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NIRMALA

ARTS & SCIENCE COLLEGE

MULANTHURUTHY

Affiliated to MG University, Kottayam

PO, PSO & CO



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**NIRMALA ARTS & SCIENCE COLLEGE,
MULANTHURUTHY**

(Affiliated to MG University, Kottayam)

**POST GRADUATE DEPARTMENT OF
COMMERCE**

OUTCOME BASED EDUCATION

PROGRAMME OUTCOME, PROGRAMME SPECIFIC OUTCOME,
COURSE OUTCOMES

Programme Outcomes

PO No.	<i>Expected Programme Outcomes</i> <i>Upon completion of B.Com, the students will be able to:</i>	Cognitive Level
1	Demonstrate (i) a systematic understanding of the academic field of commerce, its different learning areas and applications, and its linkages with related disciplinary areas(ii) procedural knowledge that creates different types of professionals in the field of commerce and related fields (iii) skills related to specialisation areas within commerce and related disciplinary areas.	Ap
2	Demonstrate the ability to identify and apply appropriate business and management principles and methodologies to solve a wide range of problems associated with commerce and industry	U
3	Demonstrate skills that are useful in both professional and personal contexts, which include problem-solving, communication, accounting, statistical, information and communication technology, and leadership.	Ap
4	Demonstrate empowerment with the knowledge and confidence to establish own enterprises while adhering to ethical business practices.	U
5	Demonstrate an attitude of being objective, unbiased, and ethical at work, as well as awareness of environmental issues.	U

Programme Specific Outcomes

PSO No.	<i>Expected Programme Specific Outcomes</i> <i>Upon completion of B.Com Tax, the students will be able to:</i>	Cognitive Level	PO
1	Describe the underlying principle in accounting, management and business subjects	Ap	3
2	Prepare for a variety of career options in taxation accounting.	Ap	3
3	Develop critical thinking skills and ethical behaviour in conducting business.	U	5
4	Prepare to enter Masters programmes and pursue professional programmes in the field of commerce and management	Ap	1
5	Practice the basic skills for the effective utilisation of funds	Ap	3
6	Develop entrepreneurial skills	U	4

SEMESTER 1

Course Code	CO1CRT01
Title of the Course	DIMENSIONS AND METHODOLOGY OF BUSINESS STUDIES
Type	Core Course
Credits	2
Hours	3 per week and Total 54

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Identify the dimensions of Business Studies	Understand	4,6
2	Associate business and its role in society	Understand	3,6
3	Explain Business ethics and CSR	Understand	3,6
4	Illustrate technological integration in business	Understand	6
5	Articulate the fundamentals of business research	Apply	3

Course Code	CO1CRT02
Title of the Course	FINANCIAL ACCOUNTING– I
Type	Core Course
Credits	4
Hours	5 per week and Total 90

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Employ the skill of preparing accounts and financial statements of various types of business units other than corporate undertakings	Apply	1,5
2	Compute financial reports from incomplete accounts	Apply	1,5
3	Develop skills in preparing royalty accounts	Apply	1
4	Explain the preparation of consignment accounts	Apply	1
5	Practice the procedure involved in the farm accounts.	Apply	1

Course Code	CO1CRT03
Title of the Course	CORPORATE REGULATIONS AND ADMINISTRATION
Type	Core Course
Credits	3
Hours	4 per week and Total 72

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Illustrate the management and administration of joint stock companies in India as per Companies Act, 2013	Understand	4,6
2	Discuss the administration of joint stock companies in India	Understand	3,6
3	Generalize the implications of business laws in India with special focus to Companies Act, 2013	Understand	3
4	Interpret the rights and duties of shareholders, members and types of meetings in the companies.	Understand	3
5	Judge the regulation regarding formation of a company	Understand	3,6

Course Code	CO1CMT01
Title of the Course	BANKING AND INSURANCE
Type	Complementary Course
Credits	3
Hours	3 per week and Total 54

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Extend the basic concepts and practice of banking and the principles of Insurance	Understand	4
2	Relate with changing scenario of Indian banking and insurance Sector	Understand	1
3	Judge the fundamental principles of banking and insurance	Understand	1
4	Develop a professional base in the fields of banking and insurance, thus making it easier to secure jobs in these sectors	Apply	1,4

SEMESTER 2

Course Code	CO1CRT04
Title of the Course	FINANCIAL ACCOUNTING– II
Type	Core Course
Credits	4
Hours	5 per week and Total 90

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	To equip the students with the skill of preparing accounts and financial statements of various types of business units other than corporate undertakings.	Apply	1
2	To enable students to account for dissolution of partnership firms	Apply	1,3
3	To enable the students with the preparation of financial accounts with advanced techniques	Apply	1
4	To familiarize the application of important accounting standards	Apply	1

Course Code	CO2CRT05
Title of the Course	BUSINESS REGULATORY FRAMEWORK
Type	Core Course
Credits	3
Hours	4 per week and Total 72

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	The course is intended to familiarize the students with the legal framework influencing business decisions.	Apply	1
2	To make an understanding among students about principle agency relationship in business	Understand	3
3	To equip the students with practical implication of sale of goods act, 1930	Apply	6
4	To understand and appreciate the essential element of valid contract and decide on the issues connected with performance and discharge of contract	Understand	1

Course Code	CO2CRT06
Title of the Course	BUSINESS MANAGEMENT
Type	Core Course
Credits	3
Hours	3 per week and Total 54

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Recall principles of management	Remember	1
2	Explain the corporate strategic planning techniques and organization structure	Understand	3
3	To enable Identify types of leadership and management techniques	Remember	3

Course Code	CO2CMT02
Title of the Course	PRINCIPLES OF BUSINESS DECISIONS
Type	Complementary Course
Credits	3
Hours	3 per week and Total 54

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	To familiarise the students with the economic concepts and principles underlying business decision making	Apply	1
2	To make student understand the demand and supply analysis in business applications	Apply	1
3	To familiarise students with the production and cost structure	Analyse	5
4	To understand the pricing and output decisions under various market structure.	Analyse	1

SEMESTER 3

Course Code	CO3CRT07
Title of the Course	CORPORATE ACCOUNTS - I
Type	Core Course
Credits	4
Hours	4 per week and Total 72

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Write the journal entries for share issue, forfeiture, buyback, right issue and bonus issue	Apply	1
2	Determine the liability of different types of underwriter	Apply	1
3	Prepare the financial statements of joint stock of company as per companies act 2013	Apply	1
4	Prepare the ledgers of investment	Apply	1
5	Compute the amount insurance claims	Apply	1

Course Code	CO3CRT08
Title of the Course	QUANTITATIVE TECHNIQUES FOR BUSINESS - I
Type	Core Course
Credits	4
Hours	4 per week and Total 72

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Explain the features and methods of statistics	Understand	1
2	Apply the appropriate sampling survey method and collect data	Apply	3
3	To enable Apply the appropriate statistical tool for the specific issues of the business firms and to calculate an appropriate measure of central tendency.	Apply	3
4	Calculate an appropriate measure of dispersion and to interpolate and extrapolate a value from a series and use it for forecasting.	Apply	3

Course Code	CO3CRT09
Title of the Course	FINANCIAL MARKETS AND OPERATIONS
Type	Core Course
Credits	4
Hours	4 per week and Total 72

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	The course is intended to familiarize the students with financial market operations in India.	Apply	6
2	To familiarize the student about the financial markets laws rules and in India.	Apply	4
3	To understand the technical explanation about the financial market operations.	Apply	6
4	Equip the students to get a job in securities trading firms and other market related institutions.	Apply	4

Course Code	CO3CRT10
Title of the Course	MARKETING MANAGEMENT
Type	Core Course
Credits	3
Hours	3 per week and Total 54

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	The objective of this course is to provide a sound understanding of the basic principles of marketing management and their applications in the business and industry.	Apply	1
2	Students are equipped to identify the different marketing strategies used by the business firms.	Understand	3
3	Understand the pricing strategies adopted in the marketing process	Apply	3
4	Make the students to be suitable for profession in Marketing field.	Apply	6,4

Course Code	CO3OCT01
Title of the Course	GOODS AND SERVICES TAX
Type	Optional Course
Credits	4
Hours	5 per week and Total 90

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	To give the students a general understanding of the GST law in the country with a practical perspective and employability to the students in the commercial tax practices.	Understand	2,6
2	Familiarizing the concepts of Goods and service Tax and its technical terms	Understand	2,3
3	Students are able to understand the calculation in the goods and service tax	Understand	2
4	A positive mind can be developed among the students on GST.	Understand	2

SEMESTER 4

Course Code	CO3CRT11
Title of the Course	CORPORATE ACCOUNTS – II
Type	Core Course
Credits	4
Hours	5 per week and Total 90

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Prepare the final accounts of insurance companies	Apply	1,6
2	Prepare the final accounts of banking companies	Apply	1,6
3	Develop the statements for internal construction	Apply	1
4	Write the journal for amalgamation absorption and external reconstruction	Apply	1
5	Prepare the liquidator's final statement of accounts	Apply	1

Course Code	CO3CRT12
Title of the Course	QUANTITATIVE TECHNIQUES FOR BUSINESS- II
Type	Core Course
Credits	4
Hours	5 per week and Total 90

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	To equip the students with the preparation of financial statements of insurance companies	Understand	1
2	Familiarizes the students on the different accounting procedures and Provisions of Banking companies,	Apply	1
3	Students are developed to handle different financial issues related to the companies in an effective way as per companies Act 2013.	Apply	3
4	Students are equipped to get job in financial organization.	Apply	4,6

Course Code	CO3CRT13
Title of the Course	ENTREPRENEURSHIP DEVELOPMENT AND PROJECT MANAGEMENT
Type	Core Course
Credits	4
Hours	5 per week and Total 90

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	To develop entrepreneurial spirit among students	Apply	6
2	To empower students with sufficient knowledge to start up their venture with confidence	Apply	6
3	To mould young minds to take up challenges and become employer than seeking employment and to make them aware of the opportunities and support for entrepreneurship in India.	Apply	6
4	Learn how to start an enterprise & design business plan those are suitable for funding by considering all dimensions of business	Apply	4,6
5	Develop idea generation ,creative & innovative skills	Understand	3,6
6	To aware of different opportunities & successful growth stories & Able to start & manage own business	Apply	6

Course Code	CO4OCT01
Title of the Course	FINANCIAL SERVICES
Type	Optional Course
Credits	4
Hours	5 per week and Total 90

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	To provide the students with an overall idea of financial services available in the country and to create an understanding about recent trends in financial services sector.	Understand	4
2	Students are able to understand the financial dealing of the market in a formal way	Understand	5
3	Developed the courage to handle different financial instruments.	Understand	3
4	Students are able to identify the need of financial support of the institutions and make it avail.	Apply	3

SEMESTER 5

Course Code	CO3CRT14
Title of the Course	COST ACCOUNTING- I
Type	Core Course
Credits	4
Hours	6 per week and Total 108

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	To familiarise the students with cost concepts	Understand	1,5
2	To make the students learn the Fundamentals of cost accounting as a separate system of accounting.	Apply	1,5
3	To enable them to understand the differences in accounting principles and its application	Apply	1
4	To develop problem analysis skills and knowledge and applying the same in real life situation.	Apply	6

Course Code	CO3CRT15
Title of the Course	ENVIRONMENT MANAGEMENT AND HUMAN RIGHTS
Type	Core Course
Credits	4
Hours	5 per week and Total 90

