

# **Kannur University**

## **BA DEGREE IN ENGLISH LANGUAGE AND LITERATURE**

### **Programme Outcomes (PO)**

#### **PO 1.Critical Thinking:**

Acquire the ability to apply the basic tenets of logic and science to thoughts, actions and interventions.

Develop the ability to chart out a progressive direction for actions and interventions by learning to recognize the presence of hegemonic ideology within certain dominant notions.

1.3 Develop self-critical abilities and also the ability to view positions, problems and social issues from plural perspectives.

#### **PO 2.Effective Citizenship:**

Learn to participate in nation building by adhering to the principles of sovereignty of the nation, socialism, secularism, democracy and the values that guide a republic.

Develop and practice gender sensitive attitudes, environmental awareness, empathetic social awareness about various kinds of marginalisation and the ability to understand and resist various kinds of discriminations.

Internalise certain highlights of the nation's and region's history. Especially of the freedom movement, the renaissance within native societies and the project of modernisation of the post-colonial society.

#### **PO 3.Effective Communication:**

Acquire the ability to speak, write, read and listen clearly in person and through electronic media in both English and in one Modern Indian Language

Learn to articulate, analyse, synthesise, and evaluate ideas and situations in a well-informed manner.

Generate hypotheses and articulate assent or dissent by employing both reason and creative thinking.

#### **PO 4.Interdisciplinarity:**

Perceive knowledge as an organic, comprehensive, interrelated and integrated faculty of the human mind.

Understand the issues of environmental contexts and sustainable development as a basic interdisciplinary concern of all disciplines.

Develop aesthetic, social, humanistic and artistic sensibilities for problem solving and evolving a comprehensive perspective.

### **Core Courses in English Language and Literature Programme Specific Outcomes for BA in English Language and Literature**

PSO 1. Understand the historical contexts behind the origin and development of English literature with a special focus on various movements and the important works belonging to such movements.

PSO 2. Understand the current methodological issues in the study of literature and apply various reading strategies employed to selected literary as well as cultural texts.

PSO 3. Understand and apply the extended meaning of “English Literature” to various post-colonial and other writings in English.

PSO 4. Understand the basics of disciplines like Film Studies, Culture Studies, Fine Arts, Women’s Writing, Dalit Writings, Post-colonial writing, Indian writing in English, Malayalam Literature and Literatures in Translation.

PSO 5. Understand and appreciate the interdisciplinary links that literary studies have with disciplines like Philosophy, History, Political Science, Sociology,

### **Course Outcomes and Content Specifications for Core Courses**

#### **CORE COURSE 1. Malayalam Literature in English Translation**

Course Code	Course Title	Semester	Credit	Hours
1B01 ENG	Malayalam Literature in English Translation	I	5	6

#### **Course Outcomes**

CO 1: Understand the word ‘literature’ and ‘literary’ in a broad and inclusive perspective by reading select literary pieces and by applying critical reading strategies.

CO 2: Recognise and describe literary genres and its subclasses. CO 3: Describe with examples select literary terms and concepts.

CO 4: Understand the basic issues related to translation and in that process develop a sensibility for native and local literatures.

CO 5: Use English to translate and describe everyday activities, regional themes and personal narratives by reading Malayalam literature in translation.

CO 5: Learn to read, enjoy, analyse and critically engage with select literary pieces on their own with minimum guidance.

## 1. Academic Writing, Methodology and Research Project

Course Code	Course Title	Semester	Credit	Hours
2B02ENG	Academic Writing, Methodology and Research Project	II	5	6

### Course Outcomes

- 1. Understand and apply the nuances of academic writing.
- 2. Understand the various methodological as well as epistemological aspects of literary studies.
- 3. Familiarise with the approaches to literature.
- 4. Choose a tentative topic for the research project to be submitted in semester six.

## 2. Old English to Medieval English Literature (500-1500)

Course Code	Course Title	Semester	Credit	Hour
3B03ENG	Old English to Medieval English Literature (500-1500)	III	3	4

### Course Outcomes

- 1. Have an understanding of the contexts which produced Old English literature.
- 2. Read translation extracts from key texts of the Old English period
- 3. Understand the key aspects of Old English language.
- 4. Understand the key genres, authors, texts, styles and themes of the Medieval English Period.
- 5. Read excerpts from the variety of writings produced during this period.
- 6. Understand the key aspects of Medieval English dialects.

### 3. Renaissance and Restoration Literatures (1485-1780)

Course Code	Course Title	Semester	Credit	Hour
3B04ENG	Renaissance and Restoration Literatures (1485-1780)	III	4	5

#### **Course Outcomes**

1. Define Renaissance literature/ Problems of definition
2. Trace the relationship between political economy, cultural history and production of arts and literature during the early modern period
3. Read specimens of major works belonging to the Renaissance period.
4. Understand the problematics of “modernisation” of Britain including the development of political parties and parliamentary democracy through the cultural productions of Restoration period
5. Identify literary narratives that deal with slave trade and colonial aspirations.
6. Understand the development of literary criticism as a meta-narrative to literature.
7. Read specimens of major works belonging to the Restoration period.

### 4. The Romantic Period (1780-1832)

Course Code	Course Title	Semester	Credit	Hour
4B05ENG	The Romantic Period (1780-1832)	IV	4	5

#### **Course Outcomes**

1. Understand the cultural history of the period and recognise the features of literary romanticism
2. Trace the relationship between political economy, cultural history and production of arts and literature with reference to the romantic period
3. Read specimens of major works belonging to the period.

### 5. The Victorian Period (1832-1901)

Course Code	Course Title	Semester	Credit	Hour
4B06ENG	The Victorian Period (1832-1901)	IV	3	4

### **Course Outcomes**

- ☒ 1. Understand a range of Victorian literature in relation to a range of contexts including Victorian anxieties about modernity, madness, sexual transgression and disease.
- ☒ 2. Analyze the work of a range of Victorian writers, both canonical and less well-known, and with a range of genres including the novel, short story and poetry.
- ☒ 3. Identify and discuss theoretical discourses concerning class, sexuality, gender and colonialism as these illuminate a range of Victorian texts.
- ☒ 4. Understand and successfully deploy a range of terms and concepts integral to Victorian literature.

### **6. The Early Twentieth Century ((1901-1939)**

Course Code	Course Title	Semester	Credit	Hour
5B07ENG	The Early Twentieth Century ((1901-1939)	V	4	6

### **Course Outcomes**

- ☒ 1. Understand the cultural, political, and stylistic protocols of modernism and its various literary movements.
- ☒ 2. Trace the relationship between political economy, cultural history and production of arts and literature
- ☒ 3. Read specimens of major works belonging to the period.

### **7. The Late Twentieth and Twenty-First Centuries (1939-2015)**

Course Code	Course Title	Semester	Credit	Hour
5B08ENG	The Late Twentieth and Twenty-First Centuries(1939-2018)	V	5	6

### **Course Outcomes**

- ☒ 1. Understand the cultural, political, and stylistic protocols of post-modernism and the various literary movements

- ☒ 2. Understand and apply the basics of the various reading strategies that emerged during the period
- ☒ 3. Read specimens of major works belonging to the period.

## 8. Postcolonial Literatures in English

Course Code	Course Title	Semester	Credit	Hour
5B09ENG	Postcolonial Literatures in English	V	5	6

### Course Outcomes

- ☒ 1. Understand the meaning, scope and issues related to the term postcolonial.
- ☒ 2. Read specimens of major works belonging to the genre.
- ☒ 3. Familiarise with the cardinal concepts of postcolonial theory.

## 9. Linguistics

Course Code	Course Title	Semester	Credit	Hour
5B10ENG	Linguistics	V	4	5

### Course Outcomes

- ☒ 1. Learn the theories regarding origin, development and history of languages.
- ☒ 2. Familiarise with the cardinal concepts related to “linguistics”.
- ☒ 3. Understand the modern directions in linguistic studies.

## 10. Project

Course Code	Course Title	Semester	Credit	Hour
6B11ENG	Project	VI	2	1

### **Course Outcomes**

- ☒ 1. Learn and apply specific documentation styles and methodological formalities.
- ☒ 2. Critically engage with a literary theme or topic.
- ☒ 3. Understand the basic formalities regarding research in humanities.

### **11. Critical Theory**

Course Code	Course Title	Semester	Credit	Hour
6B12ENG	Critical Theory	VI	5	6

### **Course Outcomes**

- ☒ 1. Understand the basics of various theoretical positions in literary and culture studies.
- ☒ 2. Apply specific theoretical insights into the study of specific works of art as well as cultural articulations.
- ☒ 3. Understand the ideological assumptions underlying common-sense notions and canon formation.

### **12. Women's Writing**

Course Code	Course Title	Semester	Credit	Hour
6B13ENG	Women's Writing	VI	4	5

### **Course Outcomes**

- ☒ 1. Understand women's writing as a specific genre.
- ☒ 2. Appreciate the variety in women's literature and the correlation between such variety and specific socio-political contexts.
- ☒ 3. Understand the various dialogic positions within women's writing.

### **13. Indian Writing in English**

Course Code	Course Title	Semester	Credit	Hour
6B14ENG	Indian Writing in English	VI	3	4

### **Course Outcomes**

- ☒ 1. Understand Indian Writing in English as a specific genre based on certain common socio-political contexts.
- ☒ 2. Understand the various dialogic positions within Indian Writing in English.
- ☒ 3. Understand the regional diversities and thematic plurality of IWE.

### **14. Film Studies**

Course Code	Course Title	Semester	Credit	Hour
6B15ENG	Film Studies	VI	4	5

### **Course Outcomes**

- ☒ 1. Learn the basic terminology, technical aspects, and the major movements in the history of cinema.
- ☒ 2. Watch select movies and analyse them with an eye on technical, thematic and socio-political aspects.
- ☒ 3. Develop basic knowledge and familiarity with the various trends in Indian cinema.

