Unit No	Unit Content	No. of Classes	Marks
1	Preliminaries of Mathematics	8	10
	Constants and Variables, Number system, Sets and set operations, Ordered pairs and Cartesian products, relations and functions, Types of functions: quadratic, polynomial, power, exponential, logarithmic, Limit and Continuity of a Function.		
2	Differential Calculus	12	20
	Differentiation of a function, Basic rules of differentiation, partial and total differentiation, second and higher order derivatives for single variable, economic applications of differentiation.		

3	Integration of Functions	12	20
	Meaning and significance of integration, basic rules of integration, significance of a constant after integration, applications: derivations of total functions (total cost, total revenue, consumption and saving functions) from marginal functions, Definite integral and its application-consumer's surplus and producer's surplus.		
4	Single Variable Optimization	8	20
	Local and global optima: geometric characterization, characterization using calculus: tests for maximization and minimization, applications: profit maximization, cost minimization, revenue maximization.		
5	Correlation Analysis	10	15
	Correlation, Coefficient of linear correlation, Properties of Correlation coefficient, Rank Correlation, Partial Correlation, Multiple Correlation.		
6	Regression Analysis	10	15
	Regression: Concept, Difference with Correlation Analysis, Properties, Estimation of regression line in a bivariate distribution-Least squares method, properties of regression coefficients.		

Readings:

1. K. Sydsaeter and P. Hammond, *Mathematics for Economic Analysis*, Pearson Educational Asia: Delhi, 2002
2. Chiang A.C. and K. Wainwright, *Fundamental Methods of Mathematical Economics*, McGraw Hill International Edition
3. Baruah S.N., *Basic Mathematics and its Economic Applications*, MacMillan
4. Jay L. Devore, *Probability and Statistics for Engineers*, Cengage Learning, 2010.
5. John E. Freund, *Mathematical Statistics*, Prentice Hall, 1992.
6. Richard J. Larsen and Morris L. Marx, *An Introduction to Mathematical Statistics and its Applications*, Prentice Hall, 2011.
7. S.C Gupta. Fundamentals of Statistics

Fourth Semester

Course Name: Advanced Microeconomics

Course Code:040404

Existing Base Syllabus: UG CBCS Syllabus

Course Level: 200-299

Prerequisites:	No
Theory Credit:	04
Practical Credit:	NIL
No. of Required Classes:	
No. of Contact Classes:	60
No. of Non-contact Classes:	NIL

Course Outcomes:

CO-1: Apply game theory to analyze market decisions.

CO-2: Analyze the implications of public policy on labour markets.

CO-3: Differentiate between forms of production functions such as Cobb-Douglas, CES, and Fixed coefficient type, and analyze their implications on total and partial factor productivity.

CO-4: Compare partial and general equilibrium approaches.

CO-5: Assess the criteria for social welfare optimization.

Unit No	Unit Content	No. of Classes	Marks
1	Input Markets	20	10
	Labour and land markets - basic concepts (derived demand, productivity of an input, marginal productivity of labour, marginal revenue product); demand for labour; input demand curves; shifts in input demand curves; competitive labour markets; and labour markets and public policy. Factors share &		

	Technical progress- Backward bending supply curve of Labor.		
2	Theory of Production and Cost	15	10
	Forms of Production Function; Cobb-Douglas, CES and Fixed coefficient Type – the Ideas of Partial and Total Factor Productivity– Derivation of Cost Function from Production Function – Multi-product Firm: production Efficiency Locus, Production Possibility Frontier.		
3	Consumer Theory and Information Economics	20	10
	A review of Indifference Curve, Violation of premises of Indifference curve approach, Revealed Preference Theory. Inter-temporal choice, Choice under risk-Expected Return, variability and Expected utility hypothesis- Asymmetric information- Adverse Selection and Moral Hazard		
4	Market Structure and Game Theory	25	10
	Monopoly, Pricing with Market Power; Degree of Monopoly, Price Discrimination- Different Degrees; Multi-plant Monopoly. Monopolistic competition: Product Differentiation, Perceived and Proportionate Demand Curves, Price-Output Determination. Oligopoly and Game Theory (Two Person Zero Sum Game, Basic ideas and examples of non-zero-sum games, Prisoner’s Dilemma), Applications of Game Theory in Oligopolistic Markets (Cournot Equilibrium).		
5	General Equilibrium & Welfare Economics	20	10
	Partial versus General Equilibrium Approaches- Walrasian General Equilibrium System. Pareto optimality, Kaldor-Hicks compensation criteria,		