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Describe Multidisciplinary nature of environmental studies, Natural resources, eco-systems, pollution, issues, and human rights	Remember	3
2	Explain about the consequences of pollution and possible solutions to avoid pollution	Understand	3
3	To enable Explain recent development in the commerce and management related to environment and social issues related with environment.	Understand	4
4	Enable Describe human rights related with environment and Right to Information Act.	Remember	4

Course Code	CO5CMT07
Title of the Course	E-COMMERCE
Type	Complementary Course
Credits	4
Hours	5 per week and Total 90

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Analyse the impact of E commence on business models and strategise	Understand	3
2	Describe the major types of Ecommerce	Understand	1
3	Process of building an e Commerce presence	Understand	6
4	Identify key securities threats in Ecommerce	Understand	3
5	Describe how procurement and supply chain relate to B2B Ecommerce	Understand	3

Course Code	CO5OCT01
Title of the Course	INCOME TAX- I
Type	OptionalCourse
Credits	4
Hours	5 per week and Total 90

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Discuss the basic concepts of Income tax Act 1961	Understand	1,2
2	Compute the Residential status of individuals	Apply	2
3	Calculate the income from Salary	Apply	1,2
4	Determine the income from House property	Apply	1,2
5	Compute the income from business or profession	Apply	1,2

SEMESTER 6

Course Code	CO3CRT17
Title of the Course	COST ACCOUNTING- II
Type	Core Course
Credits	4
Hours	6 per week and Total 108

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	To acquaint the students with different methods and techniques of costing	Understand	1
2	To enable the students to identify the methods and techniques applicable for different types of industries	Apply	3
3	High-level knowledge about costing principles	Apply	1
4	To apply the marginal costing principles in decision making situations of businesses.	Apply	1

Course Code	CO3CRT18
Title of the Course	ADVERTISEMENT AND SALES MANAGEMENT
Type	Core Course
Credits	4
Hours	4 per week and Total 72

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Identify misleading and false advertisements.	Remember	3
2	Enumerate about ad agencies and regulations of advertisement in India.	Understand	3
3	To enableDevelop personal selling skills	Apply	6

Course Code	CO6CMT09
Title of the Course	INCOME TAX – ASSESSMENT AND PLANNING
Type	Complementary Course
Credits	4
Hours	5 per week and Total 90

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Understand the provisions relating to the assessment of income of partnership Firms	Apply	1,2
2	Understand the provisions relating to the assessment of income of Cooperative societies	Apply	1,2
3	To analyse the provisions relating to the assessment of income of HUF & Company.	Apply	1,2
4	To make the students aware on the fundamental concepts of tax planning	Apply	1,2

Course Code	CO6CRT20
Title of the Course	MANAGEMENT ACCOUNTING
Type	Core Course
Credits	4
Hours	5 per week and Total 90

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	To acquaint the students with management account techniques for the analysis and interpretation of financial statements and to study the basic framework of financial reporting	Evaluate	1,3
2	Explain the three primary purposes of management accounting namely, inventory valuation, decision support and cost control.	Analyse	5
3	Develop and apply fund flow and cash flow statement for planning and controlling purposes.	Apply	5
4	Apply and analyse the overall performance of an organisation with the help of ratios	Apply	3,5

Course Code	CO6OCT01
Title of the Course	INCOME TAX -II
Type	Optional Course
Credits	4
Hours	5 per week and Total 90

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	To provide understanding on the determination of Total Income and tax payable and to get an overview regarding returns to be led by an individual and also assessment procedure	Apply	2
2	To make the students aware of assessment procedure.	Apply	2
3	To familiarise students with procedure of preparation and submission of various types of returns.	Apply	2,4
4	To familiarise students with e- ling and ITR forms.	Apply	2,4

NIRMALA ARTS AND SCIENCE COLLEGE MULANTHURUTHY

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CURRICULAM FOR BACHELOR'S PROGRAMME IN COMMERCE MODEL II COMPUTER APPLICATION

**CBCS
2017 ADMISSION ONWARDS**

Programme Outcomes

PO No.	<i>Expected Programme Outcomes</i> <i>Upon completion of B.Com, the students will be able to:</i>	Cognitive Level
1	Demonstrate (i) a systematic understanding of the academic field of commerce, its different learning areas and applications, and its linkages with related disciplinary areas(ii) procedural knowledge that creates different types of professionals in the field of commerce and related fields (iii) skills related to specialisation areas within commerce and related disciplinary areas.	Ap
2	Demonstrate the ability to identify and apply appropriate business and management principles and methodologies to solve a wide range of problems associated with commerce and industry	Ap
3	Demonstrate skills that are useful in both professional and personal contexts, which include problem-solving, communication, accounting, statistical, information and communication technology, and leadership.	Ap
4	Demonstrate empowerment with the knowledge and confidence to establish own enterprises while adhering to ethical business practices.	U
5	Demonstrate an attitude of being objective, unbiased, and ethical at work, as well as awareness of environmental issues.	U

Programme Specific Outcomes

PSO No.	<i>Expected Programme Specific Outcomes</i> <i>Upon completion of B.Com CA, the students will be able to:</i>	Cognitive Level	PO
1	Discuss the application of business and Accounting Knowledge in both theoretical and practical aspects	Ap	3
2	Extend the knowledge in the conduct of online business transaction	U	3
3	Prepare to enter Masters programmes and pursue professional programmes in the field of commerce and management	Ap	1
4	Develop a basic level of knowledge in computer software and languages	U	3
5	Analyse the scope of the business by adopting modern technology in the business practice	Ap	4
6	Create entrepreneurial skills to initiate start ups	U	4

SEMESTER 1

Course Code	CO1CRT01
Title of the Course	DIMENSIONS AND METHODOLOGY OF BUSINESS STUDIES
Type	Core Course
Credits	2
Hours	3 per week and Total 54

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Identify the dimensions of Business Studies	Understand	3,6
2	Associate business and its role in society	Understand	3,6
3	Explain Business ethics and CSR	Understand	2
4	Illustrate technological integration in business	Understand	5,6
5	Articulate the fundamentals of business research	Apply	5,6

Course Code	CO1CRT02
Title of the Course	FINANCIAL ACCOUNTING– I
Type	Core Course
Credits	4
Hours	5 per week and Total 90

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Employ the skill of preparing accounts and financial statements of various types of business units other than corporate undertakings	Apply	1
2	Compute financial reports from incomplete accounts	Apply	1
3	Develop skills in preparing royalty accounts	Apply	1
4	Explain the preparation of consignment accounts	Apply	1
5	Practice the procedure involved in the farm accounts.	Apply	1

Course Code	CO1CRT03
Title of the Course	CORPORATE REGULATIONS AND ADMINISTRATION
Type	Core Course
Credits	3
Hours	4 per week and Total 72

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
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1	Illustrate the management and administration of joint stock companies in India as per Companies Act, 2013	Understand	3
2	Discuss the administration of joint stock companies in India	Understand	3
3	Generalize the implications of business laws in India with special focus to Companies Act, 2013	Understand	6
4	Interpret the rights and duties of shareholders, members and types of meetings in the companies.	Understand	3
5	Judge the regulation regarding formation of a company	Understand	6

Course Code	CO1CMT01
Title of the Course	BANKING AND INSURANCE
Type	Complementary Course
Credits	3
Hours	3 per week and Total 54

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Extend the basic concepts and practice of banking and the principles of Insurance	Understand	5
2	Relate with changing scenario of Indian banking and insurance Sector	Understand	3
3	Judge the fundamental principles of banking and insurance	Understand	5
4	Develop a professional base in the fields of banking and insurance, thus making it easier to secure jobs in these sectors	Apply	3

SEMESTER 2

Course Code	CO1CRT04
Title of the Course	FINANCIAL ACCOUNTING– II
Type	Core Course
Credits	4
Hours	5 per week and Total 90

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	To equip the students with the skill of preparing accounts and financial statements of various types of business units other than corporate undertakings.	Apply	1
2	To enable students to account for dissolution of partnership firms	Apply	1

3	To enable the students with the preparation of financial accounts with advanced techniques	Apply	1
4	To familiarize the application of important accounting standards	Apply	1

Course Code	CO2CRT05
Title of the Course	BUSINESS REGULATORY FRAMEWORK
Type	Core Course
Credits	3
Hours	4 per week and Total 72

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	The course is intended to familiarize the students with the legal framework influencing business decisions.	Apply	3
2	To make an understanding among students about principle agency relationship in business	Understand	3
3	To equip the students with practical implication of sale of goods act, 1930	Apply	3,6
4	To understand and appreciate the essential element of valid contract and decide on the issues connected with performance and discharge of contract	Understand	3

Course Code	CO2CRT06
Title of the Course	BUSINESS MANAGEMENT
Type	Core Course
Credits	3
Hours	3 per week and Total 54

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Recall principles of management	Remember	2
2	Explain the corporate strategic planning techniques and organization structure	Understand	5
3	Identify types of leadership and management techniques	Remember	6

Course Code	CO2CMT02
Title of the Course	PRINCIPLES OF BUSINESS DECISIONS
Type	Complementary Course
Credits	3
Hours	3 per week and Total 54

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	To familiarise the students with the economic concepts and principles underlying business decision making	Apply	2,6
2	To make student understand the demand and supply analysis in business applications	Apply	2.6
3	To familiarise students with the production and cost structure	Analyse	6
4	To understand the pricing and output decisions under various market structure.	Analyse	2

SEMESTER 3

Course Code	CO3CRT07
Title of the Course	CORPORATE ACCOUNTS - I
Type	Core Course
Credits	4
Hours	4 per week and Total 72

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Write the journal entries for share issue, forfeiture, buyback, right issue and bonus issue	Apply	1
2	Determine the liability of different types of underwriter	Apply	1
3	Prepare the financial statements of joint stock of company as per companies act 2013	Apply	1
4	Prepare the ledgers of investment	Apply	1
5	Compute the amount insurance claims	Apply	1

Course Code	CO3CRT08
Title of the Course	QUANTITATIVE TECHNIQUES FOR BUSINESS - I
Type	Core Course
Credits	4
Hours	4 per week and Total 72

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Explain the features and methods of statistics	Understand	3
2	Apply the appropriate sampling survey method and collect data	Apply	3
3	Apply the appropriate statistical tool for the specific issues of the business firms and to calculate an appropriate measure of central tendency.	Apply	3
4	Calculate an appropriate measure of dispersion and to interpolate and extrapolate a value from a series and use it for forecasting.	Apply	3

Course Code	CO3CRT09
Title of the Course	FINANCIAL MARKETS AND OPERATIONS
Type	Core Course
Credits	4
Hours	4 per week and Total 72

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	The course is intended to familiarize the students with financial market operations in India.	Apply	2,6
2	To familiarize the student about the financial markets laws rules and in India.	Apply	2
3	To understand the technical explanation about the financial market operations.	Apply	5
4	Equip the students to get a job in securities trading firms and other market related institutions.	Apply	3

Course Code	CO3CRT10
Title of the Course	MARKETING MANAGEMENT
Type	Core Course
Credits	3
Hours	3 per week and Total 54