## **Course Outcomes and Content Specifications for Common Courses**

### **COMMON COURSE I Communicative English**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
1A01 ENG	Communicative English	5	4	3

### **Course Outcomes**

- ☒ 1. Understand and apply the rubrics of English grammar
- ☒ 2. Recognize and apply the basic patterns in English vocabulary
  - ☒ 3. Read and elicit data, information, inferences and interpretations based on a given material in English
- ☒ 4. Develop the ability to speak in English in real life situations
- ☒ 5. Elicit necessary information after listening to an audio material in English



☒ 6. Compose academic and non-academic writings including letters, paragraphs and essays on a given topic and CV's for specific purposes(5 x 1=5)

**COMMON COURSE 2. Readings on Kerala**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAMHRS
1A02 ENG/ 2A02 ENG	<b>Readings on Kerala</b>	4	3	3

**Course Outcomes**

- ☒ 1. Understand the basic facts and patterns regarding the cultural evolution of Kerala through articles, poems, stories, life writings and historical narratives.
- ☒ 2. Acquaint with the life and works of the illustrious leaders of Kerala Renaissance and the major events.
- ☒ 3. Assimilate the notion of Kerala as an emerging society and critically examine the salient features of its evolution.
- ☒ 4. Understand the evolution and contemporary state of the concept of “gender” with reference to Kerala
- ☒ 5. Understand the form and content of Kerala’s struggle against “casteism” and for “secularism”
- ☒ 6. Develop an awareness about the ecological problems and issues in Kerala

**COMMON COURSE 3. Readings on Life and Nature**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
2A03 ENG/ 3A03 ENG	<b>Readings on Life and Nature</b>	5	4	3

**Course Outcomes**

- ☒ 1. Understand the basic themes and issues related to ecology through articles, poems, stories, life writings and historical narratives.
- ☒ 2. Assume ecologically friendly attitudes in events related to everyday life.

- ☒3. Identify the specific ecological problems related to Kerala.
- ☒4. Identify the major ecological movements around the world and within the country.
  - ☒5. Ability to express specific opinions when confronted with ecology/development binary.
  - ☒6. Identify the major or minor ecological issues happening around the student's native place.

**COMMON COURSE 4. Readings on Gender**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
2A04 ENG/ 4A04 ENG	<b>Readings on Gender</b>	4	3	

**Course Outcomes**

- ☒1. Understand the basic themes and issues related to gender through articles, poems, stories, life writings and historical narratives.
- ☒2 Understand the basic topics related to gender studies.
- ☒3. Understand gender as a social construct and also as a site of struggle.
- ☒4. Critically engage with certain seminal topics that have become a part of gender studies.
- ☒5. Understand the basic gender issues faced by Kerala.
- ☒6. Appreciate and use gender sensitive and politically right terms and usages in everyday life.

**COMMON COURSE 5. Readings on Democracy and Secularism**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
3A05 ENG	<b>Readings on Democracy and Secularism</b>	5	4	3

**Course Outcomes**

- ☒ 1. Understand the relationship between higher education and nation building.
- ☒ 2. Understand the basic Constitutional values and themes through articles, poems, stories, life writings and historical narratives.
- ☒ 3. Evolve a deeper understanding and appreciation of the meaning of the words sovereignty, socialism, secularism and democracy in the Indian context.
- ☒ 4. Appreciate the relationship between higher education and the Constitutional directives regarding “scientific temper” and “the spirit of enquiry”.
- ☒ 5. Appreciate the prevalence of “human rights” as a prerequisite for democratic living.

**COMMON COURSE 6. Readings on Philosophy of Knowledge**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
4A06 ENG	<b>Readings on Philosophy of Knowledge</b>	5	4	3

**Course Outcomes**

- ☒ 1. Understand the basic issues related to construction and acquisition of knowledge through articles, poems, stories, life writings and historical narratives.
- ☒ 2. Understand the relationship between higher education and nation building.
- ☒ 3. Evolve a deeper understanding of disciplines, multi-disciplinary approaches, interdisciplinary approaches and the various systems of knowledge.
- ☒ 4. Understand knowledge as a social construct and the dynamics of paradigm shifts.
- ☒ 5. Understand the epistemological and ontological factors within higher education.
- ☒ 6. Understand logical fallacies and apply critical thinking.

**MA English**

**Programme Outcomes**

After the completion of this programme, the students should be able to:

1. Have a thorough understanding of English Literature
2. Analyze Literary works
3. Have deep knowledge of language and linguistics
4. Be knowledgeable about the courses undertaken

### **Course 1: ENG1C01: British Literature: Chaucer to Seventeenth Century**

After the completion of these courses, students should be able to:

1. Identify and understand the early literature in English.

### **Course 2: ENG1C02: British Literature: Eighteenth Century**

After the completion of this course, students should be able to:

1. Have a thorough knowledge of 18th century literature in English

### **Course 3: ENG1C03: Literary Criticism**

After the completion of this course, students should be able to:

1. Have a thorough knowledge of literary criticism and chief theorists

### **Course 4: ENG1C04: History and Structure of English Language**

After the completion of this course, students should be able to:

1. Have an overview of the chronological development of the literary periods and major writers

### **Course 5: ENG1E01: Malayalam Literature in Translation**

After the completion of this course, students should be able to:

1. Have a clear idea of the major writings of Malayalam writers and their features

### **Course 6: ENG2C05: Literature of the Romantic Period**

After the completion of this course, students should be able to:

1. Identify the major writers and works of the romantic period

### **Course 7: ENG2C05: Literature of the Victorian Period**

After the completion of this course, students should be able to:

1. Identify the major writers and works of the Victorian period

**Course 8: ENG2C05: Modern Literary Theory**

After the completion of this course, students should be able to:

1. Identify the contemporary literary theories and theorists.

**Course 9: ENG2E04: Translation Studies:**

After the completion of this course, students should be able to:

1. Understand the basics of translation studies with practical exercises

**Course 10: ENG3C08: Twentieth Century British Literature:**

After the completion of this course, students should be able to:

1. Understand the twentieth century writers and their writings

**Course 11: ENG3C09: Linguistics:**

After the completion of this course, students should be able to:

1. Understand linguistics and new directions in the field of linguistics.

**Course 12: ENG3C10: Indian Writing in English :**

After the completion of this course, students should be able to:

1. Appreciate the major writers from India who write in English

**Course 13: ENG3C11: American Literature:**

After the completion of this course, students should be able to:

1. Appreciate and understand American literature and writers.

**Course 14: ENG3E08: European Fiction:**

After the completion of this course, students should be able to:

1. Appreciate the world of European literature and major writers of the period.

**Course 15: ENG4C12: Postcolonial Writings:**

After the completion of this course, students should be able to:

1. Appreciate the major postcolonial writers and their works

**Course 16: ENG4C13: Women's Writing :**

After the completion of this course, students should be able to:

1. Understand and appreciate the genre of women writing

**Course 17: ENG4C14: Film Studies:**

After the completion of this course, students should be able to:

1. Understand the developments in the field of film studies and learn major classic cinemas and cinematic techniques.

**Course 18: ENG4C15: Comprehension:**

After the completion of this course, students should be able to:

1. Face competitive examinations and also be thorough with the course materials they have already covered during the program.

**Course 19: ENG4C16: Project:**

After the completion of this course, students should be able to:

1. Prepare academic projects with proper writing methodology and develop research aptitude.

**Course 20: ENG4C17: Viva-Voce:**

It is intended to check the degree to which the student can communicate the knowledge they have assimilated during the program.

**KANNUR UNIVERSITY**  
**PROGRAMME OUTCOMES (PO)**  
**FOR BA DEVELOPMENT ECONOMICS**

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**PO1. Critical Thinking**

Acquire the ability to apply the basic tenets of logic and science to thoughts, actions and interventions.

Develop the ability to chart out a progressive direction for actions and interventions by learning to recognize the presence of hegemonic ideology within certain dominant notions.

1.3 Develop self-critical abilities and also the ability to view positions, problems and social issues from plural perspectives.

**PO2. Effective Citizenship**

Learn to participate in nation building by adhering to the principles of sovereignty of the nation, socialism, secularism, democracy and the values that guide a republic.

Develop and practice gender sensitive attitudes, environmental awareness, empathetic social

awareness about various kinds of marginalisation and the ability to understand and resist various kinds of discriminations.

Internalise certain highlights of the nation's and region's history. Especially of the freedom movement, the renaissance within native societies and the project of modernisation of the post-colonial society.

### **PO3. Effective Communication**

Acquire the ability to speak, write, read and listen clearly in person and through electronic media in both English and in one Modern Indian Language

Learn to articulate, analyse, synthesise, and evaluate ideas and situations in a well-informed manner.

Generate hypotheses and articulate assent or dissent by employing both reason and creative thinking.

### **PO4. Inter disciplinarity**

Perceive knowledge as an organic, comprehensive, interrelated and integrated faculty of the human mind.

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## **Kannur University**

### **Programme Specific Outcome of B.A Economics / Development Economics Programme**

The revised curriculum and syllabi of BA Economics Programme of Kannur University provide a structure of core courses, complementary elective courses and generic elective courses. Diversified course structure will contribute towards all round development of the student. The undergraduate programme in economics borrows ideas and techniques from a variety of other disciplines including history, geography, mathematics, statistics, management and environmental science. An undergraduate programme with sound footing in economic theory and empirics would equip the students to a range of career options in the field of economics, finance, commerce, entrepreneurship and management. The specific outcomes of the programme are summarized below:

1. The programme with structured curricula will support the academic development of the undergraduates.
2. The programme will provide the students with the opportunity to pursue courses that emphasize quantitative, qualitative and theoretical aspects of economics.
3. The programme will provide a well resourced teaching learning environment for the students of economics, which will definitely lead to the ultimate educational goal of “learning to be”.
4. The programme will promote academic writing, critical thinking and research aptitude among the students.
5. Needless to point out, the students will gain a source of livelihood by expanding their skill set and widening their knowledge horizon.

**CORE COURSE I: MICROECONOMIC ANALYSIS I**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>I</b>	<b>1B01 ECO/ DEV ECO</b>	<b>6</b>	<b>5</b>	<b>3</b>

**COURSE OUTCOME**

*The Course Outcomes are the knowledge and skills the student acquire at the end of a course.*

1. A strong theoretical and empirical foundation in economics which produces employable graduates and has scope for a variety of opportunities for higher education in economics and related disciplines.
2. Students familiarity about the tool box of micro economics will enhance the capacity for understanding the functioning of economies.
3. A thorough knowledge and theoretical understanding of the foundations of modern economic analysis

**CORE COURSE II: MICROECONOMIC ANALYSYS II**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>II</b>	<b>2B02 ECO/ DEV ECO</b>	<b>6</b>	<b>4</b>	<b>3</b>

**COURSE OUTCOME**

1. Students may acquire confidence to apply the principles of micro economics to the decision making of firms and the functioning of the market.
2. Students will also be able to analyze the distributional dynamics of the economy both at the micro and the macro level

**CORE COURSE III: CENTRAL THEMES IN INDIAN ECONOMY**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>III</b>	<b>3B03 ECO</b>	<b>5</b>	<b>5</b>	<b>3</b>

### **COURSE OUTCOME**

1. To help the students to identify the basic structure and working of Indian economy by enabling them to use qualitative and quantitative data relating to various economic issues and policies.
2. Students may get an opportunity to identify the strategic drivers in the development of Indian Economy.
3. It will create an environment to comprehend and critically appraise the current problems and policies relating to Indian economy.