	Social Welfare Function, Fundamental Theorems of Welfare Economics, Arrow's Impossibility Theorem.		
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Readings:

1. Dominick Salvatore, Schaum's Outline of Microeconomics, McGraw-Hill Education
2. G.S. Maddala and Ellen Miller, Micro Economic Theory and Application, Tata McGraw Hill.
3. Koutsoyiannis. A, Modern Micro-Economics, ELBS/Macmillan.
4. Pindyck, R. & Rubinfeld, D.L., " Microeconomics", Pearson
5. C. Snyder and W. Nicholson, Fundamentals of Microeconomics, Cengage Learning (India).
6. Anindya Sen, Microeconomics-Theory and Application, Oxford University Press.

Fifth Semester

Course Name: Development Economics

Course Code: 050104

Existing Base Syllabus: UG CBCS Syllabus

Course Level: 300-399

Prerequisites:	None
Theory Credit:	04
Practical Credit:	NIL
No. of Required Classes:	
No. of Contact Classes:	50
No. of Non-contact Classes:	10

Course Outcomes:

- CO 1: Interpret the various development strategies followed by different societies of the world.
- CO 2: Examine the process of development in different parts of the world.
- CO 3: Relate poverty, inequality and environment to the process of development.
- CO 4: Compare and contrast the alternate theories of growth and development.
- CO 5: Measure development using various indices to assess development conditions.

Unit No	Unit Content	No. of Classes	Marks
1	Concepts of Development	11	20
	Measurement of development: Traditional measure of development, HDI as a measure of development, Gender Related Development Index. Structural Change and Economic Development. Sustainable Development Goals, Climate Change Challenges and Global Coordination Initiatives.		
2	Poverty, Inequality and Development	12	20
	Poverty - Conceptual Issues, Its Measurement, Poverty Trap - Definition, Causes and Economic Implications. Inequality - Conceptual Issues, Its Axioms and Measurement, Connections between Inequality and Development		
3	Classical Development Theories	12	20
	Theories of Evolution of a Capitalist Economy- Classical, Marx, Schumpeter. Theories of Persistence of Underdevelopment: Vicious Circle, Rostow's Stages of Growth		
4	Strategies of Development	10	15
	Big Push Theory, Balanced and unbalanced Growth Theory. Leibenstein Critical Minimum Theory		
5	Dualistic Pattern of Development	15	25
	Unlimited Supply of Labour and the Dual Economy - Models of Arthur Lewis and Fei-Renis, Rural-Urban Migration: The Harris-Todaro Model, Core-Periphery Models - The Process of Cumulative Causation: Myrdal, Neo-Colonial Dependence Model; Dependency School of Development		

Readings:

1. Barro & Salai-Martin, "Economic Growth", Prentice Hall of India.
2. Basu, K., "Analytical Development Economics:", OUP.
3. Meier, G.M., "Leading Issues in Economic Development", OUP.
4. Roy, D., "Development Economics", OUP.
5. Thirlwall, A. P. "Growth and Development" Palgrave
6. Todaro, M.P., "Development Economics", Pearson.
7. UNDP, "Human Development Reports", OUP.
8. World Bank, "World Development Reports", OUP

Fifth Semester

Course Name: Indian Economy

Course Code: 050204

Existing Base Syllabus: UG CBCS Syllabus

Course Level: 300-399

Prerequisites:	None
Theory Credit:	04
Practical Credit:	NIL
No. of Required Classes:	
No. of Contact Classes:	53
No. of Non-contact Classes:	07

Course outcome:

CO 1: Summarise the status of Indian economy in terms of development indicators since independence

CO 2: Analyse the various changes initiated in India's agriculture and the rural sector

CO 3: Examine the growth of India's manufacturing and service sector.