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	The objective of this course is to provide a sound understanding of the basic principles of marketing management and their applications in the business and industry.	Apply	2,6
2	Students are equipped to identify the different marketing strategies used by the business firms.	Understand	5
3	Understand the pricing strategies adopted in the marketing process	Apply	6
4	Make the students to be suitable for profession in Marketing field.	Apply	3

SEMESTER 4

Course Code	CO3CRT11
Title of the Course	CORPORATE ACCOUNTS – II
Type	Core Course
Credits	4
Hours	5 per week and Total 90

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Prepare the final accounts of insurance companies	Apply	1
2	Prepare the final accounts of banking companies	Apply	1
3	Develop the statements for internal construction	Apply	1
4	Write the journal for amalgamation absorption and external reconstruction	Apply	1
5	Prepare the liquidator's final statement of accounts	Apply	1

Course Code	CO3CRT12
Title of the Course	QUANTITATIVE TECHNIQUES FOR BUSINESS- II
Type	Core Course
Credits	4
Hours	5 per week and Total 90

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	To equip the students with the preparation of financial statements of insurance companies	Understand	3
2	Familiarizes the students on the different accounting procedures and Provisions of Banking companies,	Apply	3
3	Students are developed to handle different financial issues related to the companies in an effective way as per companies Act 2013.	Apply	3
4	Students are equipped to get job in financial organization.	Apply	3

Course Code	CO3CRT13
Title of the Course	ENTREPRENEURSHIP DEVELOPMENT AND PROJECT MANAGEMENT
Type	Core Course
Credits	4
Hours	5 per week and Total 90

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	To develop entrepreneurial spirit among students	Apply	6
2	To empower students with sufficient knowledge to start up their venture with confidence	Apply	6
3	To mould young minds to take up challenges and become employer than seeking employment and to make them aware of the opportunities and support for entrepreneurship in India.	Apply	2,6
4	Learn how to start an enterprise & design business plan those are suitable for funding by considering all dimensions of business	Apply	2,6
5	Develop idea generation ,creative & innovative skills	Understand	5,6
6	To aware of different opportunities & successful growth stories & Able to start & manage own business	Apply	6

SEMESTER 5

Course Code	CO3CRT14
Title of the Course	COST ACCOUNTING- I
Type	Core Course
Credits	4
Hours	6 per week and Total 108

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	To familiarise the students with cost concepts	Understand	1
2	To make the students learn the Fundamentals of cost accounting as a separate system of accounting.	Apply	1
3	To enable them to understand the differences in accounting principles and its application	Apply	1
4	To develop problem analysis skills and knowledge and applying the same in real life situation.	Apply	1

Course Code	CO3CRT15
Title of the Course	ENVIRONMENT MANAGEMENT AND HUMAN RIGHTS
Type	Core Course
Credits	4
Hours	5 per week and Total 90

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Describe Multidisciplinary nature of environmental studies, Natural resources, eco-systems, pollution, issues, and human rights	Remember	6
2	Explain about the consequences of pollution and possible solutions to avoid pollution	Understand	2
3	Explain recent development in the commerce and management related to environment and social issues related with environment.	Understand	5
4	Describe human rights related with environment and Right to Information Act.	Remember	6

Course Code	CO5OCT02
Title of the Course	COMPUTERIZED ACCOUNTING
Type	Optional Course
Credits	4
Hours	5 per week and Total 90

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	To equip the students to meet the demands of the industry by mastering them with industry sought after computerized accounting packages.	Apply	3,5
2	To expose the students to computer applications in the field of accounting	Apply	1,4
3	To develop practical skills in the application of Tally Accounting Package	Apply	1
4	Students are equipped to meet the demands of the industry by mastering them with industry sought after computerised accounting packages	Apply	3,4

SEMESTER 6

Course Code	CO3CRT17
Title of the Course	COST ACCOUNTING- II
Type	Core Course
Credits	4
Hours	6 per week and Total 108

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	To acquaint the students with different methods and techniques of costing	Understand	1
2	To enable the students to identify the methods and techniques applicable for different types of industries	Apply	1
3	High-level knowledge about costing principles	Apply	1
4	To apply the marginal costing principles in decision making situations of businesses.	Apply	1

Course Code	CO3CRT18
Title of the Course	ADVERTISEMENT AND SALES MANAGEMENT
Type	Core Course
Credits	4
Hours	4 per week and Total 72

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Identify misleading and false advertisements.	Remember	6
2	Enumerate about ad agencies and regulations of advertisement in India.	Understand	6
3	Develop personal selling skills	Apply	5

Course Code	CO6CRT20
Title of the Course	MANAGEMENT ACCOUNTING
Type	Core Course
Credits	4
Hours	5 per week and Total 90

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	To acquaint the students with management account techniques for the analysis and interpretation of financial statements and to study the basic framework of financial reporting	Evaluate	1
2	Explain the three primary purposes of management accounting namely, inventory valuation, decision support and cost control.	Analyse	1
3	Develop and apply fund flow and cash flow statement for planning and controlling purposes.	Apply	1
4	Apply and analyse the overall performance of an organisation with the help of ratios	Apply	1

**NIRMALA ARTS & SCIENCE COLLEGE,
MULANTHURUTHY**
(Affiliated to MG University, Kottayam)

DEPARTMENT OF ENGLISH

OUTCOME BASED EDUCATION

**PROGRAMME OUTCOMES, PROGRAMME SPECIFIC OUTCOMES &
COURSE OUTCOMES**

PREPARED BY FACULTY MEMBERS, DEPARTMENT OF ENGLISH, NIRMALA ARTS AND SCIENCE COLLEGE,
MULANTHURUTHY.

PROGRAMME OUTCOME

PSO No.	<i>Expected Programme Outcomes</i> <i>Upon completion of BA, the students will be able to:</i>
1	Demonstrate (i) a coherent understanding of the academic field of English language and literature, its various learning areas and applications, and its cross-disciplinary linkages. (ii) Procedural knowledge that creates different types of professionals in the field of English language and literature.
2	Demonstrate proficiency in the four-fold skills of communicative English consisting of Listening, Speaking, Reading and Writing.
3	Demonstrate skills in English communication and linguistics in professional domains including print, broadcast, and online journalism
4	Demonstrate the ability to engage in self-directed, lifelong learning for the continuous development and enhancement of knowledge desired for one's personal and professional development.
5	Demonstrate a sense of values, ethics and environmental consciousness in personal and professional life.

PROGRAMME SPECIFIC OUTCOMES

PSO No.	<i>Expected Programme Specific Outcomes</i> <i>Upon completion of BA English, the students will be able to:</i>	Cognitive Level	PO
1	Discuss the evolution, nature and basic concepts of English Language and Literature.	U	1,4
2	Identify seminal writers of English and World Literatures and recognize various literary genres, periods and theories of English Literature.	U	1
3	Apply Listening, Speaking, Writing and Reading skills and develop effective communication.	Ap	2,4
4	Focus on the tenets of Journalism and Public Relations.	An	3,4,5
5	Discuss the significance of society in the evolution of language and literature.	U	1,4,5

COURSE OUTCOMES

SEMESTER 1

COURSE: EN1CCT01- FINE-TUNE YOUR ENGLISH

Category: Common	Lecture Hours: 5 Hrs.	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Interpret sentence structure and word- classes of English.	Ap	3
2	Explain concepts such as concord, errors and common mistakes in English.	Ap	3
3	Classify tenses in English.	U	1,2,5
4	Examine idiomatic language expressions in English.	Ap	3
5	Construct interrogatives and negatives in English.	Ap	3

COURSE: EN1A02B18- PEARLS FROM THE DEEP

Category: Common	Lecture Hours: 4 Hrs.	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Identify the short stories and poems they have studied in their previous years and the message they carry with it.	U	1,2,5
2	Locate the different works they have come across specific categories of writing	U	1,2,5

3	Identify the seriousness of learning some of the renowned works of the pioneers of literature.	U	1,2,5
4	Analyse the lives they have come across the text in the context of their awareness of the real world.	An	4
5	Contrast/ Compare the genres of literature they have learnt so far.	An	4

COURSE: EN1CST01- ENGLISH IN INFORMAL SITUATIONS

Category: Core	Lecture Hours: 4 Hrs.	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Develop skills to conduct conversations in various situations.	Ap	3
2	Extend their vocabulary in English.	U	1,2,5
3	Construct different phrases for different occasions.	Ap	3
4	Practice reading, writing and speaking skills in both formal and informal situations.	Ap	3

COURSE: EN1CST02- CONVERSATION SKILLS

Category: Core	Lecture Hours: 4 Hrs	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Explain the basics concepts of phonetics and classify speech sounds.	U	1,2,5
2	Describe phonology, syllable and supra segmentals in terms of speech sounds.	U	1,2,5

3	Practice skills in communication in English for life situations	Ap	3
4	Develop skills in English vocabulary useful for daily existence.	Ap	3

COURSE: EN1CRT01- METHODOLOGY OF LITERARY STUDIES

Category: Core	Lecture Hours: 6 Hrs	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Trace the growth of literature from the traditional paradigm to the modern times.	U	1,2,5
2	Compare the different theories of literature including post colonialism, formalist criticism and feminism. (Evaluate)	An	4
3	Identify the issues of the oppressed through the concept of the subaltern within the framework of India.	U	1,2,5
4	Determine the various ways in which the contributions of the marginalised communities are neglected and deleted in literary historiography.	Ap	3
5	Examine the theory of feminism in the major works of literature from a feminist point of view.	Ap	3
6	List the different authors of literature according to the theories promulgated by them.	R	1,2,5

COURSE: SO1CMT01- INTRODUCTION TO SOCIOLOGY

Category: Complimentary	Lecture Hours: 6 Hrs	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Discuss the emergence, subject matter and significance of society.	U	1,2,5
2	Explain the basic concepts such as social interaction, social structure and social groups in sociology.	U	1,2,5
3	Describe the meaning, characteristics and types of social institutions.	U	1,2,5
4	Explain the micro sociological foundations.	U	1,2,5
5	Trace the social changes in the world.	U	1,2,5

SEMESTER 2**COURSE: EN2CC03- ISSUES THAT MATTER**

Category: Common	Lecture Hours: 5 Hrs	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Identify the major issues of contemporary significance.	U	1,2,5
2	Illustrate rationally and positively the issues raised.	U	1,2,5
3	Practice the values imparted through the selections.	Ap	3
4	Identify the contemporary issues of concern.	U	1,2,5

COURSE: EN2CCT04 - SAVOURING THE CLASSICS

Category: Common	Lecture Hours: 4 Hrs.	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Analyse various literary features of Classic writing,	An	4
2	Discuss the norms of philosophy based on life.	U	1,2,5
3	Examine the Classic texts held as a mirrored reflection of the society.	Ap	3
4	Compare different texts of the same genre.	U	1,2,5
5	Discuss the setting, characters and plot of the texts.	U	1,2,5

COURSE: EN2CS03- INTRODUCTION TO COMMUNICATION

Category: Core	Lecture Hours: 6 Hrs	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Identify the key terms, models, concepts and a range of theories about communication.	U	1,2,5
2	Articulate effective messages based on audience and context.	Ap	3
3	Explain elementary knowledge of the key forms of communication and media platforms.	U	1,2,5
4	Describe a general sense of how communication theory relates to the practice of communication.	U	1,2,5