### **DEVELOPMENT ECONOMICS CORE COURSE III: THEORIES OF ECONOMIC DEVELOPMENT**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
III	3B03 DEV ECO	5	5	3

#### **Course outcomes**

1. To know the determinants and measurement issues relating to growth and development
2. To enable students to understand the theories and strategies of growth and development
3. To provide basic understanding about the developmental challenges faced by LDCs
4. To provide a general outlook on various policy issues in development.

### **CORE COURSE IV: INTERNATIONAL ECONOMICS**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
III	3B04 ECO/ DEV ECO	4	4	3

### **COURSE OUTCOME**

1. Enabling the students to assess current international economic issues based on theory and evidence.
2. Preparing the students to undertake higher studies and research in issues related to International Economics
3. Students may get an opportunity to examine the trends in global economic performance

### **CORE COURSE V**

#### **RESEARCH METHODS AND TECHNIQUES FOR ECONOMIC ANALYSIS**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
IV	4B 05 ECO/ DEV ECO	5	4	2+1*

\*computer practical

**COURSE OUTCOME**

1. To initiate students to the field of academic research.
2. Introduce quantitative, qualitative and analytical tools required to prepare small research projects.
3. To bridge the gap between theory and empirics and to familiarize the use and importance of data in research
4. To highlight the importance of scientific research in economics based on academic honesty, integrity and ethics

**CORE COURSE VI: ENVIRONMENTAL ECONOMICS**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>IV</b>	<b>4B06 ECO/ DEV ECO</b>	<b>4</b>	<b>4</b>	<b>3</b>

**COURSE OUTCOME**

1. To provide a deeper understanding about the interface between ecology and economy.
2. Understand the economic incentives to improve and conserve the environment.
3. To provide basic conceptual understanding of environmental disaster, its management and mitigation
4. Ultimately, greater awareness will be imparted about the issues of environmentally sustainable development in an interdisciplinary perspective.

**CORE COURSE VII:**

**BASIC TOOLS FOR ECONOMIC ANALYSIS I**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>V</b>	<b>5 B07ECO/ DEV ECO</b>	<b>6</b>	<b>4</b>	<b>3</b>

**COURSE OUTCOME**

1. To enable the students to understand economic concepts with the aid of mathematical and Statistical tools.
2. To equip the students to quantify economic variables and to enable them to apply statistical techniques in Economics.
3. To analyze and interpret empirical data with the help of statistical tools

**CORE COURSE VIII: HETERODOX ECONOMICS**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>V</b>	<b>5 B08ECO/ DEV ECO</b>	<b>4</b>	<b>4</b>	<b>3</b>

### **Course Outcome**

1. Familiarity with different perspectives of alternative schools of thought may get easily exposed to pluralistic approach to both economic theory and policy.
2. Through such an exposure the course will enhance and diversify the knowledge profile of the students and may get opportunities to pursue higher studies and research in heterodox economics.

### **CORE COURSE IX MACROECONOMIC ANALYSIS -I-**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>V</b>	<b>5B09 ECO/ DEV ECO</b>	<b>5</b>	<b>4</b>	<b>3</b>

### **COURSE OUTCOME**

1. Students will be able to get a perspective on the working of an economy.
2. By sharpening the macroeconomic tool box students will be able to appreciate macroeconomic policies.
3. Enables the students to pursue higher studies in the core domain of economics.

### **CORE COURSE X: DEVELOPMENT ECONOMICS**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>V</b>	<b>5B10ECO</b>	<b>4</b>	<b>4</b>	<b>3</b>

### **COURSE OUTCOME**

1. To make the students aware of the methodological and measurement issues relating to growth and development.
2. To enable the students to understand the theory and empirics of Development Economics with special reference to less developed countries
3. To provide an understanding about the various development issues and the development gap between policy and practice.

### **DEVELOPEMNT ECONOMICS: CORE COURSE X:**

### **DEVELOPMENT PLANNING: TOOLS AND TECHNIQUES**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>V</b>	<b>5B 10 DEV ECO</b>	<b>4</b>	<b>4</b>	<b>3</b>

### **Course outcomes**

1. **To equip students to the fundamentals of economic planning and implementation.**
2. To know the tools and techniques of development planning and its application in the context of development
3. To impart the knowledge about the issues relating to sustainable development and environmental protection.

**CORE COURSE XI: ECONOMICS OF BANKING AND FINANCE**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
V	5B 11ECO/ DEV ECO	4	4	3

**Course Outcome**

1. The students will be equipped with theoretical as well as practical aspects of the structure and working of financial system and regulatory mechanisms.
2. The course is expected to expand the skill set of the students for higher studies and employment in finance
3. The students will be aware of the innovations and the related trends in the field of banking and finance with special reference to instruments like derivatives.

**CORE COURSE XII**  
**BASIC TOOLS FOR ECONOMIC ANALYSIS II**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
VI	6B 12 ECO/ DEV ECO	6	4	3

**COURSE OUTCOME**

1. To enable the students to understand and interpret economic concepts with the aid of mathematical and statistical tools.
2. To enable students to apply statistical techniques in Economics.
3. To analyze and interpret empirical data with the help of statistical tools

**CORE COURSE XIII: MACROECONOMIC ANALYSIS II**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
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<b>VI</b>	<b>6B13 ECO/ DEV ECO</b>	<b>5</b>	<b>4</b>	<b>3</b>
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**COURSE OUTCOME**

1. Students will be equipped with a sound idea of advancements in macro economics with tools like IS-LM and the developments there after.
2. Students will be equipped with the theories of economic fluctuations and needed policy intervention
3. Student will be able to develop critical thinking and research inquisitiveness in macro economics
4. Opportunities to higher studies and prospects for employment through the knowledge of theories and concepts in Macroeconomics will be enhanced.

**CORE COURSE XIV: PUBLIC ECONOMICS**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>VI</b>	<b>6B14 ECO/ DEV ECO</b>	<b>5</b>	<b>4</b>	<b>3</b>

**COURSE OUTCOME**

1. Better conceptualization of the economic rationale of govt. in terms of allocation, distribution, stabilization and growth in a federal system
2. Better exposure to resource mobilization by the govt. through innovative fiscal instruments like GST.
3. Students are expected to get an overall perspective of public policy and the development programmes aimed at public welfare as well

**CORE COURSE XV:**

**BASIC ECONOMETRIC ANALYSIS**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>VI</b>	<b>6B15 ECO/ DEV ECO</b>	<b>6</b>	<b>4</b>	<b>3</b>

**COURSE OUTCOME**

1. This course provides a comprehensive introduction to basic econometric concepts, methodology and techniques of analysis.
2. The Students will acquire knowledge and adequate skills for the development of simple linear econometric models.
3. The students will be able to perform econometric analysis relating to their project work and future research and development.

**CORE COURSE XVI: PROJECT WORK**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
VI	6B 16 ECO/DEV ECO	3	2	EXTERNAL PROJECT EVALUATION

The students are directed to identify a relevant project topic in economics or related areas during the V semester itself and approval from the Head of the Department is mandatory. After getting the approval of the project proposal from the Head, they will work on it under the supervision of the concerned faculty members. Students are further requested to complete review of literature, field work, questionnaire, if any, during the V semester itself. Only the writing part may be earmarked for the VI semester. This is for the timely completion and improving the quality of the work. It is the duty of the HoDs to ensure the above procedures.

**COMPLEMENTARY ELECTIVE COURSE 01: MATHEMATICS FOR ECONOMIC ANALYSIS I**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
1	1C 01 ECO/DEV ECO	6	4	3

**COURSE OUTCOME**

1. Students will be equipped with the basics of mathematical tools and their application for better understanding and interpretation of economic theory.
2. This course is expected to provide students with an elementary introduction to mathematical concepts that are used in the study of economics at UG level.
3. The basic outcome of the course will be the enhancement of skills in applying mathematical concepts that are indispensable for in depth study of theoretical as well as empirical economics.

**COMPLEMENTARY ELECTIVE COURSE 02: MATHEMATICS FOR ECONOMIC ANALYSIS II**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
II	2C 02 ECO/	6	4	3

1. The course will provide the basics of mathematical tools for analyzing economic theory.
2. The analytical ability of students in dealing with economic theories and concepts is expected to be enhanced by involving in calculus and matrix algebra

**COMPLEMENTARY ELECTIVE COURSE 03: MATHEMATICAL ECONOMICS-I**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
III	3 C03 ECO/ DEV ECO	6	4	3



### **COURSE OUTCOMES**

1. Understanding of the basic mathematical concepts and tools will be improved.
2. Students will be able to conceptualize economic problems mathematically and develop skills in applying mathematical tools and techniques in microeconomic theory.

### **COMPLEMENTARY ELECTIVE COURSE 04: MATHEMATICAL ECONOMICS-II**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>IV</b>	<b>4C 04 ECO/ DEV ECO</b>	<b>6</b>	<b>4</b>	<b>3</b>

### **COURSE OUTCOMES:**

1. The course will provide an understanding of the fundamental concepts of linear programming, input output analysis and game theory and their applications in economics.
2. It will enhance the capacity of the students in recognizing an economic variable with the help of mathematical tools

### **COMPLEMENTARY ELECTIVE COURSE 05: INTRODUCTORY ECONOMICS -I**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>1</b>	<b>1C 05 ECO</b>	<b>6</b>	<b>4</b>	<b>3</b>

### **COURSE OUTCOME**

1. The students will get an overall background of the economic theory
2. Specific inputs from micro economics covering the fundamental concepts will improve their analytical skills

### **COMPLEMENTARY ELECTIVE COURSE 06: INTRODUCTORY ECONOMICS II**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>II</b>	<b>2C 06 ECO</b>	<b>6</b>	<b>4</b>	<b>3</b>

### **COURSE OUTCOME**

1. To familiarize the students about the subject matter of economics mainly relating to concepts in macro economics and public finance.

- Students are expected to get an awareness of the development issues of Indian economy with special reference to poverty, inequality, unemployment and black economy.