CO 4: Assess the reforms and the recent policy initiatives introduced in the Indian economy

CO 5: Appraise the role of the Indian economy in the global context

Unit No	Unit Content	No. of Classes	Marks
1	Broad Trends and Compositions	10	20

	State of the Indian Economy at the time of independence – Growth in GDP and per capita income and changes in sector-wise composition during 1951-80 - BOP crisis brewing in 1980s – market oriented economic reforms initiated in 1991 – Growth trends, sector-wise composition, poverty and inequality in the post reform period		
2	Agriculture and the rural sector	13	25
	Land reforms – Green Revolution – Agrarian crisis of 1990s Horticulture and livestock as new areas of growth – Role of PMGSY and MGNREGS in rural transformation - Challenges in the 21 st century: GM crops, Climate smart agriculture and doubling of farmers’ income – Reforms in agriculture		
3	Manufacturing and Service Sectors	12	20
	Slow growth of manufacturing and its impact on employment generation – Growing role of services in income and employment generation – Definition, composition and prospects of MSME		
4	Key Initiatives and Reforms	08	15
	GST – Direct Benefit Transfer – Jan Dhan Yojana and financial inclusion – Outstanding reforms: Land acquisition, Labour laws, and banking sector reforms – the challenge of formalizing of the economy		
5	India in the Global Economy	10	20
	Size of the Indian Economy in the global context - Trade openness in the post-reforms and post-WTO regime – trends in the trade-GDP ratio - Capital flows (FDI and FII) and their impact – BIMSTEC and India-ASEAN free trade initiatives		

Readings:

1. Arvind Panagariya (2010): *India the Emerging Giant*, OUP
2. Jagdish Bhagwati and Arvind Panagariya (2015) *Why Growth Matters*, OUP
3. Abhijit Banerjee, Rajan, Raghuram Rajan, Gita Gopinath, Mihir S. Sharma (2019) *What the Economy Needs Now*, Juggernaut Books, New Delhi
4. Statistical Appendix of the Latest Economic Survey, Ministry of Finance, Government of India

Fifth Semester

Course Name: International Economics

Course Code: ECO050304
Existing Base Syllabus: UG CBCS Syllabus
Course Level: 300-399

Prerequisites: Preliminary knowledge on international Economics as outlined in 3rd semester course on Intermediate Economics.

Theory Credit: 04

Practical Credit: NIL

No. of Required Classes:

No. of Contact Classes: 60

No. of Non-contact Classes: NIL

Course Outcomes:

CO1: Describe economic relationships among countries in terms of both trade and monetary issues.

CO2: Explain the composition, direction and consequences of international trade.

CO3: Analyze the determinants and effects of various trade policies.

CO4: Assess the advances in trade theories over the years, trade policies as well as international monetary systems.

CO5: Explain real-world examples and case studies related to international trade.

Unit No	Unit Content	No. of Classes	Marks
1	Evolution of International Trade Theories	15	25
	The Ricardian theory- comparative advantage, Heckscher-Ohlin model, Factor price equalisation- Absolute and Relative, specific factors model, Empirical testing of H-O model: Leontief Paradox, factor-intensity reversal.		
2	Advances in Trade Theories	13	20
	International trade in the context of economies of scale and imperfect competition, technological gap model of Posner and product cycle theory of Vernon; multinational enterprises and international trade.		
3	Trade Policy	12	25

	Instruments of trade policy- tariff and quota- partial equilibrium analysis; political economy of trade policy- free trade vs. protection; controversies in trade policy, fixed versus flexible exchange rates; system of managed floating exchange rate.		
4	International Economic Integration	10	15
	Importance and forms of economic integration; costs of economic integration; Theories of Customs Union- partial equilibrium analysis.		
5	International Monetary System	10	15
	International monetary systems-definition, properties of a good international monetary system, Evolution of international monetary system from past to present; financial globalization and historical financial crises.		