COURSE: EN2CS04-BUSINESS COMMUNICATION

Category: Core	Lecture Hours: 4 Hrs	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Identify the current technology related to the communication field.	U	1,2,5
2	Describe the effective use of various types of oral, written and digital communication modes.	U	1,2,5
3	Explain examples of experiential learning opportunities that can develop communication skills in a professional environment.	U	1,2,5
4	Develop business writing.	Ap	3

COURSE:
EN2CR02 – INTRODUCING LANGUAGE AND LITERATURE

Category: Core	Lecture Hours: 4 Hrs	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Describe between old English, middle English and modern English language.	U	1,2,5
2	Classify the genres and examine techniques of narration.	U	1,2,5
3	Determine the various periods of literature.	Ap	3
4	Understand the various language varieties and its importance.	U	1,2,5

COURSE: SO1CMT01- DEVELOPMENT OF SOCIOLOGICAL THEORIES

Category: Complimentary	Lecture Hours: 6 Hrs	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Explain the fundamentals of sociology as a relatively new branch of knowledge and the trajectory of social thinking.	U	1,2,5
2	Describe the factors that triggered the development of sociological theories.	U	1,2,5
3	Identify the pioneers of sociological thought like Auguste Comte, Herbert Spencer, Emile Durkheim and Max Weber.	U	1,2,5
4	Illustrate the Comtean Sociology, Positivism, Law of Three Stages and Hierarchy of Sciences.	Ap	3

SEMESTER 3**COURSE: EN3CCT05 – LITERATURE AND/AS IDENTITY**

Category: Common	Lecture Hours: 5 Hrs.	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Identify the issues of refugee and cross border cases which they have studied earlier and will thereby understand the need of a literary representation of the so called genre.	U	1,2,5
2	Locate different works they have come across under specific categories of writing.	U	1,2,5
3	Focus on the seriousness of the issues encountered by people of different ethnicities apart from race and gender.	An	4
4	Explain the extent of the sufferings which people have been through in their lifetime.	U	1,2,5
5	Compare/ Contrast the genres of literature they have learned/read so far.	U	1,2,5

COURSE: EN3CR03- HARMONY OF PROSE

Category: Core	Lecture Hours: 5 Hrs	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Give examples of the writing styles of the various writers	U	1,2,5
2	Differentiate the diction of the various ages.	U	1,2,5
3	Recognize that anything can be a subject for an essay.	U	1,2,5
4	Analyse the stylistic use of language	An	4
5	Write a personal essay of their own at the end of the course	Ap	3

COURSE: EN3CR04- SYMPHONY OF VERSE

Category: Core	Lecture Hours: 4 Hrs	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Describe difficult lines and areas that need careful perusal	U	1,2,5
2	Contrast the essential differences between the Elizabethan poetic scene and the modern, stopping at all the poetic counters that come in between.	U	1,2,5
3	Explain the terms and changing phases of writing including the movements that prompted significant pieces of poetry	U	1,2,5
4	Illustrate from the prescribed works, various features and techniques employed in poetic art.	Ap	3
5	Explain how a writer marks out areas that relate to the different Politico-Social and Cultural milestones in each age.	U	1,2,5

COURSE: EN3CS05- PRINT MEDIA AND JOURNALISM I

Category: Core	Lecture Hours: 5 Hrs	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Explain the role of journalism in Indian freedom struggle.	U	1,2,5
2	Identify the modern trends in Journalism	U	1,2,5
3	Illustrate the context of the imposition of press censorship in India.	Ap	3
4	Analyse the role of Christian Missionaries in Indian Journalism.	An	4
5	Teach the history of journalism from its inception.	Ap	3

COURSE: EN3CR05- INDIAN WRITING IN ENGLISH

Category: Core	Lecture Hours: 5 Hrs	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Teach students to the various ways in which Indian writers wrote literature.	Ap	3
2	Identify the subtle flavours that distinguish the 'Indian' quotient in English writings from India.	U	1,2,5
3	Illustrate the different concerns that Indian English writers share in their literature.	Ap	3
4	Describe the themes of diasporic Indian writers.	U	1,2,5

COURSE: EN3CM03- EVOLUTION OF LITERARY MOVEMENTS: THE SHAPERS OF DESTINY

Category: Complimentary	Lecture Hours: 6 Hrs	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Examine the impact of foreign invasions on England's society.	U	1,2,5
2	Discuss the contributions of various rulers on England.	U	1,2,5
3	Examine the impact of society on literature and vice versa.	Ap	3
4	Summarize the religious, political, scientific and educational circumstances of England.	U	1,2,5
5	Classify the customs, practices, locale, spatial/ temporal settings in England.	U	1,2,5

SEMESTER 4

COURSE: EN4CCT06 – ILLUMINATIONS

Category: Common	Lecture Hours: 5 Hrs.	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Identify the works of the pioneers of literature which they have studied earlier and will thereby understand the need of a literary representation of the so called genre.	U	1,2,5
2	Locate different works they have come across under specific categories of writing.	U	1,2,5
3	Identify the effect of literary works which acts as not only a signpost but also to impart the pleasure of learning a different culture and class.	U	1,2,5
4	Explain the experiences of those writers which has imparted interest among masses.	U	1,2,5
5	Contrast/ Compare the genres of literature they have learned/read so far.	U	1,2,5

COURSE: EN4CR05- MODES OF FICTION

Category: Core	Lecture Hours: 5 Hrs	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Teach themselves with British and Non British fictions.	Ap	3
2	Interpret texts with an awareness of and curiosity for other view points.	Ap	3
3	Consider a wider range of voices within and across cultures.	An	4
4	Identify literal and figurative use of language.	U	1,2,5
5	Deploy ideas from these texts in their own reading and writing.	Ap	3

COURSE: EN4CM04- EVOLUTION OF LITERARY MOVEMENTS: THE CROSS CURRENTS OF CHANGE

Category: Complimentary	Lecture Hours: 6 Hrs	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Investigate the impact of liberationist movements in literature and vice versa.	An	4
2	Discuss the emergence of the various philosophical ideas.	U	1,2,5
3	Illustrate the development of liberationist movements in the light of social conditions	Ap	3
4	Classify literary writings in terms of the features of each age	Ap	3
5	Determine social and philosophical impacts on literary writings and movements.	Ap	3

COURSE: EN4CR06- LANGUAGE AND LINGUISTICS

Category: Core	Lecture Hours: 5 Hrs	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Understand the morphological process.	U	1,2,5
2	Examine the importance of linguistics.	Ap	3
3	Identify the various speech organs and their articulation.	An	4
4	Distinguish the various theories of language.	An	4
5	Discuss the various semantic changes and the growth of vocabulary.	An	4

COURSE: EN4CR07- ACTS ON STAGE

Category: Core	Lecture Hours: 5 Hrs	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Discuss the works of various playwrights included in the course.	U	1,2,5
2	Identify the broad genre-based nuances in the realm of drama.	U	1,2,5
3	Illustrate drama as an art form.	Ap	3
4	Distinguish selected theatre texts that form the canon of English Drama.	U	1,2,5

COURSE: EN4CS06 – PRINT MEDIA AND JOURNALISM II

Category: Core	Lecture Hours: 5 Hrs	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Explain the role of journalism in Indian freedom struggle.	U	1,2,5
2	Identify the modern trends in Journalism	U	1,2,5
3	Illustrate the context of the imposition of press censorship in India.	Ap	3
4	Analyse the role of Christian Missionaries in Indian Journalism.	An	4

SEMESTER 5

COURSE: EN5CREN01- ENVIRONMENTAL SCIENCE AND HUMAN RIGHTS			
Category: Core	Lecture Hours: 5 Hrs	Type: Theory	Credits: 4

CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Understand the morphological process.	U	1,2,5
2	Determine the scope of Environmental issues in the light of Human Rights.	U	1,2,5
3	Interprete sample texts provided in the syllabus in the light of present environmental issues.	U	1,2,5
4	Identify the role of United Nations in establishing Human Rights.	An	3
5	Investigate the environmental and social concerns through field works.	An	4

COURSE: EN5CS07- CREATIVE WRITING AND TRANSLATION STUDIES

Category: Core	Lecture Hours: 6 Hrs	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Identify communication in all situations with emphasis on figurative uses of words, idioms and phrases, culture-bound idioms and rhetorical devices.	U	1,2,5
2	Develop proficiency in sentence constructions and use of figures of speech.	Ap	3
3	Identify the various speech organs and their articulation.	An	4
4	Discover creativity in translation.	U	1,2,5

COURSE: EN5CS08 - MASS COMMUNICATION AND BROADCASTING MEDIA-RADIO

Category: Core	Lecture Hours: 5 Hrs	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Understand the underlying principles of Mass Communication and Journalism Industry.	U	1,2,5
2	Develop a hands-on experience on radio programme production.	Ap	3
3	Identify different genres of cinema.	U	1,2,5
4	Discover the history of cinema in global and Indian perspectives.	U	1,2,5
5	Determine the process of film production with its various steps.	Ap	4

COURSE: EN5CS09- PUBLIC RELATIONS I

Category: Core	Lecture Hours: 5 Hrs	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Identify the various tools for facilitating PR activity in different situations.	U	1,2,5
2	Determine the various qualities and soft skills deemed desirable for a PR practitioner.	Ap	3
3	Understand the fundamentals of public relations.	An	4
4	Discover the roles and responsibilities of PR department in an establishment and to plot its organisational structure.	U	1,2,5
5	Teach the history of journalism from its inception.	Ap	3

COURSE: EN5CROP03- ENGLISH FOR CAREERS

Category: Open Course	Lecture Hours: 4 Hrs	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Develop communicative skills, which will enable them to prepare for a career and function effectively in it.	Ap	3
2	Practice oral and written communication to enhance their academic and professional use of language.	Ap	3
3	Develop job-seeking, job-getting, and job-holding needs in students.	An	4
4	Identify skills needed to participate in a conversation.	U	1,2,5

SEMESTER 6

COURSE: EN6CS12 - PUBLIC RELATION II

Category: Core	Lecture Hours: 5 Hrs	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Identify the various tools for facilitating PR activity in different situations.	U	1,2,5
2	Determine the various qualities and soft skills deemed desirable for a PR practitioner.	Ap	3
3	Understand the fundamentals of public relations.	U	1,2,5
4	Discover the roles and responsibilities of PR department in an establishment and to plot its organisational structure.	Ap	3
5	Teach the history of journalism from its inception.	Ap	3

COURSE: EN6CS11 - VISUAL MEDIA: TELEVISION AND CINEMA

Category: Core	Lecture Hours: 5 Hrs	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Identify the various genres of TV programmes based on the several elements at play in their formats.	U	1,2,5
2	Explain film censorship and its criteria.	Ap	3
3	Define the history of visual media, both in a Global as well as in an Indian perspective.	U	1,2,5
4	Describe the fundamentals of motion picture editing such as Cut, Fade, Mix, Dissolve, Wipe and Superimpose.	U	1,2,5
5	Discuss theoretical and practical knowledge about the various steps and processes involved in film making	U	1,2,5

COURSE: EN6CS10 - ENTREPRENEURSHIP DEVELOPMENT

Category: Core	Lecture Hours: 5 Hrs	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Discuss the role of an Entrepreneur in Economic development	U	1,2,5
2	Distinguish between an Entrepreneur and self-employed person.	An	4
3	Explain the characteristics of an Entrepreneur.	U	1,2,5
4	Identify financial corporations, small scale and export industries.	U	1,2,5
5	Determine the activities and functions of District Industries Centers.	Ap	3