**COMPLEMENTARY ELECTIVE COURSE 07: HISTORY OF ECONOMIC THOUGHT- I**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
1III	3C 07 ECO	6	4	3

**COURSE OUTCOMES**

- Students are expected to get an idea of the economic philosophy in a historical perspective
- Students are also exposed to heterogeneous thinking in economics

**COMPLEMENTARY ELECTIVE COURSE 08: HISTORY OF ECONOMIC THOUGHT- II**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
1V	4C 08 ECO	6	4	3

**COURSE OUTCOMES**

- Students are expected to get an idea of the economic philosophy in a historical perspective
- Students are also exposed to some of the heterogeneous thinking in economics like Neoclassical, Keynesian and Indian economic thinking

**COMPLEMENTARY ELECTIVE COURSE 09: POPULATION AND DEVELOPEMNT**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
1	1C 09 ECO	6	4	3

**COURSE OUTCOME**

- Students will be able to identify the linkage between population and development
- Students will be able to get an idea of the basic demographic concepts like fertility, mortality, migration and urbanization
- Students are also expected to get an understanding on the regional, national and global population trends

**COMPLEMENTARY ELECTIVE COURSE 10: ECONOMIC GEOGRAPHY**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
II	2C10 ECO	6	4	3

**COURSE OUTCOME**

1. Students will be exposed to the emerging branch of economic geography.
2. The course will provide preliminary inputs for sharpening their analytical tools of economic geography.
3. Students will also get an idea of geography of key economic variables in the Indian context

**COMPLEMENTARY ELECTIVE COURSE 11 AGRICULTURAL ECONOMICS**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
III	3C11 ECO	6	4	3

**COURSE OUTCOME**

1. The course is expected to provide a basic knowledge of the essentials of agricultural economics
2. Students are expected to get an opening for higher studies and research in agricultural economics
3. The course will help students to get an agrarian entrepreneurship towards a source of livelihood.

**COMPLEMENTARY ELECTIVE COURSE 12: GENDER ECONOMICS**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
IV	4C 12 ECO	6	4	3

**COURSE OUTCOMES**

1. Students will be having an understanding of the basic concepts relating to gender as a social construct and its link with development.
2. Students are exposed to gender challenges to development

**GENERIC ELECTIVE COURSE 01: BASICS OF ECONOMICS**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
V	5D 01ECO/ DEV ECO	2	2	2

**COURSE OUTCOMES:**

1. Students will have an understanding of the basic concepts of economics in everyday life
2. Students will be able to get an idea of major economic issues

**GENERIC ELECTIVE COURSE 02: DEVELOPEMNT ISSUES OF INDIAN ECONOMY**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
V	5D 02ECO/ DEV ECO	2	2	2

**COURSE OUTCOME**

1. Students will be able to develop a comprehensive perspective on the development issues confronted by

Indian economy.

2. Students will be able to apply economic theories and concepts for understanding contemporary development issues.

**GENERIC ELECTIVE COURSE 03: KERALA ECONOMY**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>V</b>	<b>5D 03ECO/ DEV ECO</b>	<b>2</b>	<b>2</b>	<b>2</b>

**COURSE OUTCOMES**

1. Students will be able to understand the structural changes in Kerala Economy.
2. The course will provide the students a basic understanding about the developmental issues

**GENERIC ELECTIVE COURSE 04: FUNDAMENTALS OF BUDGET**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>V</b>	<b>5D 04 ECO/ DEV ECO</b>	<b>2</b>	<b>2</b>	<b>2</b>

**COURSE OUTCOME**

1. Students will get an idea about budget and the basic concepts, apart from budgetary procedures
2. Students will acquire basic knowledge about the sources of revenue and expenditure of govt.

**GENERIC ELECTIVE COURSE 05:**  
**INDIAN ECONOMY IN THE POST REFORM PERIOD**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>V</b>	<b>5D 05ECO/ DEV ECO</b>	<b>2</b>	<b>2</b>	<b>2</b>

**COURSE OUTCOMES**

1. Students will be aware of the structural changes in the Indian economy during the post reform period.
2. Students will be equipped to evaluate the impact of the New Economic Policies on the various sectors of the economy.

**MA DEVELOPMENT ECONOMICS**

**PROGRAMME OUTCOMES:**

After the completion of this programme, the students will be able to:

1. To understand the working of economy at global, national and regional level
2. To understand various economic systems and alternative systems
3. To link the knowledge about society and economy
4. To develop analytical mind and to foster research capability
5. To Critical analysis of existing concepts and theories and alternative economic policies
6. To sensitizing students on economic, social, environmental, gender and tribal development issues.
7. To develop capability to analyse, evaluate the existing economic system in broad economic framework and formulate revised and alternative policies.
8. To promote research and analytical ability in the arena of economics.

**Course Outcomes:**

**CORE COURSE 1: ECO1C01: MICRO ECONOMIC THEORY- I**

1. Acquaint and equip the students with the advance theories and concepts that the mainstream economic literature introduced as tools of decision making.
2. Build the foundation for research and advanced studies in microeconomics
3. Understand how economic agents take decisions and how they would respond to changes in economic phenomena.
4. To develop a broader vision in the approach of the subject.

**CORE COURSE 2: ECO 1C02 : MACRO ECONOMIC THEORY-II**

1. Helps students extend their knowledge in advanced theories and concepts that the mainstream economic literature as tools of decision making.
2. Build the knowledge for research and advanced studies about economics at macro level.
3. Enables them evaluate the working of the economy at the aggregate level.
4. Critically analyze the alternative economic policies required to develop suitable solutions to various economic problems of their society and economy.

**CORE COURSE 3: ECO1C03: QUANTITATIVE TECHNIQUES FOR  
ECONOMIC ANALYSIS**

1. To enable the students to grasp why And how the various quantitative methods and are used and its applications
2. To understand the scientific method employed for problem solving and decision making by management
3. To understand the wide applications of quantitative tools in economic research and analysis

**CORE COURSE 4: ECO1C04: DEVELOPMENT ISSUS OF INDIAN ECONOMY  
(With SPECIAL REFERENCE TO KERALA)-I**

1. To understand the features of Indian economy and potential for development.
2. To understand and analysis of the economy of Indian economy in the pre reform and post reform period
3. To understand the success and failures of economic policies after independence to solve basic economic problems.

4. To provide a broad vision about the development of national economy to archive broad socio economic objectives.

#### **CORE COURSE 5: ECO2C05 : MICRO ECONOMIC THEORY- II**

1. Acquaint and equip themselves with the advanced macroeconomic theories and concepts.
2. Help them to critically analyze the alternative economic policies required to develop suitable solutions to various economic problems of the society and economy.
3. To study how to use the excising theories to achieve optimum welfare by reallocating scarce resources.

#### **CORE COURSE 6: ECO206: MACRO ECONOMIC THEORY-II**

1. Helps students extend their knowledge in advanced theories and concepts that the mainstream economic literature as tools of decision making.
2. Build the knowledge for research and advanced studies about economics at macro level.
3. Enables them evaluate the working of the economy at the aggregate level.
4. Critically analyze the alternative economic policies required to develop suitable solutions to various economic problems of their society and economy.

#### **CORE COURSE 7: ECO207: DEVELOPMENT ISSUS OF INDIAN ECONOMY**

##### **(With SPECIAL REFERENCE TO KERALA)-II**

1. To understand the features of Indian economy and potential for development.
2. To understand and analysis of the economy of Indian economy in the pre reform and post reform period
3. To understand the success and failures of economic policies after independence to solve basic economic problems.
4. To provide a broad vision about the development of national economy to archive broad socio economic objectives.
5. To provide the unique experiments of Kerala in the socio economic development

#### **CORE COURSE 8: ECO2C08: PUBLIC ECONOMICS-I**

1. To understand theories of public economics and discusses about Indian public finance.
2. To analyses how public sector behavior is shaped and discusses about public choice

3. To know the nature of government intervention and its implications for allocation, distribution and stabilization.
4. To provide an understanding of the basic issues relating to public revenue, expenditure, debt management, budget preparation and centre state financial relations in India.
5. Make them capable of understanding the financial activities and policies of the government.

#### **CORE COURSE 9:ECO09:BASIC ECONOMETRICS**

1. To understand the development and use of econometric techniques for the analysis of economic problems.
2. To help the practitioner understand the problem at hand in its different dimensions.
3. Understanding the inter-relationships among econometric variables.
4. To enhance the analytical skill of students thereby they will attract wider demand in professional fields.
5. To equip students to build and analyses various economic models

#### **CORE COURSE 10: ECO3C10: PUBLIC ECONOMICS-II**

1. To understand theories of public economics and discusses about Indian public finance.
2. To analyses how public sector behavior is shaped and discusses about public choice
3. To know the nature of government intervention and its implications for allocation, distribution and stabilization.
4. To provide an understanding of the basic issues relating to public revenue, expenditure, debt management, budget preparation and centre state financial relations in India.
5. Make them capable of understanding the financial activities and policies of the government.

#### **CORE COURSE 11:ECO3C11: ECONOMICS OF GROWTH & DEVELOPMENT-I**

1. Review the mainstream theories of growth and development
2. Enable students to acquire an understanding of multi-dimensional aspects of development issues.
3. To enable students to the possibilities of alternative economic thinking by introducing the development experiences of emerging economies.
4. To make a wide and broad vision among students about the basic issues of economy



### **CORE COURSE 12:ECO3C12: ENVIRONMENTAL ECONOMICS**

1. Providing an exposure to the students in the basics of environmental economics and its conceptual foundations.
2. Provides the necessary training to the students of economics and equips them to deal with issues in the environmental sectors.
3. Assist the students to analyze the issues and to develop solutions for policy purposes.
4. Equip the students to apply economic tools and methods to minimize environmental damages.
5. To developing ethics and consciousness among students to deal with environmental resources

### **CORE COURSE 13:FINANCIAL ECONOMICS**

1. To understand the basic functions of Banking and financial institutions is an integral part of the economic system of a country.
2. To understand the nature, functioning and issues related to financial institutions need to be understood by students of economics.
3. To analyses the operation and regulation of financial institutions are to be studied to appreciate their key role in an economy, especially after the far-reaching banking and financial sector reforms in India and elsewhere.
4. To acquaint the students fully with the fundamentals of financial system
5. To analyses recent changes in the functions and operations of financial system owing to neoliberal policies.

### **CORE COURSE 14: ECO4C14: GLOBAL TRADE AND FINANCE**

1. To understand the economic and financial interdependence among nations deals with global trade and finance
2. To understand economic actions of many of the business firms and government organizations are affected directly or indirectly by international economic events.
3. To understand theories of international trade, international economic integration, trade and growth, balance of payments and international monetary system etc.
4. To learn the issues and their solution with regard to international trade.
5. To explore new areas of development in global trade and to develop a global economic outlook

among students.

**CORE COURSE 15:ECO4C15: ECONOMICS OF GROWTH AND DEVELOPMENT-II**

1. Review the mainstream theories of growth and development
2. Enable students to acquire an understanding of multi-dimensional aspects of development issues.
3. To enable students to the possibilities of alternative economic thinking by introducing the development experiences of emerging economies.
4. To make a wide and broad vision among students about the basic issues of economy

**CORE COURSE 16: ECO04C16:VIVA VOICE**

1. To evaluate the deep and updating existing knowledge through a face to face interaction
2. Increase their confidence in the subject matter through a to face to face conversation.
3. To understand and develop their analysis capabilities

**KANNUR UNIVERSITY**  
**PROGRAMME OUTCOMES (PO)**  
**FOR B.COM DEGREE PROGRAMME**

**PO 1.Critical Thinking:**

Acquire the ability to apply the basic tenets of logic and science to thoughts, actions and interventions.