Readings:

1. Paul Krugman, Maurice Obstfeld, and Marc Melitz, *International Economics: Theory and Policy*, Addison-Wesley (Pearson India Education Services), 10th edition, 2019.
2. Dominick Salvatore, *International Economics: Trade and Finance*, John Wiley International Student Edition, 10th edition, 2011.
3. Bo Sodersten and Geoffrey Reed: *International Economics*, Macmillan, 3rd edition, 1994.
4. H G Mannur, *International Economics: Theory and Practice*, Vikash Publishing House.

Fifth Semester

Course Name: Intermediate Quantitative Techniques for Economics

Course Code: 050404

Existing Base Syllabus: UG CBCS Syllabus

Course Level: 300-399

Prerequisites: Preliminary knowledge on Mathematical Economics as outlined in 4th semester course on Introductory Quantitative Techniques for Economics.

Theory Credit: 04

Practical Credit: NIL

No. of Required Classes:

No. of Contact Classes: 60
No. of Non-contact Classes: NIL

Course Outcomes:

CO-1: Identify topics of Quantitative Techniques for students of Economics at intermediate level.

CO-2: Compute solutions of simple market model, national income model and other simultaneous equations by using matrix.

CO-3: Explain some basic concepts of functions and their applications.

CO-4: Measure trend value by using Moving Average method and least square.

CO-5: Integrate the knowledge of quantitative methods in interpreting economic issues.

Unit No	Unit Content	No. of Classes	Marks
1	Linear Algebra	10	25
	Matrix: various types of matrices, vector and vector space-concept, matrix operations: addition, subtraction and multiplication; rank, norm and trace of a matrix, introduction to the concept of determinants and their properties, non-singularity of matrix, matrix inversion, solutions of simultaneous equations by using matrix inversion and Cramer's rule, simple market model and national income model.		
2	Functions of Real Variables	06	10
	Homogeneous and homothetic functions: concepts, Differentiable functions: concepts, Implicit Function Theorem and applications; convex, quasi-convex and concave functions.		
3	Multi-variable Optimization	12	20
	Unconstrained optimization: geometric characterization, characterization using calculus and applications: price discrimination and multi-plant firm; constrained		

	optimization with equality constraints, Lagrange multiplier, applications: consumer's equilibrium and producer's equilibrium.		
4	Elementary Probability Theory	12	15
	Sample spaces and events; probability axioms and properties; addition and multiplication theorem of probability, counting techniques; conditional probability and Bayes' rule (concept only); Defining random variables; expected values of random variables.		
5	Theoretical distributions	10	15
	Functions of random variables (probability mass function and probability density function), Commonly used discrete and continuous distributions (Uniform, Binomial, Poisson and Normal).		
6	Introduction to Time Series	10	15
	Time Series Analysis-Concept and Components; Measurement of Trend		

Readings:

1. K. Sydsaeter and P. Hammond, *Mathematics for Economic Analysis*, Pearson Educational Asia: Delhi, 2002
2. Chiang A.C. and K. Wainwright, *Fundamental Methods of Mathematical Economics*, McGraw Hill International Edition
3. Baruah S.N., *Basic Mathematics and its Economic Applications*, MacMillan
4. Jay L. Devore, *Probability and Statistics for Engineers*, Cengage Learning, 2010.
5. John E. Freund, *Mathematical Statistics*, Prentice Hall, 1992.
6. Richard J. Larsen and Morris L. Marx, *An Introduction to Mathematical Statistics and its Applications*, Prentice Hall, 2011.
7. S. C. Gupta and V.K. Kapoor. *Fundamentals of Applied Statistics*
8. S. C. Gupta and V.K. Kapoor. *Fundamentals of Mathematical Statistics*