COURSE: EN6CS13 - OFFICE ADMINISTRATION AND HUMAN RESOURCE MANAGEMENT

Category: Core	Lecture Hours: 5 Hrs	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Identify the role of HR in a company/organisation	U	1,2,5
2	Discuss the roles and methods of communication employed in offices.	U	1,2,5
3	Explain the importance of nurturing a healthy office atmosphere and the tips for it	U	1,2,5
4	Understand the financial planning, record keeping, billing, personnel distribution and logistics within an organization.	U	1,2,5
5	Determine the role of HR in a company/organization.	Ap	

COURSE: EN6CB02 - MODERN MALAYALAM LITERATURE IN TRANSLATION

Category: Core	Lecture Hours:4 Hrs	Type: Theory	Credits: 4
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CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Identify the Popular writers in Modern Malayalam Literature.	U	1,2,5
2	Locate the genres in Modern Malayalam Literature and tracing their origin in comparison with English Literature.	Ap	3
3	Read, analyse and appreciate the texts in their cultural/ ethnic contexts.	An	4
4	Establish an endearing rapport with the cultural aspects of the living environs.	Ap	3
5	Understand the nuances of translation.	U	1,2,5

NIRMALA ARTS & SCIENCE COLLEGE, MULANTHURUTHY
(Affiliated to MG University, Kottayam)

DEPARTMENT OF MANAGEMENT STUDIES

OUTCOME BASED EDUCATION

PROGRAMME OUTCOME, PROGRAMME SPECIFIC OUTCOME, COURSE OUTCOMES

PROGRAMME OUTCOMES

PO No.	<i>Expected Programme Outcomes</i> <i>Upon completion of BBA, the students will be able to:</i>	Cognitive Level
1	To understand conceptual knowledge with an integrated approach to various functions and management	U
2	To develop leadership and communication skills to become successful business leaders and managers	Ap
3	Attain problem-solving, decision making and critical thinking skills to provide viable solutions for business problems.	Ap
4	Ability to work effectively and respectfully with diversified teams	AP
5	Have a broad knowledge in global business environment and emerging technologies to support sustainable development	U

PROGRAMME SPECIFIC OUTCOMES

PSO No.	<i>Expected Programme Specific Outcomes</i> <i>Upon completion of BBA, the students will be able to:</i>	Cognitive Level	PO
1	Explain the concepts, principles and practices in the administrative and functional areas of business management, understand the basic concepts of financial management, Identify the legal framework of business in India.	U	1
2	Apply the basic mathematical and statistical tools in various decision areas of business management.	Ap	3
3	Develop communication skills to become competent professionals in the managerial and administrative level.	Ap	2,4
4	Analyse business problems by using business research competencies & develop awareness about Entrepreneurship	An	3
5	Understand the basics of business and cost accounting for management.	U	1
6	Understanding the concept of business and sustainable development	U	5

COURSE OUTCOMES

SEMESTER 1

COURSE: BA1CRT01- PRINCIPLES AND METHODOLOGY OF MANAGEMENT			
Category: Core	Lecture Hours: 6 Hrs.	Type: Theory	Credits: 4
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Discuss the core concepts of management and the various functional areas of management, review the process of planning and decision making in management	U	1
2	Review the process of planning and decision making in management	U	1
3	Describe the various types of organisation structures	U	1,3
4	Develop optimal managerial decisions	Ap	1,3
5	Interpret the different types of control methods and coordination in management.	U	1,3

COURSE: BA1CRT02- BUSINESS ACCOUNTING			
Category: Core	Lecture Hours: 6 Hrs.	Type: Theory	Credits: 4
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Discuss the role of accounting in business world	U	1,2
2	Explain the principles of accounting and book keeping	U	1,2
3	Apply accounting rules in determining financial results and preparation of financial statement	Ap	1,2,3,4,5
4	Practice the concept of bill of exchange in business	Ap	1,2,3,4,5
5	Prepare bank reconciliation statement for business	Ap	

SEMESTER 2

COURSE: BA2CRT06- COST AND MANAGEMENT ACCOUNTING

Category: Core		Lecture Hours: 6 Hrs	Type: Theory	Credits: 4	
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level		PSO	
1	Understand the basic theory, concepts and practice of cost and management accounting	U		1	
2	Determine the elements of cost	U		1	
3	Examine the overhead cost and preparation of reconciliation statement of cost and management accounting	Analyse		1,2,3	
4	Discuss the scope and objectives of management accounting by using various tools of financial statement analysis	U		1,2,3	
5	Explain cost Volume Profit Analysis	Analyse		1,2,3	

COURSE: BA2CRT07- BUSINESS COMMUNICATION

Category: Core		Lecture Hours: 6 Hrs	Type: Theory	Credits: 4	
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level		PSO	
1	Relate to the various concepts and processes of managerial communication.	U		1	
2	Distinguish verbal and non-verbal communication and channels of communication	U		1	
3	Develop essential listening skills required for effective communication	U		1	
4	Draft effective business correspondence with brevity and clarity	U		1	
5	Understand the new trends in business communication for modern business	U		1,3	

SEMESTER 3

COURSE: BA3CRT11- HUMAN RESOURCE MANAGEMENT

Category: Core		Lecture Hours: 5 Hrs	Type: Theory	Credits: 4	
CO No.	Expected Course Outcomes <i>Upon completion of this course, the students will be able to:</i>			Cognitive Level	PSO
1	Develop the understanding of the concept of human resource management and its relevance in organizations.			U	1
2	Analyse the strategic issues and strategies required to select and develop manpower resources.			Ap	1,3
3	Distinguish between Traditional and modern method of performance appraisal system in the context of career planning and development			U	1,3
4	Justify the Design of Compensation and rewards in alignment with job evaluation.			U	1,3
5	Observe the legal enactments in aid to maintain human resource in the organisation			U	1,3

COURSE: BA3CRT12- MARKETING MANAGEMENT				
Category: Core		Lecture Hours: 5 Hrs	Type: Theory	Credits: 4
CO No.	Expected Course Outcomes <i>Upon completion of this course, the students will be able to:</i>		Cognitive Level	PSO
1	Discuss different marketing Concepts		U	1
2	Identify factors affecting consumer behaviour		U	1
3	Develop marketing mix for products or brands		Apply	1
4	Identify various pricing policies and the applicability of different pricing strategies		U	1
5	Identify and develop salesmanship among students.		U&Applying	1

COURSE: BA3CRT13– RESEARCH METHODOLOGY					
Category: Core		Lecture Hours: 5 Hrs	Type: Practical	Credits: 4	
CO	Expected Course Outcomes			Cognitive	PSO

No.	Upon completion of this course, the students will be able to:	Level	
1	Discuss the basics in different types of research.	U	1,2,3,4
2	Explain techniques involved in defining research problem	U	1,2,3,4
3	Discuss the concepts and procedures of sampling	U	1,2,3,4
4	Explain different types of data in research	APPLY	
5	Describe the concepts in research report writing	U	

SEMESTER 4

COURSE: BA4CRT16 - FINANCIAL MANAGEMENT				
Category: Core		Lecture Hours: 5 Hrs	Type: Theory	Credits: 4
CO No.	Expected Course Outcomes Upon completion of this course, the students will be able to:	Cognitive Level	PSO	
1	Understand the basic concepts of Financial Management- financial, investment and dividend decisions related to business	U	1,2	
2	Identify the various sources of finance available for business management	U	1,2,3	
3	Compute working capital requirements and its role in meeting firm's strategic objectives	An	1,2,3	
4	Apply the concept of cost of capital and assess the capital structure of a firm and state its impact on firm's profitability	U	1,2,3	
5	Discuss dividend decision theories and its significance in business concern.	Ap	1,2,3	

COURSE: BA4CRT17 - MANAGERIAL ECONOMICS				
Category: Core		Lecture Hours: 5 Hrs	Type: Theory	Credits: 4
CO No.	Expected Course Outcomes Upon completion of this course, the students will be able to:	Cognitive Level	PSO	

1	Understand the economic principles and concepts in managerial economics.	U	1
2	Understand the theory of demand and demand forecasting	An	1
3	Analyse how firms can use pricing strategies to maximise profit	U	1
4	Analyse production function, law of diminishing returns with the help of various pricing policies and practices	U	1
5	Illustrate the knowledge of fundamentals of economics by applying theories in critical thinking and business problem solving	Ap	1,3,4

COURSE: BA4CRT18- ENTREPRENEURSHIP			
Category: Core		Lecture Hours: 5 Hrs	Type: Theory
		Credits: 4	
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Explain entrepreneurship and different types of entrepreneurs	U	1
2	Develop awareness about Entrepreneurial development programmes	Applying	1,3,4
3	Discuss the process of starting a new project	U	1,2,3,4
4	Discuss opportunities in small scale business	U	1
5	Discuss on project report relating to small scale business	U	1,3

SEMESTER 5

COURSE: BA5CRT21- ORGANISATIONAL BEHAVIOUR

Category: Core	Lecture Hours: 6 Hrs	Type: Theory	Credits: 4
CO No.	Expected Course Outcomes <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Discuss the implications of individual and group behavior in organizational context	U	1,3
2	Discuss the concepts of Personality, Perception and Learning.	U	1,3
3	Describe motivational theories, values and group dynamics	U	1,3
4	Explain various leadership styles and role of leaders in decision making	U	1,3
5	Describe methods for successfully managing change in organizational climate	Remembering	

COURSE: BA5OPT22- ENVIRONMENT SCIENCE AND HUMAN RIGHTS			
Category: Core	Lecture Hours: 5 Hrs	Type: Theory	Credits: 4
CO No.	Expected Course Outcomes <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Discuss the impact of environmental depletion, especially in ecosystem and biodiversity	U	1
2	Identify the factors causing land, water, air and noise pollution	U	1,3
3	Develop keen understanding of non-conventional energy source, solid waste management and technologies for sustainable development	Applying	1,3
4	Discuss the fundamental rights and Indian Constitution	U	1,3
5	Discuss Rights for children and women, Scheduled Castes, Scheduled Tribes, Other Backward Castes and Minorities	U	1,3

COURSE: BA5CRT25- OPERATIONS MANAGEMENT

Category: Core	Lecture Hours: 2 Hrs	Type: Theory	Credits: 2	
CO No.	Expected Course Outcomes <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO	
1	Understand Concepts of Operation management	U	1	
2	Comprehend the structure and components of Production & Service management and their underlying need	Ap	1,2,3,4,5	
3	Decide the purchase procedure and analyse and execute store management functions.	U	1,2,3,4	
4	Describe work improvement measures and plant layout.	U	1,2,3,4	
5	Understand the impact of Quality control on Operations	U	1,2,3,4	

COURSE: BA5CRT26 - INDUSTRIAL RELATIONS				
Category: Core	Lecture Hours: 3 Hrs	Type: Practical	Credits: 3	
CO No.	Expected Course Outcomes <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO	
1	Describe fundamental concepts, nature of Industrial Relations and features of Indian labour force.	Ap	1,2,3,4	
2	Discuss the nature and role of trade unions for workers and industries.	Ap	1,2,3,4,5	
3	Examine the labour relation issues and its management.	Ap	1,2,3,4	
4	Identify industrial disputes and ways to resolve them.	Ap	1,2,3,4	
5	Discuss relevance of collective bargaining and its impact on employee-management relations.	Ap	1,2,3,4,5	

COURSE: BA6CRT29- STRATEGIC MANAGEMENT			
Category: Core		Lecture Hours: 5Hrs	Type: Practical
		Credits: 4	
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Explain the strategic management process that organisations make and have ability to engage in strategic planning	Cr	1,2,3,4, 5
2	Analyse the internal capabilities and external opportunities of companies using various environmental scanning techniques		
3	Describe the process of strategic formulation and levels strategies		
4	Explain the levels of strategic implementation, organisation structure and types of diversification		
5	Identify the evaluation criteria's and the various control process available for business concerns.		