Develop the ability to chart out a progressive direction for actions and interventions by learning to recognize the presence of hegemonic ideology within certain dominant notions.

1.3 Develop self-critical abilities and also the ability to view positions, problems and social issues from plural perspectives.

### **PO 2.Effective Citizenship:**

Learn to participate in nation building by adhering to the principles of sovereignty of the nation, socialism, secularism, democracy and the values that guide a republic.

Develop and practice gender sensitive attitudes, environmental awareness, empathetic social awareness about various kinds of marginalisation and the ability to understand and resist various kinds of discriminations.

Internalise certain highlights of the nation's and region's history. Especially of the freedom movement, the renaissance within native societies and the project of modernisation of the post-colonial society.

### **PO 3.Effective Communication:**

Acquire the ability to speak, write, read and listen clearly in person and through electronic media in both English and in one Modern Indian Language

Learn to articulate, analyse, synthesise, and evaluate ideas and situations in a well- informed manner.

Generate hypotheses and articulate assent or dissent by employing both reason and creative thinking.

### **PO 4.Interdisciplinarity:**

Perceive knowledge as an organic, comprehensive, interrelated and integrated faculty of the human mind.

Understand the issues of environmental contexts and sustainable development as a basic interdisciplinary concern of all disciplines.

Develop aesthetic, social, humanistic and artistic sensibilities for problem solving and evolving a comprehensive perspective.

# **KANNUR UNIVERSITY**

## **PROGRAMME SPECIFIC OUTCOME OF B.COM DEGREE**

**After the successful completion of the B.Com Degree Programme, the students shall be able to;**

**PSO 1:**

**Understand the concepts and techniques of commerce and its application in business environment**

**PSO 2:**

**Conceive the ideas on entrepreneurship and develop the skills for setting up and management of business organizations**

**PSO 3:**

**Develop the skills and abilities to become competent and competitive in the business world**

**PSO 4:**

**Develop the competency to take wise decisions at personal and professional level**

**PSO 5:**

**Appraise the impact of other disciplines on the working of business**

## **CORE COURSE I : - MANAGEMENT CONCEPTS AND PRINCIPLES**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>I</b>	<b>1B01 COM</b>	<b>5</b>	<b>4</b>	<b>3</b>

### **COURSE OUTCOME**

After studying the course, students shall be able to;

CO1:- Understand the evolution of management thoughts, concept of management, scope and its functions.

CO2:- Familiarize with current management practices. CO3:- Understand the importance of ethics in business.

CO4:- Acquire knowledge and capability to develop ethical practices for effective management.

CO5:- Describe the emerging trends in management.

## **CORE COURSE II : FUNCTIONAL APPLICATIONS OF MANAGEMENT**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>II</b>	<b>2B02 COM</b>	<b>5</b>	<b>4</b>	<b>3</b>

### **COURSE OUTCOME**

After studying this course, the students shall be able to;

CO 1: Describe nature and scope of financial management and the elements in the management of finance

CO 2: Enumerate marketing management and its different aspects

CO 3: Explain Human Resources Management and the activities involved in it CO 4: Understand the modern global marketing trends and its challenges

## **CORE COURSE III : ADVANCED ACCOUNTING**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
III	3B03 COM	6	4	3

**COURSE OUTCOME**

After studying the course, the students shall be able to;

CO 1. Understand the theoretical and practical knowledge of the basics of accounting. CO 2. Acquire the knowledge of accounting for royalty, Consignment and Hire Purchase CO 3. Imbibe the accounting concepts of Inland Branch Business.

CO 4. Comprehend the procedure for determining profit and financial position from incomplete records.

**CORE COURSE V : CORPORATE ACCOUNTING**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
IV	4B05 COM	6	4	3

**COURSE OUTCOME**

After studying this course, the students shall be able to;

CO 1: Understand the mode of presentation and understanding of financial reporting . CO 2: Learn the accounting procedure for recording transaction relating to the issue and redemption of shares and debentures.

CO 3: Imbibe the techniques of recording transactions in respect of amalgamation, reconstruction and liquidation of companies..

CO 4: Understand the concept of IFRS and Ind AS

**CORE COURSE VII: BUSINESS RESEARCH METHODOLOGY**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
V	5B07 COM	4	3	3

**COURSE OUTCOME**

After studying the course, the students shall be able to;

CO 1: Understand the fundamental aspects of research in business CO2: identify and define research problem

CO 3: formulate research plan

CO 4: understand various methods of collecting data CO 5: prepare research report themselves

### **CORE COURSE VIII : INCOME TAX LAW AND PRACTICE**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>V</b>	<b>5B08 COM</b>	<b>5</b>	<b>4</b>	<b>3</b>

#### **COURSE OUTCOME**

After studying this course, the students shall be able to;

CO 1 Define the basic concepts in Income tax, explain its evolution CO 2 Determine the residence and incidence of Tax

CO 3 Understand the incomes exempt from tax of an individual CO 4 Compute income under different heads of income

### **CORE COURSE IX: COST ACCOUNTING**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>V</b>	<b>5B09 COM</b>	<b>5</b>	<b>4</b>	<b>3</b>

#### **COURSE OUTCOME**

After studying this course, students shall be able to:

CO 1: Explain the nature, scope, objectives and limitations of costing

CO 2: Identify the elements of cost and describe the methods of their ascertainment and control

CO 3: Explain the various methods of costing and their suitability for different industries CO 4: Ascertain the cost of production of products and jobs

### **CORE COURSE X : BANKING PRINCIPLES AND OPERATIONS**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>V</b>	<b>5B10 COM</b>	<b>5</b>	<b>4</b>	<b>3</b>

### **COURSE OUTCOME**

After studying this course, the students shall be able to;

CO 1: Explain banking and describe the different types of banks and the functions of commercial bank

CO 2: Narrate the role of RBI in the credit control, promotion and regulation of monetary system

CO 3: Describe the relationship between banker and customer and the procedure for opening and operating the account

CO 4 : Understand the modern trends and technology used in banking

### **CORE COURSE XII : FINANCIAL MARKETS AND SERVICES**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>VI</b>	<b>6B12 COM</b>	<b>4</b>	<b>3</b>	<b>3</b>

### **COURSE OUTCOME**

After studying the course, the students shall be able to;

CO 1: understand the financial system and its constituents

CO2: familiarise with the activities taking place in the financial markets

CO 3: Appraise the various financial services available in the financial markets CO 4: acquire knowledge about financial derivatives and their features

### **CORE COURSE XIII : MANAGEMENT ACCOUNTING**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>VI</b>	<b>6B13 COM</b>	<b>5</b>	<b>4</b>	<b>3</b>

### **COURSE OUTCOME**

After studying the course, the students shall be able to;

CO 1. understand the fundamental concepts of management accounting.



CO 2. acquire analytical skills associated with the interpretation of accounting reports CO 3. apply management accounting concepts in real life situations.

CO 4. develop judgmental skills associated with the use of accounting information in decision making.

CO 5. understand the use of marginal costing and budgetary control to plan and control cost and profit.

**CORE COURSE XIV: AUDITING AND CORPORATE GOVERNANCE**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>VI</b>	<b>6B14 COM</b>	<b>5</b>	<b>4</b>	<b>3</b>

**COURSE OUTCOME**

After studying the course, the student shall be able to;

CO 1: understand the term auditing, its concept, principles, procedures and requirements needed for Auditing in accordance with current legal requirements and professional standards.

CO 2: familiarize with the various aspects of audit consisting of internal check, vouching, verification and valuation of assets and liabilities

CO 3: understand the appointment, rights, duties and the liabilities of an auditor. CO 4: explain the concept of Corporate Governance and its aspects

**CORE COURSE XV: INCOME TAX AND GST**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>VI</b>	<b>6B15 COM</b>	<b>5</b>	<b>4</b>	<b>3</b>

**COURSE OUTCOME**

After studying this course, the students shall be able to;

CO 1: Compute total income and determine the tax liability of an individual and partnership firm, company and cooperative society

CO 2: Describe the income tax authorities, their powers and assessment procedure

CO 3: Explain the procedure regarding deduction of tax at source, advance tax, refund, penalties and prosecution

CO 4: Describe Goods and Service Tax, its levy and collection

**CORE COURSE XVII: PROJECT**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
VI	6B17 COM	2	2	-

**COURSE OUTCOME**

**CO 1:** understand the method of carrying out a project **CO2:** undertake project work independently

**CORE COURSES IN THE ELECTIVE STREAM**

**ELECTIVE STREAM I – CO-OPERATION**

**CORE COURSE IV : CO-OPERATION I – CO-OPERATIVE PRINCIPLES**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
III	3B04 COM	5	4	3

After studying this course, students shall be able to;

CO 1: Understand the concepts and principles of Cooperative movement

CO2: Understand the origin of cooperative movement and the history of cooperatives in the world

CO 3: Describe Indian cooperative movement, its features , structure and significance CO 4: Acquaint themselves with the system of cooperative education, training and its impact on the functioning of cooperative organisations

**CORE COURSE VI : CO-OPERATION II – MANAGEMENT OF CO- OPERATIVES**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
IV	4B06 COM	5	4	3

**COURSE OUTCOME**

After studying this course, students shall be able to; CO 1: Understand kinds of cooperatives in India

CO 2: Understand the management and administration of different types of cooperatives CO 3: Identify the role and significance of cooperative organization in Kerala's Economy

CO 4: Describe various kinds of cooperative institutions

**CORE COURSE XI : CO-OPERATION III – CO-OPERATIVE LAWS**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
V	5B11 COM	4	4	3

**COURSE OUTCOME**

After studying the course, the students shall be able to:

CO 1: Understand the historical perspective of cooperative legislation in India and Kerala.

CO2: Understand the provisions of Kerala cooperative Societies Act 1969

CO 3: Describe the procedure for the formation and registration of a cooperative organisation

CO 4: describe the provisions of management and winding up of cooperative societies

**CORE COURSE XVI : CO-OPERATION IV – CO-OPERATIVE ACCOUNTING AND LEGISLATIONS**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
VI	6B16 COM	4	4	3

**COURSE OUTCOME**

After studying the course, student should be able to;

CO 1: prepare and present accounting aspects of cooperative organisations CO 2: understand the procedure of cooperative auditing

CO 3: Understand the provisions regarding the settlement of disputes in cooperatives CO 4:

Acquaint knowledge on the impact of various other legislations on cooperatives

**CORE COURSE IV : COMPUTER APPLICATION I – INTRODUCTION TO COMPUTERS AND NETWORKS**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
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<b>III</b>	<b>3B04 COM</b>	<b>5(3+2) (T+P)</b>	<b>4</b>	<b>2 hrs (theory) 1 hr (practical)</b>
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**COURSE OUTCOME**

After studying the course, the students shall be able to;

CO 1: Understand about computer, peripherals, software and operating system

CO 2: Understand the importance of IT in the modern world and recent development in IT CO 3: Develop WebPages for business

**CORE COURSE VI : COMPUTER APPLICATION II – DATA BASE  
MANAGEMENT SYSTEM**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>IV</b>	<b>4B06 COM</b>	<b>5(3+2) (T+P)</b>	<b>4</b>	<b>2 hrs (Theory) 1 hr(Practical)</b>

**COURSE OUTCOME**

After studying the course, the students shall be able to:

CO 1: familiarize with the concepts of database management CO 2: handle the database for business firms.