Sixth Semester

Course Name: Assam Economy

Course Code: 060104

Existing Base Syllabus: UG CBCS Syllabus

Course Level: 300-399

Prerequisites: No

Theory Credit: 04

Practical Credit: NIL

No. of Required Classes:

No. of Contact Classes: 60

No. of Non-contact Classes: NIL

Course outcome:

CO1: Describe the status of Assam economy in some development indicators since independence

CO2: Discuss the linkage between human capital formation and different sectors of an economy.

CO3: Analyse the relevance of policies and its effects on different sectors in the context of the economy of Assam.

CO4: Justify the need for the state's relationship with her neighbouring states.

CO5: Prescribe policies for the overall upgrade of the state economy.

Unit No	Unit Content	No. of Classes	Marks
1	The Economy under Colonial Rule (1837 -1947)	10	15
	Imposition of Land Revenue and Its Impact, Prohibition of Opium Production and State Takeover of Opium Trade, Inflow of Colonial Investment in Plantation, Mining and Other Industries. Development of Water Transport and Railways, In-migration of Population and its Impact on the Economy: Shock of Partition and its Impact		
2	Growth and Sectoral Composition in the Post-Independence	15	25

	Period		
	Population growth trends before and after 1971, Trends in Demographic Parameters: Population Density, Sex Ratio, Life Expectancy, Fertility Rate and Infant Mortality Rate – Work Force and Labour Force Participation, Occupational Distribution. Trends and Sector-wise Composition of GSDP, Trend in Per Capita NSDP in comparison with trends in all-India Per Capita Income Trends in Other Indicators of Development in Comparison with all-India standard: Life expectancy, Literacy, Enrolment and Forest Cover		
3	Sectoral Status and Prospects:	20	35
	Infrastructure: Status of Road, Rail and Air Connectivity within and out of the State; Potentials and Limitation of Waterways Development; Status of Power and Telecommunication Agriculture: Land Holding Patterns, Land Tenure and Land Reforms, Cropping Pattern, Production and Productivity of Principal Crop –Diversification of the Rural Economy to Horticulture, Fishery, Livestock and Non-farm activities – Prospects and Challenges of the Sector. Industry: Tea Industry and Role of Small Tea Growers, The Future of Hydrocarbon Industry. Traditional Handloom Handicraft and their Prospect; Service Sector: Size and Composition. Tourism Resources and their Economic Potentials: Policies for sustainable realization		
4	State Finances:	9	15
	Trends and composition of State Government receipts before and after GST regime. Composition of Public Expenditure and its implications. Sustainability of Government Borrowing. Fiscal Devolution to Local Bodies (Panchayats, Municipalities and Autonomous Councils)		
5	Assam Economy in its Neighborhood	6	10
	Mutual inter-dependence with neighboring States Stakes of Assam in the Act East Policy		

Readings:

1. Atul Goswami "Assam's Industrial Development: Urgency of New Direction", Economic and Political Weekly 1981
2. Department of Economics, Gauhati University, "Identity Aspirations, Developmental Backlogs and Governance Issues in Northeast India" Maliyata Offset Press, Mirza, 2016
3. Directorate of Economics and Statistics, Government of Assam, "Economic Survey Assam" [recent issues] <https://des.assam.gov.in/information-services/economic-survey-assam>
4. Directorate of Economics and Statistics, Government of Assam, "Statistical Handbook of Assam" 2018 or later addition
5. Guha, Amalendu, Planter's Raj to Swaraj, Second Edition (paperback)
6. India Brand Equity Foundation "About Assam: Tourism, Industries In Assam, Agriculture, Economy & Geography", June 2020, <https://www.ibef.org/states/assam.aspx>
7. J B Ganguli, "Economic Conditions and Change in North-East India" in A.P. Singha (ed) Changing North East India, Ludhiana: Gagan Publishers, 1986
8. J N Sarma, "Problems of Economic Development in Assam" Economic and Political Weekly, Vol. 1, No. 7, Pp. 281+283-286.
9. Planning and Development Department, Government of Assam "Assam Human Development Report 2014"