SEMESTER 6

COURSE: BA6CRT30 - COMMUNICATION SKILLS AND PERSONALITY DEVELOPMENT			
Category: Core		Lecture Hours: 5 Hrs	Type: Theory
		Credits: 4	
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Develop knowledge and skills required to conduct speeches and presentations	U	1
2	Formulate messages for electronic media.	U	1
3	Develop skills on resume writing, formal letters and interviews.	U	1
4	Discuss group discussion		

5	Prepare audio-video recording and dialogue session on current topics		
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**NIRMALA ARTS & SCIENCE COLLEGE,
MULANTHURUTHY**
(Affiliated to MG University, Kottayam)

DEPARTMENT OF COMPUTER APPLICATIONS

OUTCOME BASED EDUCATION

PROGRAMME SPECIFIC OUTCOME, COURSE OUTCOMES

PROGRAMME OUTCOMES

PSO No.	<i>Programme Outcomes</i> <i>Upon completion of BCA programme, the students will be able to:</i>
1.	Develop an extensive awareness of the nature, scope, and application of computers and programming languages.
2.	Acquire knowledge and skills in computer and information technology, communication, organization and management.
3.	Identify, formulate, and develop solutions to computational challenges.
4.	Comprehend the professional, ethical, legal, and social issues and responsibilities in the computing profession
5.	Build a strong foundation for an interdisciplinary approach to seek post-graduation
6.	Produce workforce equipped with solid IT and business fundamentals to meet the needs of the industry.
7.	Establish self-employment in application sectors involving information and computer technology

PROGRAMME SPECIFIC OUTCOMES

PSO No.	<i>Expected Programme Specific Outcomes</i>	Cognitive Level	PO
1	Explain the basic computer organization, architecture and hardware concepts.	U	1,2,5,6
2	Design algorithm and programs using C, C++, PHP, JAVA languages	Ap	1,2,3,5,6,7
3	Apply mathematical and statistical tools to identify and solve complex engineering and computing problems.	Ap	3,4,5,6,7
4	Develop soft skills and analytical skills to compose applications for real life environment	Ap	2,4,5,6,7
5	Develop software and mobile applications and employ concepts of ethics and cloud computing.	C	1,5,6,7,2

COURSE OUTCOMES

SEMESTER 1

COURSE: CA1CRT01- COMPUTER FUNDAMENTALS AND DIGITAL PRINCIPLES			
Category: Core	Lecture Hours: 4 Hrs.	Type: Theory	Credits: 4
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Discuss about computer hardware, software, operations and concepts	U	1
2	Distinguish various OS and explain the concepts of computer networks	U	1
3	Express numbers in Binary, Hexadecimal and Octal number systems and solve binary arithmetics	Ap	1,3
4	Illustrate logic circuits using Boolean algebra	Ap	1,3
5	Construct Sequential and combinational logic from basic gates.	Ap	1,3

COURSE: CA1CRT02- METHODOLOGY OF PROGRAMMING AND C LANGUAGE			
Category: Core	Lecture Hours: 4 Hrs.	Type: Theory	Credits: 4
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Discuss the concepts of programming and methodologies essential for developing good C programs.	U	1,2
2	Explain the use of character set, data types, operators and input/output operations	U	1,2
3	Illustrate Flow control statements in C programs	Ap	1,2,3,4,5
4	Develop C programs using various constructs and apply Complex data types arrays, structures, union and pointers in C program	Ap	1,2,3,4,5

COURSE: CA1CRP01- SOFTWARE LAB 1

Category: Core	Lecture Hours: 4 Hrs	Type: Practical	Credits: 2
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Associate the fundamentals of C programming in trivial problem solving	U	1,2,3
2	Write, compile and debug programs in C Language	Ap	1,2,3,4
3	Apply user defined functions for solving the problem	Ap	1,2,3,4,5
4	Design programs involving decision structures and loops, structures and pointers	Ap	1,2,3,4,5

SEMESTER 2**COURSE: CA2CRT03- DATABASE MANAGEMNET SYSTEMS**

Category: Core	Lecture Hours: 4 Hrs	Type: Theory	Credits: 3
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Describe the data base approach	U	1
2	Discuss the relations, relationship models and relational database schemas in detail	U	1
3	Practice with the SQL queries	Ap	1,2,3
4	Explain the Normalization and Indexing Structures for Files	U	1,2,3
5	Discuss Transaction Processing and Database Security	U	1,2,3

COURSE: CA2CRT04- COMPUTER ORGANIZATION AND ARCHITECTURE

Category: Core	Lecture Hours: 4 Hrs	Type: Theory	Credits: 3
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Describe the fundamental organization of a computer system	U	1
2	Explain the functional units of a processor	U	1

3	Explain addressing modes, instruction formats and program control statements	U	1
4	Distinguish the organization of various parts of a system memory hierarchy	U	1
5	Describe basic concept of parallel computing	U	1,3
6	Describe fundamentals concepts of pipeline and vector processing	U	1,3

COURSE: CA2CRT05- OBJECT ORIENTED PROGRAMMING USING C++

Category: Core		Lecture Hours: 3 Hrs	Type: Theory	Credits: 4	
CO No.	Expected Course Outcomes Upon completion of this course, the students will be able to:			Cognitive Level	PSO
1	Differentiate between object oriented programming and procedural oriented language			U	1,2
2	Describe data types, constants, control structures and functions in C++			U	1,2,3
3	Explain the concepts of class, objects, constructors, destructors, inheritance, abstract classes etc.			U	1,2,3,4
4	Apply C++ features such as composition of objects, Operator overloading, inheritance, Polymorphism etc. in programs			Ap	1,2,3,4

COURSE: CA2CRP02- SOFTWARE LAB II

Category: Core		Lecture Hours: 5 Hrs	Type: Practical	Credits: 2	
CO No.	Expected Course Outcomes Upon completion of this course, the students will be able to:			Cognitive Level	PSO
1	Write, compile and debug programs in C++ Language			Ap	1,2,3,4
2	Apply user defined functions for solving the problem			Ap	1,2,3,4
3	Design programs involving decision structures and loops, structures, arrays and pointers			Ap	1,2,3,4,5
4	Apply DDL commands in SQL to create, modify, and remove database objects			Ap	1,2,3,4
5	Use Basic SQL queries INSERT, SELECT, DELETE, UPDATE to multiple tables			Ap	1,2,3,4
6	Practice ordering of rows using ORDER BY option			Ap	1,2,3,4
7	Manipulate tables using SET operations			Ap	1,2,3,4
8	Apply complex queries in SQL			Ap	1,2,3,4
9	Manage views in SQL			Cr	1,2,3,4,5

SEMESTER 3

COURSE: CA3CRT06- COMPUTER GRAPHICS			
Category: Core	Lecture Hours: 4 Hrs	Type: Theory	Credits: 4
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Discuss about computer graphics system and its application design algorithms and two-dimensional transformations.	U	1
2	Design line and Circle drawing algorithms two dimensional transformations.	Ap	1,3
3	Explain two dimensional transformations and techniques of clipping	U	1,3
4	Explain three dimensional graphics	U	1,3
5	Describe the basic concepts of Computer Animation	U	1,3

COURSE: CA3CRT07-MICROPROCESSORS AND PC HARDWARE			
Category: Core	Lecture Hours: 3 Hrs	Type: Theory	Credits: 3
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Explain the general architecture of a microcomputer system and architecture organization of 8085	U	1
2	Classify the instruction set of 8085 microprocessor and distinguish the use of different instructions	U	1
3	Identify different components and their functions on the motherboard	U	1
4	Explain the operation of hard disk	U	1
5	Identify the distinguishing features of physical memory, memory modules and memory areas.	U	1

COURSE: CA3CRT08 - OPERATING SYSTEMS				
Category: Core		Lecture Hours: 4 Hrs	Type: Theory	Credits: 4
CO No.	Expected Course Outcomes Upon completion of this course, the students will be able to:	Cognitive Level	PSO	
1	Explain fundamental concepts, structure and design of OS	U	1	
2	Identify the type of operating systems used in various real time applications	U	1,3	
3	Describe different approaches to process management	U	1,3	
4	Describe different approaches to memory management	U	1,3	
5	Describe secondary storage management and disk scheduling	U	1,3	

COURSE: CA3CRT09 - DATA STRUCTURES USING C++				
Category: Core		Lecture Hours: 4 Hrs	Type: Theory	Credits: 3
CO No.	Expected Course Outcomes Upon completion of this course, the students will be able to:	Cognitive Level	PSO	
1	Describe programming methodologies & classification of Data Structures	U	1,3	
2	Develop Data structures such as linked list, stack, queue and tree by using C++ as the programming language and using static or dynamic implementations.	C	1,2,3,4,5	
3	Differentiate sorting, searching techniques and understand various file organizations.	AP	1,2,3,4	
4	Represent and manipulate data using non linear data structures like trees and graphs to design algorithms for various applications.	AP	1,2,3,4	
5	Understand different programming methodologies& classification of Data Structures	U	1,2	

COURSE: CA3CRP03 – SOFTWARE LAB III				
Category: Core		Lecture Hours: 6 Hrs	Type: Practical	Credits: 2
CO No.	Expected Course Outcomes Upon completion of this course, the students will be able to:	Cognitive Level	PSO	
1	Implement basic linear and non linear data structures and their major operations.	Ap	1,2,3,4	
2	Implement representation of graphs	Ap	1,2,3,4	
3	Implement algorithms for various sorting and searching techniques	Ap	1,2,3,4	

SEMESTER 4

COURSE: CA4CRT10 - DESIGN AND ANALYSIS OF ALGORITHMS				
Category: Core		Lecture Hours: 4 Hrs	Type: Theory	Credits: 4
CO No.	Expected Course Outcomes Upon completion of this course, the students will be able to:	Cognitive Level	PSO	
1	Describe various algorithm design strategies and analysis of algorithms	U	1,2	
2	Explain the divide and conquer method and its applications	U	1,2,3	
3	Analyze the time and space efficiency of the data structure	An	1,2,3	
4	Identify the appropriate data structure for given problem	U	1,2,3	
5	Apply graph and tree traverse technique to various applications.	Ap	1,2,3	
6	Implement dijkstra's algorithm, binary trees, travelling Sales person Problem	Ap	1,2,3,4	

COURSE: CA4CRT11 - SYSTEM ANALYSIS & SOFTWARE ENGINEERING				
Category: Core		Lecture Hours: 4 Hrs	Type: Theory	Credits: 4
CO No.	Expected Course Outcomes Upon completion of this course, the students will be able to:	Cognitive Level	PSO	
1	Research the state-of-the-art, and application of Software Engineering in developing software.	U	1	

2	Analyze different approaches to software developing and testing	An	1
3	Summarize the different testing techniques.	U	1
4	Discuss test cases	U	1
5	Apply system testing and validation in the development life cycle	Ap	1,3,4