CO 3: develop knowledge in Access and SOL

**CORE COURSE XI : COMPUTER APPLICATION III – INFORMATION  
TECHNOLOGY FOR BUSINESS**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>V</b>	<b>5B11 COM</b>	<b>4(2+2) (T+P)</b>	<b>4</b>	<b>2 hrs (Theory) 1 hr(Practical)</b>

**COURSE OUTCOME**

After studying the course, the students shall be able to:

CO 1: Understand the role of information technology in business CO 2: acquire knowledge in E-Commerce and its application

CO 3: acquire knowledge in information systems and Enterprise Resource Planning CO 4: manage the office activities with the help of spreadsheet software

**CORE COURSE XVI : COMPUTE APPLICATION IV – ACCOUNTING PACKAGES - TALLY**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>VI</b>	<b>6B16 COM</b>	<b>4(2+2) (T+P)</b>	<b>4</b>	<b>2 hrs (Theory) 1 hr(Practical)</b>

**COURSE OUTCOME**

After studying the course, the students shall be able to; CO 1: acquire knowledge in the accounting package Tally

CO 2: .understand the method of creating accounts and vouchers in tally.

CO 3: able to prepare financial statements by using Tally

CO 4: Help students develop skill in preparing financial statements in Tally. CO 5: perform treatment of GST and TDS by using Tally

**ELECTIVE STREAM III – FINANCE**

**CORE COURSE IV : FINANCE I – FINANCIAL MANAGEMENT**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>III</b>	<b>3B04 COM</b>	<b>5</b>	<b>4</b>	<b>3</b>

**COURSE OUTCOME**

After studying the following chapters, the students shall be able to :

CO 1: understand the concept, importance and techniques of capital budgeting.

CO 2: gain knowledge about sources and uses of working capital and significance of working capital management.

CO 3: explain optimum capital structure, theories of capital structure, distinguish between financial and operating leverage.

CO 4: describe the concept of cost of capital and compute the component cost of capital and weighted average cost of capital.

CO 5: differentiate the types of dividend, explain dividend policy and factors affecting dividend policy

## **CORE COURSE VI : FINANCE II – INVESTMENT MANAGEMENT**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>IV</b>	<b>4B06 COM</b>	<b>5</b>	<b>4</b>	<b>3</b>

### **COURSE OUTCOME**

After studying the course, the students shall be able to;

CO 1: understand the concept of investment and risk

CO2: explain the different types of securities and their schemes

CO 3: develop a thorough knowledge about security market, its participants and factors affecting security market

CO 4: conduct fundamental and technical analysis of investments in the security market CO 5: discuss the application of Portfolio Theory, process of portfolio management and measurement of portfolio performance.

## **CORE COURSE XI : FINANCE III – GOODS AND SERVICE TAX**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>V</b>	<b>5B11 COM</b>	<b>4</b>	<b>4</b>	<b>3</b>

### **COURSE OUTCOME**

After studying the course, the students shall be able to,

CO 1: understand the basic concept of GST. CO 2: Explain how GST is levied and collected.

CO 3: describe IGST, its levy and collection

CO 4: familiarise with the preparation of invoice and filing of return under GST

## **CORE COURSE XVI : FINANCE IV – CORPORATE TAX PLANNING**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>VI</b>	<b>6B16 COM</b>	<b>4</b>	<b>4</b>	<b>3</b>

### **COURSE OUTCOME**

After studying the course, the students shall be able to;

CO 1: understand the concept of tax planning and determine the tax liability of companies

CO 2: understand the methods of reducing tax liability through proper tax planning

CO 3: take financial and managerial decisions after considering the impact of direct tax laws

### **ELECTIVE STREAM IV – MARKETING**

#### **CORE COURSE IV : MARKETING I – MARKETING PRINCIPLES**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>III</b>	<b>3B04 COM</b>	<b>5</b>	<b>4</b>	<b>3</b>

### **COURSE OUTCOME**

After studying the course, the students shall be able to;

CO 1: develop awareness about various marketing related terms CO 2: identify the various marketing decisions

CO 3: understand about the international market scenario CO 4: enumerate the various marketing channels

CO 4: understand international marketing and recent trends in marketing

#### **CORE COURSE VI : MARKETING II – CONSUMER BEHAVIOUR**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>IV</b>	<b>4B06 COM</b>	<b>5</b>	<b>4</b>	<b>3</b>

### **COURSE OUTCOME**

After studying the course, the students shall be able to;

CO 1: understand the concept of consumer behaviour CO 2: describe determinants of consumer behaviour CO 3: Explain the consumer decision making process CO 4: describe concept of consumer satisfaction

**CORE COURSE XI : MARKETING III – PROMOTION MANAGEMENT**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>V</b>	<b>5B11 COM</b>	<b>4</b>	<b>4</b>	<b>3</b>

**COURSE OUTCOME**

CO 1: understand the term promotion and its importance

CO 2: enumerate various methods of sales promotion and its effects CO 3: familiarise with the theory and practice of advertisement

CO 4: Prepare advertisement copy

**CORE COURSE XVI : MARKETING IV – MARKET RESEARCH**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>VI</b>	<b>6B16 COM</b>	<b>4</b>	<b>4</b>	<b>3</b>

**COURSE OUTCOME**

After studying the course, the students shall be able to;

CO 1: .understand the concept market research , its importance and type. CO 2; Explain the process involved in the marketing research

CO 3: appraise the various methods of collecting data and analysis

CO 4: understand the methods of writing report and prepare report by themselves.

**GENERAL AWARENESS COURSE I : BUSINESS STATISTICS AND BASIC NUMERICAL SKILLS**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>I</b>	<b>1AI1 COM</b>	<b>6</b>	<b>4</b>	<b>3</b>

**COURSE OUTCOME**

After studying this course, students shall be able to;



CO 1: Define statistics and explain its importance, scope, applications and limitations CO 2: Understand the basic knowledge of statistical techniques, which are applicable to business.  
 CO 3: understand basic concepts in mathematics, which are applied in the managerial decision making.  
 CO 4: Develop the basic mathematical skill needed for analyzing numeric problems related to business

(22 Hrs)

**GENERAL AWARENESS COURSE II : ENTREPRENEURSHIP DEVELOPMENT**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
III	3A12 COM	5	4	3

**COURSE OUTCOME**

After the completion of the course the learners should be able to

CO 1: Identify the characteristics of an entrepreneur  
 CO 2: describe the importance of entrepreneurs in the economic developmet of a nation CO 3: identify the different types of entrepreneurs  
 CO 4: to strengthen their skill and quality as an entrepreneur

**GENERAL AWARENESS COURSE III : GENERAL INFORMATICS SKILLS**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
IV	4A13 COM	5(3+2) (T+P)	4((3+1)	Theory 2 Practical 1

**COURSE OUTCOME**

After studying the course, the students shall be able to;

CO 1: Explain the Fundamentals of Computers the use of computers in day to day application  
 CO 2: Up to date and expand the basic informatics skills necessary in the emerging knowledge society

CO 3: Effectively utilize the digital knowledge resources for their studies CO 4: State the areas where IT can be used effectively

CO 5: Perform accounting by using the appropriate accounting packages

[24 Hours]

**GENERAL AWARENESS COURSE IV : ENVIRONMENTAL STUDIES  
AND DISASTER MANAGEMENT**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
IV	4A14 COM	5	4	3

**COURSE OUTCOME**

After studying the course, the students shall be able to;

CO 1: Understand the components of environment and need for the protection of environment

CO 2: Understand the effect of pollution on environment and the ways of protecting the environment

CO 3: Explain the social issues relating to environmental pollution

CO 4: Clearly understand the various environmental hazards and the ways of managing disaster.

**COMPLEMENTARY COURSE I: QUANTITATIVE TECHNIQUE FOR  
BUSINESS DECISIONS**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
II	2C01 COM	6	4	3

**COURSE OUTCOME**

After studying the course, students should be able to,

CO 1:- Acquaint with the basic statistical tools, which can be applied in business and economic situations.

CO 2:- Develop knowledge in quantitative techniques, which help in tackling various problems for modern business.

CO 3:- Understand and solve problems in probability, correlation and regression. CO 4:- Understand the effect of trend and seasonal variations on business.

CO 5:- Familiarize with the testing of hypothesis.

**COMPLEMENTARY COURSE II: BUSINESS REGULATORY FRAMEWORK**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
III	3C02 COM	4	4	3

**COURSE OUTCOME**

After studying this course, the students shall be able to,

CO 1: Understand the nature of contracts and the essential elements of a valid contract  
CO 2: Explain the difference between a valid contract and a void contract

CO 3: Understand the breach of contract and remedies available for a breach of contract  
CO 4: Understand various kinds of special contracts like indemnity, guarantee, bailment and agency contract

**COMPLEMENTARY COURSE III: BUSINESS ECONOMICS**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
III	3C03 COM	5	4	3

**COURSE OUTCOME**

After studying this course, students shall be able to;

CO 1: Understand the concept of economics and its use in business

CO 2: Understand the concept of demand, elasticity and demand forecasting  
CO 3: Understand production function and law of production

CO 4: Understand the methods of determining price of a product  
CO 5: Explain the methods of computing national income.