Sixth Semester

Course Name: Basics of Econometrics

Course Code: 060204

Existing Base Syllabus: UG CBCS Syllabus

Course Level: 300-399

Prerequisites:	No
Theory Credit:	04
Practical Credit:	NIL
No. of Required Classes:	
No. of Contact Classes:	52
No. of Non-contact Classes:	08

Course Outcomes:

CO-1: Identify sources, consequences, and detection methods of violations of classical assumptions in regression analysis.

CO-2: Estimate parameters in multiple linear regression models and evaluate the properties of Ordinary Least Squares (OLS) estimators

CO-3: Demonstrate proficiency in utilizing MS Excel for econometric applications and solutions, including data analysis and interpretation of econometric models.

CO-4: Analyze the properties and applications of statistical distributions

CO-5: Utilize simple linear regression models for forecasting purposes.

Unit No	Unit Content	No. of Classes	Marks
1	Statistical Background	10	15
	Normal distribution, chi-square, t- distribution, and F-distribution; estimation of parameters, properties of estimators, Statistical Inferences, Hypothesis testing, Type I and Type II errors, power of a test; Level of Significance, Confidence Interval.		
2	Simple Linear Regression Model	12	25
	Two Variable Case, Estimation of model by method of ordinary least squares, properties of estimators, Gauss-Markov theorem, BLUE, goodness of fit; tests of hypotheses, scaling and units of measurement, confidence intervals, forecasting.		
3	Multiple Linear Regression Model	10	15
	Estimation of parameters, properties of OLS estimators, goodness of fit, R^2 and adjusted R^2 , partial regression coefficients, testing hypotheses – individual and joint, functional forms of regression models, qualitative		

	(dummy) independent variables.		
4	Violations of Classical Assumptions	10	15
	Sources, Consequences, Detection and Remedies of Multicollinearity, heteroscedasticity, serial correlation		
5	Specification Analysis	10	15
	Omission of a relevant variable, inclusion of irrelevant variable, tests of specification errors		

Readings:

1. R P Hooda, Statistics for Business and Economics, Vikas Publishing
2. D. N. Gujarati and D.C. Porter, Essentials of Econometrics, McGraw Hill, 4th edition, International Edition, 2009.
3. Christopher Dougherty, Introduction to Econometrics, Oxford University Press, 4th edition, Indian edition, 2011.
4. Wooldridge J.M., Introductory Econometrics: A Modern Approach, Cengage Learning India Pvt. Ltd, 2014

Sixth Semester

Course Name: Financial System

Course Code: 060304

Existing Base Syllabus: UG CBCS Syllabus

Course Level: 300-399

Prerequisites:	None
Theory Credit:	04
Practical Credit:	NIL
No. of Required Classes:	
No. of Contact Classes:	55
No. of Non-contact Classes:	05

Course Outcome:

CO-1: Identify the various components of a financial system.

CO-2: Explain the operation of a bank as a financial intermediary and understand measures undertaken to regulate banks.

CO-3: Illustrate the trading process in the stock market.

CO-4: Assess the operation of the various instruments of the money market.

CO-5: Explain the modalities of resource mobilization in capital markets through various capital market assets.