COURSE: CA4CRT12-LINUX ADMINISTRATION			
Category: Core		Lecture Hours: 4 Hrs	Type: Theory
		Credits: 4	
CO No.	<i>Expected Course Outcomes</i> Upon completion of this course, the students will be able to:	Cognitive Level	PSO
1	Describe basic concepts of Linux Operating System.	U	1
2	Explain various Linux commands.	U	1,3,4
3	Practice shell programming	Ap	1,2,3,4
4	Describe system administration	U	1
5	Summarize various types of servers	U	1,3

COURSE: CA4CRT13-WEB PROGRAMMING USING PHP			
Category: Core		Lecture Hours: 3 Hrs	Type: Theory
		Credits: 3	
CO No.	<i>Expected Course Outcomes</i> Upon completion of this course, the students will be able to:	Cognitive Level	PSO
1	Explain WWW architecture and fundamentals of HTML	U	1
2	Explain stylesheets and javascript	U	1
3	Describe basic program elements in PHP	U	1,2,3
4	Differentiate PHP Get and Post methods working	U	1,2,3

4	Describe of MySQL commands	U	1,2,3
5	Apply PHP code snippets to access a MySQL database	Ap	1,2,3,4

COURSE: CA4CRP04-SOFTWARE LAB IV			
Category: Core		Lecture Hours: 6 Hrs	Type: Practical
		Credits: 2	
CO No.	Expected Course Outcomes Upon completion of this course, the students will be able to:	Cognitive Level	PSO
1	Design a basic website using HTML and CSS to demonstrate responsive web design	Ap	1,2,3,4
2	Implement dynamic WebPages with validation using JavaScript objects by applying different event handling mechanism	Ap	1,2,3,4
3	Apply PHP scripts to handle html forms	Ap	1,2,3,4
4	Develop PHP programs that use various PHP library functions and GET & POST Methods	Ap	1,2,3,4
5	Develop simple web application using server side PHP and database connectivity using MySQL	Ap	1,2,3,4
6	Apply file system and process related commands in Linux in vi-editor	Ap	1,2,3,4
7	Apply Simple Filters, Filters using regular expressions	Ap	1,2,3,4
8	Develop shell scripts	Ap	1,2,3,4

SEMESTER 5

COURSE: CA5CRT14-COMPUTER NETWORKS			
Category: Core		Lecture Hours: 3 Hrs	Type: Theory
		Credits: 4	
CO No.	Expected Course Outcomes Upon completion of this course, the students will be able to:	Cognitive Level	PSO
1	Explain the concepts of signals and OSI-layer functions.	U	1,3
2	Discuss the process of Multiplexing, switching and difference between guided and unguided media in networks.	U	1,3

3	Describe, analyse and compare a number of data link, network, and transport layer protocols	U	1,3
4	Explain protocols and services of transport layer and application layer	U	1,3

COURSE: CA5CRT15-IT AND ENVIRONMENT			
Category: Core		Lecture Hours: 4 Hrs	Type: Theory
		Credits: 4	
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Explain the concepts of internet and environment.	U	1
2	Discuss the impact of IT in E-learning.	U	1,3
3	Describe, cyber ethics, cyber crimes, cyber addictions	U	1,3
4	Explain e-waste and green computing measures	U	1,3
5	Describe the concepts of Human Rights in coordination with UN system	U	1,3

COURSE: CA5CRT16-JAVA PROGRAMMING USING LINUX			
Category: Core		Lecture Hours: 3 Hrs	Type: Theory
		Credits: 3	
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Understand the principles and practice of object oriented analysis and design in the construction of robust	U	1
2	Develop Java programs comprising more than one class, to address a particular software problem	Ap	1,2,3,4,5
3	Discuss simple data structures like arrays in a Java program.	U	1,2,3,4
4	Describe concept of package, interface, multithreading and File handling in java.	U	1,2,3,4
5	Apply JDBC connection in programs	Ap	1,2,3,4

COURSE: CA5CRP05 -SOFTWARE LAB V			
Category: Core	Lecture Hours: 5 Hrs	Type: Practical	Credits: 2
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Write Java application programs using OOP principles and proper program structuring.	Ap	1,2,3,4
2	Develop Java program using packages, inheritance and interface.	Ap	1,2,3,4,5
3	Create Multithreaded programs.	Ap	1,2,3,4
4	Write Java programs to implement error handling techniques using exception handling	Ap	1,2,3,4
5	Develop Applet and swing based Programs and implement database connection	Ap	1,2,3,4,5

COURSE: CA5CRP06-Software Development Lab I			
Category: Core	Lecture Hours: 6 Hrs	Type: Practical	Credits: 2
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Design a system based on System Analysis & Software Engineering course using PHP and MY SQL	Cr	1,2,3,4,5

SEMESTER 6

COURSE: CA6CRT17 -CLOUD COMPUTING			
Category: Core	Lecture Hours: 4 Hrs	Type: Theory	Credits: 4
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Describe Understand the basic about cloud computing	U	1
2	Discuss cloud computing architecture and types	U	1
3	Describe cloud application platforms.	U	1

COURSE: CA6CRT18 -MOBILE APPLICATION DEVELOPMENT- ANDROID			
Category: Core	Lecture Hours: 4 Hrs	Type: Theory	Credits: 4
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Discuss about the architecture and features of Android	U	1
2	Discuss Android user interface	U	1,2
3	Apply SQLite Database in Android.	Ap	1,2,3,4
4	Describe JSON and XML	U	1,2,3,4

COURSE: CA6PET-- -Elective DATA MINING			
Category: Core	Lecture Hours: 4 Hrs	Type: Theory	Credits: 4
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Discuss data mining, classification and major issues	U	1
2	Discuss Data Warehouse and OLAP technology	U	1
4	Describe Cluster Analysis and major clustering methods	U	1

COURSE: CA6CRP07 –SOFTWARE LAB VI & SEMINAR			
Category: Core	Lecture Hours: 6 Hrs	Type: Practical	Credits: 2
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Develop skills in presentation and discussion of research topics in a public forum	Cr	1,2,3,4,5

COURSE: CA6CRP08 -SOFTWARE DEVELOPMENT LAB II

Category: Core	Lecture Hours: 7 Hrs	Type: Practical	Credits: 3
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Design a system based on System Analysis & Software Engineering course using any platform	Cr	1,2,3,4,5

**NIRMALA ARTS & SCIENCE COLLEGE,
MULANTHURUTHY**
(Affiliated to MG University, Kottayam)

DEPARTMENT OF PSYCHOLOGY

OUTCOME BASED EDUCATION

**PROGRAMME OUTCOME, PROGRAMME SPECIFIC OUTCOME AND
COURSE OUTCOMES**

PROGRAMME OUTCOMES

PO1: To acquaint with the major psychological principles, concepts, theoretical perspectives and various field in psychology.

PO2: To gain knowledge in psychology and how to apply psychological principles to personal, social, organizational, clinical, and developmental spheres.

PO3: To gain basic knowledge and skills to identify and diagnose mental disorders, as well as their causes, patterns of occurrence and to provide appropriate therapies.

PO4: To develop basic skills in conducting scientific researches in psychology field.

PO5: To gain familiarity in administering psychological tools and conducting psychological experiments.

PO6: To develop communication skills needed for a good psychologist.

PROGRAMME SPECIFIC OUTCOMES

PSO No.	<i>Expected Programme Specific Outcomes</i> <i>Upon completion of BSc. Psychology, the students will be able to:</i>	Cognitive Level	PO
1	Describe the psychological principles, theories and methods to recognize the complexity of human behaviour	U	1
2	Administer different psychological experiments to determine the nature of human behaviour and to develop a scientific temper	Ap	2,5
3	Explain the conceptual framework of the empirical research and develop the ability to conduct them	Ap	4
4	Explain the diagnostic criteria, symptoms, course, incidence, prevalence, etiology, prognosis and correlates of major mental disorders and learn the psychological, biological, and sociocultural theoretical perspectives of abnormal behaviour	U	3
5	Develop theories and methods of statistics and apply them to understand human behaviour.	Ap	4,5
6	Explain language as a communication system and acquire a technical vocabulary	Ap	6

COURSE OUTCOMES

SEMESTER 1

COURSE: PY1CR01 - FOUNDATIONS AND METHODS OF PSYCHOLOGY			
Category: Core	Lecture Hours: 7 Hrs.	Type: Theory	Credits: 4
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Describe the early evolution and the major perspective in psychology	U	1
2	Review various scientific methods in psychology	U	1
3	Discuss cognitive processes in terms of theories, models and applications	U	1
4	Explain the processes underlying human behaviour	U	1
5	Criticize various personality theories in psychology	Ev	1

COURSE: PY1CMT02- BODY SYSTEMS AND BEHAVIOR			
Category: Complementary	Lecture Hours: 2 Hrs.	Type: Theory	Credits: 2
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Describe various human body systems	U	1
2	Explain physiological basis for emotionality	U	1
3	Examine the field of physiology as a framework for understanding behaviour and mental processes	Ap	1,2
4	Criticize various theories of emotion	Ev	1

5	Summarize the working pattern of circulatory system in human body	Ev	1
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COURSE: PY1CMT03 - BASIC STATISTICS			
Category: Complementary	Lecture Hours: 3Hrs	Type: Practical	Credits: 2
CO No.	Expected Course Outcomes <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Explain the features and methods of statistics	U	1,5
2	Examine the methods of census and sampling	Ap	1,5
3	Examine an appropriate measure of central tendency	Ap	1,5

SEMESTER 2

COURSE: PY2CRT04 BASIC COGNITIVE PROCESSES			
Category: Core	Lecture Hours: 7 Hrs	Type: Theory	Credits: 4
CO No.	Expected Course Outcomes <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Examine the psychological process behind memory	Ap	1
2	Identify the process underlying cognition	U	1
3	Describe the theoretical view of motivation and emotion	U	1
4	Discuss various theories of intelligence	U	1
5	Explain different theories of learning	U	1

COURSE: PY2CMT05 BIOLOGICAL BASIS OF BEHAVIOUR II

Category: Complementary	Lecture Hours: 2 Hrs	Type: Theory	Credits: 2
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Explain Mendelian principles and modern concept of gene and gene action	U	1
2	Relate various disorders in the body with corresponding mutation	Ap	1
3	Describe the physiological basis of sexual Behaviour	U	1
4	Connect to the physiological changes happening in female body during sexual cycles.	An	1
5	Explain the hormonal, anatomical and physiological indicators of stress	U	1
6	Summarize the physiological basis of sleep and arousal	U	1

COURSE: PY2CMT06 STATISTICAL TOOLS			
Category: Complementary	Lecture Hours: 3 Hrs	Type: Theory	Credits: 2
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Compute measures of dispersion of a given data	Ap	1,5
2	Illustrate various moments and its interrelationships	Ap	1,5
3	Compute measures of skewness and kurtosis of a given data	Ap	5
4	Employ correlation and regression to examine the relationship between variables	Ap	1,5

SEMESTER 3

COURSE: PY3CRT07 LIVING IN THE SOCIAL WORLD				
Category: Core		Lecture Hours: 7 Hrs	Type: Theory	Credits: 4
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO	
1	Discover the psychological processes behind human behaviour in a social setting	An	1	
2	Explain the psychological aspects of various social phenomena	U	1,2	
3	Apply theories of social psychology in everyday living	Ap	1,2	
4	Predict human behaviour in social settings	Ev	1,2,3	