CO 6: Conceive the developmental issues of Indian economy and Kerala economy

**COMPLEMENTARY COURSE IV: CORPORATE LAW AND BUSINESS REGULATIONS**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
IV	4C04 COM	4	4	3

### **COURSE OUTCOME**

After studying this course, students should be able to;

CO 1: Understand the provisions of Companies Act 2013

CO2: Describe the procedure for the formation, registration and winding up of the company

CO 3: Explain various kinds of companies and the authorities of companies in India CO 4:

Understand the management and administration of Companies

(10 Hrs)

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### **GENERIC ELECTIVE COURSE I: BASIC ACCOUNTING**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>V</b>	<b>5D01 COM</b>	<b>2</b>	<b>2</b>	<b>2</b>

### **COURSE OUTCOME**

After studying the course, students shall be able to;

CO 1: describe the basic accounting concepts

CO 2: record the business transactions in the proper books of accounts CO 3: prepare financial statements of a sole trading concern

### **GENERIC ELECTIVE COURSE II: E-COMMERCE**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>V</b>	<b>5D02 COM</b>	<b>2</b>	<b>2</b>	<b>2</b>

### **COURSE OUTCOME**

After studying this course, the students shall be able to;

CO 1: understand the concept of E commerce and its framework. CO2: understand the concept of web commerce

CO 3: Acquire knowledge regarding cyber laws

**GENERIC ELECTIVE COURSE III: PRINCIPLES OF MANAGEMENT**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>V</b>	<b>5D03 COM</b>	<b>2</b>	<b>2</b>	<b>2</b>

**COURSE OUTCOME**

After studying the course, the students shall be able to;

CO 1: understand the basic concept of management CO2: describe the functions of management

**GENERIC ELECTIVE COURSE IV: INSURANCE AND RISK MANAGEMENT**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>V</b>	<b>5D04 COM</b>	<b>2</b>	<b>2</b>	<b>2</b>

**COURSE OUTCOME**

After studying the course, the students shall be able to;

CO 1: explain the concept of insurance, its regulations and types CO 2: understand the concept insurance risk and its management

**GENERIC ELECTIVE COURSE V: FINANCIAL SERVICES**

<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>HOURS PER WEEK</b>	<b>CREDIT</b>	<b>EXAM HRS</b>
<b>V</b>	<b>5D05 COM</b>	<b>2</b>	<b>2</b>	<b>2</b>

**COURSE OUTCOME**

After studying this course, the students shall be able to;

CO 1: Explain financial system and its constituents

CO 2: identify the different financial services provided by financial institutions CO 3: develop a basic understanding of stock broking

## **M.Com Programme**

### **PROGRAMME OUTCOME**

The objective of M.com (Finance) course is to impart deep knowledge and professional skill in various aspects of business and its environment and provide them with opportunities to develop analytical skills in order to meet the challenges to business at the national and global level.

- 1) The course aims to sharpen skills in finance and enables to examine financial decisions critically based on strong financial literacy.
- 2) Developing skills to do a thorough analysis of financial statements and use them as basis for financial decisions making.
- 3) An understanding about how the financial market work in practice and the precautions to be taken before investing.
- 4) Developing key foundations of finance, the understanding of the requirement of return with risk, valuation of various asset classes, projects etc.

### **COURSE OUTCOMES**

#### **BUSINESS ENVIRONMENT AND POLICY**

- 1) To give the students an exposure to environmental dynamics of contemporary business
- 2) To develop the skill of decision making by analyzing the business environment and opportunities.

#### **QUANTITATIVE TECHNIQUES AND OPERATION RESEARCH**

- 1) To make the students understand some of the basics of quantitative techniques
- 2) To equip the students to apply operation research techniques for decision making.

#### **MANAGEMENT INFORMATION SYSTEM**

- 1) To provide a basis understanding of the concept of Management Information System,
- 2) Its application in managerial decision making and
- 3) The process of development and maintenance of information system in an organization.

## **ORGANISATIONAL BEHAVIOUR**

- 1) To understand the conceptual framework of management and organizational behaviour.
- 2) To understand the applicability of the concept.

## **ACCOUNTING FOR BUSINESS DECISIONS**

- 1) To acquaint the students with the tools and techniques for business decisions.

## **STRATEGIC MANAGEMENT**

- 1) To give the students an awareness about the importance of strategic management in modern organizations.
- 2) To give the students an in-depth knowledge in Strategic management process.
- 3) To develop among the students the skill of managing organizations in the new age.

## **RESEARCH METHODOLOGY & COMPUTER APPLICATION**

- 1) To make the students understand the steps in the process of Social Research.
- 2) To equip the students to apply statistical tools for hypothesis test and decision making.

## **COSTING FOR MANAGEMENT DECISIONS**

- 1) To understand the concept and importance of cost accounting.
- 2) To understand the application of cost accounting tools for generating information for managerial Decision making.

## **ADVANCED BUSINESS ACCOUNTING**

- 1) To understand new accounting concepts.
- 2) Expose the students to advanced accounting issues and practices.

## **FINANCIAL MANAGEMENT**

- 1) Understand the conceptual framework of Financial Management
- 2) To equip the students with knowledge about the Financing, Dividend and Liquidity areas of financial decision making in business organizations.

## **MARKETING MANAGEMENT**

- 1) To acquaint the students with the marketing principles and practice.
- 2) To understand the process of modern marketing.

## **CORPORATE ACCOUNTING**

- 1) To familiarize the student knowledge about the Corporate Accounting System.

## **INCOME TAX LAW AND PRACTICE**

1) To provide the students an in-depth knowledge of the basic concepts of Income Tax and the provisions relating to the computation of Total income and tax liability of an individual assessee.

### **HUMAN RESOURCE MANAGEMENT**

- 1) To familiarize the students with the human resource management processes.
- 2) To sensitize them to the training process and techniques, and
- 3) To provide them with appropriate knowledge and skills required for selecting, developing and managing human resources.

### **SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT**

- 1) To acquire knowledge of securities markets and its theoretical foundations.
- 2) To help the students to equip the trading of securities.

### **INTERNATIONAL FINANCIAL MANAGEMENT**

1) To introduce the basic concepts and tools of International Financial Management. 2) To provide them appropriate knowledge about foreign investment and financing decisions.

### **FINANCIAL MARKETS AND SERVICES**

- 1) To understand the structure, organization and working of financial markets and institution in India.
- 2) To understand the various financial services available.

### **CORPORATE TAX PLANNING AND MANAGEMENT**

- 1) To acquaint the students with the method of computing total income and tax liability of different types of persons (excluding individuals and HUFs),
- 2) To understand the concepts of tax planning and management; and the tax implications of various managerial decisions.



## **KANNUR UNIVERSITY PROGRAMME OUTCOMES (PO) DEGREE IN B.SC ELECTRONICS**

### **PO 1.Critical Thinking:**

Acquire the ability to apply the basic tenets of logic and science to thoughts, actions and interventions.

Develop the ability to chart out a progressive direction for actions and interventions by learning to recognize the presence of hegemonic ideology within certain dominant notions.

1.3 Develop self-critical abilities and also the ability to view positions, problems and social issues from plural perspectives.

### **PO 2.Effective Citizenship:**

Learn to participate in nation building by adhering to the principles of sovereignty of the nation, socialism, secularism, democracy and the values that guide a republic.

Develop and practice gender sensitive attitudes, environmental awareness, empathetic social awareness about various kinds of marginalisation and the ability to understand and resist various kinds of discriminations.

Internalise certain highlights of the nation's and region's history. Especially of the freedom movement, the renaissance within native societies and the project of modernisation of the post-colonial society.

### **PO 3.Effective Communication:**

Acquire the ability to speak, write, read and listen clearly in person and through electronic media in both English and in one Modern Indian Language

Learn to articulate, analyse, synthesise, and evaluate ideas and situations in a well-informed manner.

Generate hypotheses and articulate assent or dissent by employing both reason and creative thinking.

### **PO 4.Interdisciplinarity:**

Perceive knowledge as an organic, comprehensive, interrelated and integrated faculty of the human mind.

Understand the issues of environmental contexts and sustainable development as a basic interdisciplinary concern of all disciplines.

Develop aesthetic, social, humanistic and artistic sensibilities for problem solving and evolving a comprehensive perspective.

## Kannur University

### Programme Specific Outcome of B.Sc Electronics Programme

After the completion of this programme, the students should be able to:

PSO 1: Design Electronic Circuits PS

PSO 2: Analyze Electronic circuits

PSO3: Construct Assembly Language Programmes

PSO4: Develop High level language programmes PSO5: Design Embedded systems

PSO6: Understand the basics of communication systems

#### CORE COURSE I : 1B01ELE Basic Electronics

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
1	1B01ELE	2	2	3

#### COURSE OUTCOME

CO 1: Identify basic elements of electronic circuits

CO2: Analyze the resistive network

CO3: Apply Network Theorems to resistive networks

CO4: Design regulated diode rectifiers and RC filters

#### CORE COURSE II : 2B02ELE Electronic Devices and Circuits

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
2	2B02ELE	2	2	3

**COURSE OUTCOME**

CO 1: Understand working of BJT, FET and Thyristors

CO2: Analyze Bipolar Junction Transistor circuits

CO3: Design single stage BJT amplifier

**CORE COURSE III : 3B03ELE Analog Circuits and Systems**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
III	3B03ELE	3	3	3

**COURSE OUTCOME**

CO1: Understand working of power amplifier

CO2: Design of oscillator circuit

CO3: Analyze small Operational Amplifier based circuits

**CORE COURSE IV :4B04ELE: Principles of Digital Electronics**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
IV	4B04ELE	3	3	3

**COURSE OUTCOME**

CO 1: Understand different number systems

CO 2: Construct logic circuits using logic gates

CO 3: Simplify logical expressions

CO 4: Analyze various combinational and sequential circuits

CORE COURSE V : 4B01ELE-P Practical-1 (Electronic Circuits Lab)

Practice

- Familiarization of components/Tools

Resistor, Capacitor, Inductor, Diode, Transistor, Cables, Connectors, Transformer, Switches, Fuses, Relays, Batteries) - Identification based on visual inspection/Datasheet/specification/Notation

- Familiarization of multimeters (Analog and Digital) –

a. Measurement of AC/DC voltage, Current, Resistance – on different ranges

b. Measurement of Variation of Resistance of LDR, Potentiometer

c. Continuity checking

d. Testing of Diodes & Transistors

- Familiarization of Signal Generator/CRO

a. Measurement of amplitude and frequency of Sine/Square waveform

b. Measurement of AC/DC Voltages

- Soldering practice - Simple circuits

- Verification of network theorems: KCL , KVL,

- RC Circuits: Time constant

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CORE COURSE VI :5B05ELE: Electromagnetics

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
V	5B05ELE	3	4	3

COURSE OUTCOME

CO 1 : Understand the theorems and laws in Electrostatics, Magnetostatics andElectrodynamics

CO 2: Analyze Electrostatic and Magnetostatic problems

CO 3: Understand Maxwell's equations

CO 4 : Interpret the characteristics of electromagnetic waves

**CORE COURSE VII : 5B06ELE: Electronic Communication**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
V	5B06ELE	3	3	3

**COURSE OUTCOME**

CO 1: Distinguish between Analog and Digital Communications

CO 2: Understand various noise sources in communication

CO 3: Analyze various Modulation and demodulation techniques

CO 4: Understand digital modulation techniques

**CORE COURSE VIII : 5B07ELE: Microprocessor and Microcontroller**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
V	5B07ELE	3	3	3

**COURSE OUTCOME**

CO 1: Understand the architecture of 8085 microprocessor

CO 2: Understand the architecture of 8051 microcontroller

CO 3: Construct Assembly Language programmes for 8051 Microcontroller

CO 4: Design 8051 microcontroller based systems

**CORE COURSE IX : 5B08ELE: Applications of Linear ICs**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
V	5B08ELE	3	3	3

COURSE OUTCOME

CO 1: Understand the functions and characteristics of various Analog ICs and their applications.