Unit No	Unit Content	No. of Classes	Marks
1	The Financial System	10	20
	The nature of credit, Financial system and its Components: <i>Instruments, Markets, Institutions and Services</i> , The Functional Perspective of the Financial System, Financial System in Economic Growth and Global Integration.		
2	The Money Market	15	25
	Structure and functions, Instruments in the money market, Call Money Market and its participants, Volatility in Call Rates, Money Market Intermediaries: <i>The Discount and Finance House of India and Money Market Mutual Funds</i> , Liquidity Management Instruments in the Money Market		
3	The Capital Market	18	30
	The Capital market: Its nature and functions, Primary Capital Market: Instruments of resource mobilization- <i>Public Issues: IPO & FPO, Right Issues, and Private Placement</i> , Resource mobilization from International Capital Market, Pricing of new issues: the Book Building process, Reverse Book Building and Green Shoe Option, Secondary Capital Market: Organization, Management and Membership, Trading & Settlement, <i>The Over the Counter Exchange of India</i> , The Depository System and its operation, Stock Market Index- Method of calculating the index, Mutual Fund and its functional		

	classification, Net Asset Value		
4	Banking Sector Operations	12	25
	Overview of bank operations: Banks as financial intermediaries, Sources of Funds of banks, Uses of Funds by banks, Off-balance sheet activities of banks, Regulation of banks: Capital Regulation, Operations Regulation, Bank Monitoring Measures undertaken by Regulators, Issues relating to government bailout, Reforms in Banking Sector in India.		

References:

1. Bodie Z, Merton R. C. & Cleeton D. L. **Financial Economics**. Pearson/ Prentice Hall.
2. Madura J. **Financial Institutions and Markets**, Thomson South Western.
3. Pathak B. V. **Indian Financial System**, Pearson Education, Singapore.
4. Prasanna Chandra. **Fundamentals of Financial Management**. McGraw Hill Education
5. Rustagi, R.P. **Fundamentals of Financial Management**. Taxmann Publication Pvt. Ltd.

Sixth Semester

Course Name: Environmental Economics

Course Code: 060404

Existing Base Syllabus: UG CBCS Syllabus

Course Level: 300-399

Prerequisites: None

Theory Credit: 04

Practical Credit: NIL

No. of Required Classes:

No. of Contact Classes: 55

No. of Non-contact Classes: 05

Course Outcome:

CO-1: Draw a comprehensive knowledge and understanding of the issues related to environment and economy.

CO-2: Indicate the issues related to market failure of environmental goods and the instruments which can prevent the damages of market failure of environmental goods.

CO-3: Differentiate environmental policies to reduce anthropogenic effect on environment.

CO-4: Explain how an economy should use the natural resources in an optimum way, such that an economy can take up the path of sustainable development.

CO-5: Make aware of global environmental issues.

Unit No	Unit Content	No. of Classes	Marks
1	Introduction	20	10
	Basic concepts: Environment, Ecology, Economy and the ecosystem. Definition and scope of Environmental economics, why study environmental economics. Interaction between the environment and the economy, environmental economics and ecological economics, Environmental economics and resource economics.		
2	Market Failure in allocation of Environmental resources	20	10
	Externality and its types; Market Failure: Meaning, Causes of market failure; Environment as a public good, Solutions to market failure: Government Intervention; Common Property Resources and its management.		
3	The Design and Implementation of Environmental Policy	20	15
	Environmental Policies: Overview; Conventional Instruments: Command and Control (CAC) approach; Economic Instruments of Environmental Policies: Pigovian taxes and effluent fees, tradable permits and Liability rules. Monitoring and Enforcement: Meaning, Penalties, Cost of abatement.		
4	Sustainable Development:	20	10
	Approaches to Sustainable Development: weak sustainability, strong sustainability, Safe minimum standard approach, ecological perspective and social perspective, Rules and indicators of Sustainable Development; Green Accounting (concept only)		
5	International Environmental Problems and Initiatives:	20	10
	Transboundary pollution (Problems of International Externalities), Economics of Climate change and Variability:		

	<p>Causes and Consequence; Inter linkages and trade off between Environment and Development. Environmental Kuznet Curve. Trade and environment: pollution haven hypothesis. Global Intervention for Sustainable Development</p>		
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Readings:

1. Charles Kolstad, Intermediate Environmental Economics, Oxford University Press,
2. Bhattacharyya R, Environmental Economics, Oxford University Press.
3. Nick Hanley, Jason F. Shogren and Ben White, Introduction to Environmental Economics, Oxford University Press.
4. Robert N. Stavins (ed.), Economics of the Environment: Selected Readings, W.W. Norton, 5th edition, 2005.
5. Roger Perman, Yue Ma, James Mc Gilvray and Michael Common, Natural Resource and Environmental Economics, Pearson Education/Addison Wesley, 3rd edition, 2003.
6. Maureen L. Cropper and Wallace E. Oates, 1992, —Environmental Economics: A Survey, || Journal of Economic Literature, Volume 30:675-740.
7. Subhashini Muthukrishnan, Economics of Environment, PHI Learning Private Limited, 2nd edition, 2015.

Course Name: History of Economic Thought (C)

Course Code: ECO090304

Existing Base Syllabus: UG Non-CBCS Syllabus

Course Level: 500

Prerequisites: - NIL

Theory Credit: 04

Practical Credit: NIL

No. of Required Classes:

No. of Contact Classes: 55

No. of Non-contact Classes: 05

Course Outcomes:

CO 1: Understand how early philosophers and thinkers influenced economic thought

CO 2: Discuss and evaluate the main ideas of different schools of thought and their contribution towards the development of modern economic thought.

CO 3: Comprehend and analyse the developments in economic thought in the context of India

CO 4: Relate the economic ideas of different schools with the prevailing economic situation of their times.

Unit No	Unit Content	No. of Classes	Marks
1	EARLY PERIOD	08	15
	Basic Economic Ideas of Plato and Aristotle, Mercantilism: Tenets, Rise and Fall Physiocracy: Concept of Natural Order, Net Product and Tableau Economique of Quesnay.		
2	CLASSICAL SCHOOL	15	25
	Adam Smith: Views on Division of Labour, Theory of Value, Capital Accumulation, Distribution, Trade and Economic Development. David Ricardo: Views on Theory of Value, Theory of Distribution, Theory of Rent. Thomas Robert Malthus: Theory of Population, Theory of Glut. J.B. Say: Laws of Market. J.S.Mill: Restatement of Classical Theory.		
3	NEO-CLASSICAL SCHOOL	15	25
	Stanley Jevons: Ideas of consumption, exchange and distribution; Alfred Marshall: Theory of Utility, Theory of Exchange; Sir John Hicks: Theory of Trade Cycle; A.C.Pigou: Theory of Welfare; Vilfredo Pareto: Concept of Social Welfare.		
4	MATHEMATICAL SCHOOL:(Classes: 05, Marks: 10)	05	10
	Important ideas of Cournot, Leon Walras, Edgeworth, Fisher and Leontief.		
5	INDIAN ECONOMIC THOUGHT	12	25
	Main themes of Kautilya's Arthasashtra; Modern Economic Ideas: Dada Bhai Naoroji, Ranade, Gokhale; M.K.Gandhi's ideas on – Village, Swadeshi, Khadi, Cottage Industries and place of Machine,		

	Decentralisation, Trusteeship, Sarvodaya.		
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Readings:

1. Guide, C. & C. Rist: A History of Economic Doctrine, George G. Harrap & Co.
2. Roll, Eric.: A History of Economic Thought. Faber and Faber.
3. Hajela, T.N.: History of Economic Thought, ANE Books pvt., Ltd.
4. Bhatia, H.L.: History of Economic Thought, Vikash
5. Vohra, Munish: History of Economic Thought, Anmol Pub.
6. Haney, Lewis: History of Economic Thought, Surjeet Publication.
7. Datta, Bhabatosh: Indian Economic Thought, Tata McGraw Hill.
8. Srivastava, S.K.: History of Economic Thought, S. Chand & Company (pvt.) Ltd.
9. Ghosh, Dr. B.N. & Ghosh, Dr. Rama : Concise History of Economic Thought, Himalaya Publishing House.