CO2: Design of op amp based circuits

CO3: Design various multivibrators

CO4: Understand operation of voltage regulators, ADC and DAC

CORE COURSE X : 5B09ELE-E01 Problem solving using Programming Language

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
V	5B09ELE -E01	3	3	3

COURSE OUTCOME

CO 1: Understand the fundamentals of C programming.

CO2: Choose the loops and decision making statements to solve the problem.

CO3: Implement different Operations on arrays

CO4: Use functions to solve the given problem

CO5: Understand pointers, structures and unions

CORE COURSE XI : 5B09ELE-E02 Electronic Instrumentation

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
V	5B09ELE -E02	3	3	3

COURSE OUTCOME

CO 1: Understand the operation of basic measurement instruments

CO2: Understand the operation of signal generators

CO3: Understand various electronic displays

CO4: Understand various transducers

ORE COURSE XII : 5B09ELE-E03 Advanced Digital System Design

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
V	5B09ELE -E03	3	3	3

COURSE OUTCOME

CO 1: Understand the concepts of digital system design

CO2: Design sequential circuit

CO3: Understand programmable logic design

CORE COURSE XIII : 6B10ELE Project

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
VI	6B10ELE	5	5	3

The project should not be a mere reproduction of existing product or designs available in online resources and books. The project should have clear relevance in Electronics. Aim of this course is to expose students to the various phases of product development in industry. Hence internal guides must lead them systematically through various phases of a product development such as proposing a new project after rigorous discussions with industry and society, block level design phase, circuit and program level implementations, debugging, fabrication and prototyping and finally recording the methodology and findings. At the end of this project each student must be able to individually explain all technical details involved in the project such as design of circuits, programmes if any etc.

In house projects under faculty members and projects done at a company with registration is only accepted. If the students are doing projects in any registered company, a certificate on company letterhead must be included in the project report. The certificate should include the title of the project, Name of students, signature and designation of the external guide and company registration details. The project should not be carried out in pseudo companies.

CORE COURSE XIV : 6B11ELE Mathematical methods and Digital Signal Processing

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
VI	6B11ELE	3	4	3

COURSE OUTCOME

After the completion of this course, students should be able to:

1. Understand the frequency domain analysis of discrete time signals
2. Calculate Z-transforms for discrete time signals
3. Calculate frequency domain of signals using Discrete Fourier Transform.
4. Develop Fast Fourier Transform (FFT) algorithms for faster realization of signals and systems

CORE COURSE XV: 6B12ELE Fiber Optics and Optical Communication

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
VI	6B12ELE	3	3	3

COURSE OUTCOME

After the completion of this course, students should be able to:

CO 1: Familiarize with the fundamentals of light transmission through fiber

CO 2: Understand how signal degrades inside the fiber due to physical effects

CO 3: Understand the operation of optical sources and detectors

CO 4: Understand a basic optical communication system

CORE COURSE XVI : 6B13ELE Embedded System Basics

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
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6	6B13ELE	3	3	3
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**COURSE OUTCOME**

After the completion of this course, students should be able to:

1. Understand architecture of PIC16F877 Processor
2. Design small embedded systems using PIC16F877 Microcontroller
3. Develop embedded programme using embedded C
4. Understand architecture of ARM Processor

**CORE COURSE XVII : 6B14ELE-E01 Power Electronics**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
VI	6B14ELE –E01	3	3	3

**COURSE OUTCOME**

CO 1: Understand electronic components in Power electronics

CO2: Understand common circuits used in power electronics

CO3: Understand safety measures to be implemented in power electronics systems

**CORE COURSE XVIII : 6B14ELE-E02 Principles of VLSI**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
VI	6B14ELE-E02	3	3	3

**COURSE OUTCOME**

CO 1: Understand thick film technology and design ideas

CO2: Understand thin film technology and monolithic IC process

CO3: Understand modern VLSI devices

**CORE COURSE XIX : 6B14ELE-E03 Microwaves and Radar**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
VI	6B14ELE-E03	3	3	3

**COURSE OUTCOME**

CO 1: Understand transmission lines used in communication

CO2: Apply wave guide theory

CO3: Understand operation of microwave amplifiers and oscillators

CO4: Understand operations of microwave solid state components CO5: Understand operation of various microwave radars

<u>CORE COURSE XX : 6B02ELE- P Practical 2 (Microcontroller and Embedded System Lab)</u> SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
VI	6B02ELE-P	4	4	3

**CORE COURSE XXI : 6B03ELE-P Practical 3 (LIC and Communication Lab)**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
VI	6B03ELE-P	4	4	3

**COMPLEMENTARY ELECTIVE COURSE I: BASIC ELECTRONICS**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
I	1C01ELE	2	2	3

### COURSE OUTCOME

CO 1: Understand basic components in Electronics

CO2: Understand the operation of PN Junction diodes and rectifiers

CO3: Understand active components BJT, FET AND MOSFET

CO4: Understand operation of RC Coupled Amplifiers and Operational amplifier

### COMPLEMENTARY ELECTIVE COURSE II: DIGITAL ELECTRONICS

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
II	2C02ELE	2	2	3

### COURSE OUTCOME

CO 1: Understand number systems, logic gates, flip flops etc

CO2: Understand Combinational circuits and sequential circuits

CO3: Understand the operation of Analog to digital and Digital to analog converters

### COMPLEMENTARY ELECTIVE COURSE III: COMMUNICATION SYSTEMS

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
III	3C03ELE	3	2	3

### COURSE OUTCOME

CO 1: To understand the concept of modulation in communication

CO2: Understand and apply AM & FM modulation

CO3: Understand AM transmitter and receiver

CO4: Understand Pulse communication and digital modulation schemes

**COMPLEMENTARY ELECTIVE COURSE IV: MICROPROCESSOR & MICROCONTROLLER**

SEMESTER	COURSE CODE	HOURS	CREDIT	EXAM
		PER WEEK		HRS
IV	4C04ELE	3	2	3

**COURSE OUTCOME**

CO 1: To understand the architecture of 8085 microprocessor  
CO2: Develop assembly language programmes

CO3: Understand operation of Programmable peripheral chips  
CO4: Understand 8051 architecture

**COMPLEMENTARY ELECTIVE COURSE V: 4C04ELE-P ELECTRONICS LAB**

PRACTICE

- FAMILIARIZATION OF COMPONENTS/TOOLS  
(RESISTOR, CAPACITOR, INDUCTOR, DIODE, TRANSISTOR, CABLES, CONNECTORS, TRANSFORMER, SWITCHES, FUSES, RELAYS, BATTERIES) - IDENTIFICATION BASED ON VISUAL INSPECTION/DATASHEET/SPECIFICATION/NOTATION
- STUDY OF MULTIMETERS (ANALOG AND DIGITAL) –
  - A. MEASUREMENT OF AC/DC VOLTAGE, CURRENT, RESISTANCE – ON DIFFERENT RANGES
  - B. MEASUREMENT OF VARIATION OF RESISTANCE OF LDR, POTENTIOMETER
  - C. CONTINUITY CHECKING
  - D. TESTING OF DIODES & TRANSISTORS
- STUDY OF SIGNAL GENERATOR/CRO
  - A. MEASUREMENT OF AMPLITUDE AND FREQUENCY OF SINE/SQUARE WAVEFORM
  - B. MEASUREMENT OF AC/DC VOLTAGES
- SOLDERING PRACTICE - SIMPLE CIRCUITS

**GENERIC ELECTIVE COURSE I: 5D01ELE Biomedical Instruments in Daily life**

SEMESTER	COURSE CODE	HOURS	CREDIT	EXAM
		PER WEEK		HRS
V	5D01ELE	2	2	2

**COURSE OUTCOME**

CO 1: Understand the cell structure and bio electric signals

CO2: Understand the operation of ECG Machine, Pacemaker and Defibrillator

CO3: Understand the operation of imaging equipments, EEG, ventilator, Blood PH and blood sugar measuring equipments

CO4: Understand the patient safety in biomedical instrumentation

**GENERIC ELECTIVE COURSE II : 5D02ELE: Computer Hardware**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
V	5D02ELE	2	2	2

**COURSE OUTCOME**

CO 1: Understand the functions of various parts of a Computer

CO 2: Understand various memory types

CO 3: Understand different types of Printers and Storage Units

**GENERIC ELECTIVE COURSE III: 5D03ELE: Consumer Electronics**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
V	5D03ELE	2	2	2

**COURSE OUTCOME**

CO 1: Understand the operations of Audio systems

CO2: Understand the operations of TV and Projector

CO3: Understand mobile telephony

CO4: Understand the operation of office equipments and domestic appliances

**GENERIC ELECTIVE COURSE IV: 5D04ELE Basic Electronics**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
V	5D04ELE	2	2	2

**COURSE OUTCOME**

CO 1: Understand the basic concepts in electricity

CO2: Understand various battery types

CO3: Understand concepts in DC and AC circuits

**GENERIC ELECTIVE COURSE V: 5D05ELE 3D Printing**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
V	5D05ELE	2	2	2

**COURSE OUTCOME**

CO 1: Understand the basics of 3D printing

CO2: Understand different forms of 3D printing

CO3: Understand Applications of 3D printing

CO4: Familiarize 3D printing resources

**PART D:**

**GENERAL AWARENESS COURSE I: Numerical Techniques**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
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3	3A11ELE	4	4	3
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**COURSE OUTCOME**

CO 1: Apply iteration methods

CO2: Apply interpolation and curve fitting

CO3: Apply Numerical integrtion

CO4: Solve differential equations using initial value theorems

**GENERAL AWARENESS COURSE II: Applied Electricity**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
3	3A12ELE	4	4	3

**COURSE OUTCOME**

CO1: Understand basics of Electrical circuit

CO2: Solve AC circuits

CO3: Understand the working principle of DC machine

CO4: Understand the working of transformer

**GENERAL AWARENESS COURSE III: Control Systems**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
4	4A13ELE	4	4	3

**COURSE OUTCOME**

CO 1: Understand the modeling of systems

CO2: Analyze time response of feed back systems

CO3: Understand stability analysis and frequency domain analysis

**GENERAL AWARENESS COURSE IV: Computer Organization and Architecture**

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
4	4A14ELE	4	4	3

COURSE OUTCOME

CO 1: Understand functional components of a computer

CO2: Understand representation of instructions

CO3: Understand processing unit, memory and parallel processing

CO4: Understand input output subsystem