COURSE: PY3CMT08 NEUROPHYSIOLOGY OF BEHAVIOUR				
Category: Complementary		Lecture Hours: 3 Hrs	Type: Theory	Credits: 2
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO	
1	Describe the structure and function of different cells in the nervous system	U	1	
2	Compare stages of communication within a neuron and neurotransmitter	An	1	
3	Describe the structure, different parts and functions of brain.	U	1	
4	Compare the divisions of autonomic nervous system	An	1	
5	Explain the relationship between brain and behavior.	U	1	

COURSE: PY3CMT09 STATISTICAL METHODS AND ELEMENTARY PROBABILITY			
Category: Complementary	Lecture Hours:3 Hrs	Type: Theory	Credits: 2
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Practice the probability theory to measure the uncertainty of a problem	Ap	1,5
2	Classify probability density function and distribution function of random variables	An	1,5
3	Illustrate binomial distribution and normal distribution	Ap	1,5

COURSE: PY3 P01 PSYCHOLOGY PRACTICALS-I			
Category: Core	Lecture Hours: 2 Hrs	Type: P	Credits: 1
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Explain the basic concepts of experimental psychology	U	2,3
2	Describe the theoretical concepts through experiments	U	1,2
3	Identify psychological instruments and techniques	U	2
4	Prepare plan for the administration	AP	2,3

SEMESTER 4

COURSE: PY4CRT10 SOCIAL INTERACTIONS AND HUMAN BEHAVIOUR				
Category: Core		Lecture Hours: 7 Hrs	Type: Theory	Credits: 4
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO	
1	Describe the psychological processes behind human behaviour in a social setting.	U	1,2	
2	Explain the psychological aspects of various social issues in the society and the nation	U	1	
3	Apply social psychology in everyday living	Ap	1,2	
4	Explain the measuring of human behaviour.	U	1,2,5	

COURSE: PY4CMT11 BIOPHYSIOLOGY OF BEHAVIOUR				
Category: Complementary		Lecture Hours: 3 Hrs	Type: Theory	Credits: 2
CO No.	Expected Course Outcomes Upon completion of this course, the students will be able to:		Cognitive Level	PSO
1	Discuss and generalise body's immune system and the types of immunity offered		U	1
2	Connect the functioning of body with the endocrine system		An	1
3	Explain the physiological mechanism of learning and memory		U	1
4	Describe the brain chemistry along with various receptors in the brain		U	1
COURSE: PY4CMT12 STATISTICAL INFERENCE				
Category: Complementary		Lecture Hours: 3 Hrs	Type: Theory	Credits: 2

CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Identify different types of hypothesis	An	1,5
2	Apply the most suitable parametric tests for testing hypothesis.	Ap	1,5
3	Calculate normal test for mean and variance	An	1,5

COURSE: PY4 P02 PSYCHOLOGY PRACTICALS-II			
Category: Core		Lecture Hours: 2 Hrs	Type: Practical
		Credits: 1	
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Explain the sensory experience and perceptual processes through experiments	Ap	1
2	Predict how perceptual process differs and affect higher mental abilities	Ev	1
3	Observe social psychological phenomenon in everyday life situations	An	1,2,3

SEMESTER 5

COURSE: PY5CRT13 ABNORMAL BEHAVIOUR			
Category: Core	Lecture Hours: 4 Hrs	Type: Theory	Credits: 4
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Discover the history and meaning of abnormal behaviour.	U	1,2,4
2	Compare different classification systems	An	1,3,4
3	Differentiate various kinds of minor and major disorders	U	1,4
4	Discuss the causal patterns and treatments of disorder	U	1,4

COURSE: PY5CRT 14 FOUNDATIONS OF ORGANIZATIONAL BEHAVIOR			
Category: Core	Lecture Hours: 3 Hrs	Type: Theory	Credits: 3
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Describe the evolution of organisational behaviour and its foundations	U	1
2	Distinguish between various organisational designs at workplaces.	U	1
3	Identify various leadership styles and the role of leaders in a decision-making process	U	1
4	Explain group dynamics and illustrate skills required for team building.	U	1
5	Evaluate different theoretical models explaining individual behaviour related to motivation and rewards	Ev	1,2,3

COURSE: PY5CRT 15 ENVIRONMENTAL PSYCHOLOGY AND HUMAN RIGHTS			
Category: Core		Lecture Hours: 3 Hrs	Type: Theory
		Credits: 4	
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Explain how and why things happen, and make their own decisions about complex environmental issues	U	1
2	Explain how the decisions and actions of human beings affect the environment, build knowledge and skills necessary to address complex environmental issues	U	1
3	Develop positive attitude and values towards environment	Ap	1,2
4	Explain diverse information relevant to human-environment relationships and express them in the context of environmental psychology	U	1
5	Describe the concept of human rights and discuss them in the context of environmental psychology	U	1

COURSE: PY5OP2 LIFE SKILLS DEVELOPMENT			
Category: Open Course		Lecture Hours: 4 Hrs	Type: Theory
		Credits: 3	
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Discuss the foundations of life skills education for the promotion of psychological well-being healthy interaction and behaviour.	U	1
2	Develop abilities for adaptive and positive behaviour that enables individuals to deal effectively with the demands and challenges of everyday life	Ap	1
3	Convert knowledge, attitudes and values into actual abilities.	Ap	1,2

COURSE: PY5 P01 EXPERIMENTAL PSYCHOLOGY				
Category: Core		Lecture Hours: 8Hrs	Type: Practical	Credits: 8
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO	
1	Describe various psychological theories through experiment	Ap	1	
2	Develop the skills of observation and scientific reporting in psychology	Ap	1,2	
3	Prepare plan for the test administration	Ap	1,2,3	

COURSE: : PY5Pr01 EXPERIENTIAL LEARNING PROJECT			
Category: Core	Lecture Hours: 2Hrs	Type: Project	Credits:2
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Practice the concepts learned in the class room to real life situations	Ap	1,2,3,5
2	Asses research and its importance in experiential learning through case study	Ev	1,2,3,5

SEMESTER 6

COURSE: PY6CRT16 PSYCHOLOGY OF MALADAPTIVE BEHAVIOUR			
Category: Core	Lecture Hours: 4 Hrs	Type: Theory	Credits: 4
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Prepare the students to know the causal pattern and the different therapeutic techniques in the management of personality, somatic symptom and dissociative disorders	U	1,4,6
2	Describe the symptoms of childhood disorders, substance dependence and neurocognitive disorders	U	1,4
3	Prepare the students for clinical assessments and diagnosis of various maladaptive behaviors	An	1,3,4

COURSE: PSY6 CRT17 MANAGING BEHAVIOR IN ORGANIZATION			
Category: Core	Lecture Hours: 4 Hrs	Type: Theory	Credits: 4
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Observe human organizations and behaviour in organizations	U	1
2	Explain the psychological process underlying in an organization	U	1,3
3	Describe social responsibility and ethics of an organization	U	1,3,5

COURSE: PY6CRT18 CHILD DEVELOPMENT

Category: Core	Lecture Hours: 4 Hrs	Type: Theory	Credits: 4
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Describe the process and Nature of child development	U	1
2	Relate the observations to current theories of child development	An	1,3
4	Evaluate various theoretical constructs explaining child development processes	Ev	1,2,3

COURSE: PY6CB01 THEORY AND PRACTICE OF COUNSELLING

Category: Choice - based	Lecture Hours: 3 Hrs	Type: Theory	Credits: 4
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Explain the process and techniques of counselling	U	1
2	Differentiate various approaches to counselling.	U	1,6
3	Evaluate the assumptions and issues of counselling and its applications.	Ap	1,2,6

COURSE: PY6 P02 PSYCHOLOGICAL ASSESSMENT

Category: Core	Lecture Hours: 8 Hrs	Type: Practical	Credits: 8
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Identify psychological instruments and techniques	An	1,2
2	Develop the skills of observation and scientific reporting in psychology	Ap	1,2,3
3	Develop interest in working in the community with a psychological outlook	Ap	1,2

COURSE: PY6 PR02 RESEARCH PROJECT

Category: Core	Lecture Hours: 2 Hrs	Type: Project	Credits: 2
CO No.	<i>Expected Course Outcomes</i> <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO
1	Construct research including literature review and generation of hypothesis	Cr	1,3,5
2	Formulate an appropriate research methodology	Cr	1,2,3,5
3	Produce final dissertation outcomes of a high professional standard	Cr	1,3,5

**NIRMALA ARTS & SCIENCE COLLEGE,
MULANTHURUTHY**
(Affiliated to MG University, Kottayam)

POST GRADUATE DEPARTMENT OF COMMERCE

OUTCOME BASED EDUCATION

PROGRAMME OUTCOME, PROGRAMME SPECIFIC OUTCOME,
COURSE OUTCOMES

Programme Outcome

PO No.	<i>Expected Programme Outcomes</i> <i>Upon completion of M.Com, the students will be able to:</i>	Cognitive Level
1	Acquire a deeper understanding of the field of commerce to pursue academic or professional careers	U
2	Utilise the knowledge and skills gained during the programme to conduct quality research to address socially significant issues	Ap
3	Develop critical thinking and problem-solving skills for future application in professional as well as personal life	Ap
4	Enhance group dynamics and communication skills for greater cooperation and teamwork in future life	C
5	Understand the role and applicability of acquired knowledge from the programme for the sustainable development of society, while upholding the ethics and values	Ap
6	Foster the ability to engage in self-directed, lifelong learning to update knowledge in variety of business -related domains	C

Programme Specific Outcome

PSO No.	<i>Expected Programme Specific Outcomes</i> <i>Upon completion of M.Com, the students will be able to:</i>	Cognitive Level	PO
1	Inculcating managerial skills and theoretical knowledge for managing business units with special focus on functional areas of business and management	Ap	3
2	Imparting advanced accounting knowledge and skills and provides awareness regarding latest developments in the field of accounting.	Ap	2
3	Enabling learners to acquire advanced theoretical knowledge on research methods and techniques and also developing capabilities in the application of research in solving business related problems.	Ap	2
4	Acquisition of expertise in specialized fields like finance, taxation, marketing, management and information technology.	U	1
5	Development of quantitative aptitude and analytical skills of the learner.	Ap	5
6	Facilitating learner to pursue career in professional areas of commerce and management such as taxation, financial services, consultancy etc.	Ap	1

SEMESTER - I

Course Code	CM010101
Title of the Course	SPECIALISED ACCOUNTING
Semester	One
Type	Core
Credits	4
Hours	5 per week and Total 90

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Providing an in depth understanding about theoretical and practical aspects of major Accounting Standards to apply the same in different practical situations.	Understand and Apply	PSO2
2	Ascertain the value of goodwill and value of companies based on the value of shares and compare the real value of shares and with the market prices and identify the mispricing.	Apply	PSO2
3	In depth understanding about the determination of purchase consideration in the event of amalgamation and to prepare post amalgamation financial statements	Apply	PSO2
4	Develop a clear understanding about different types of NBFCs, their provisioning norms and to understand the concept of NAV of mutual funds through its computation.	Evaluate	PSO2
5	Acquaint with the theoretical aspects of emerging areas in accounting	Understanding	PSO2

Course Code	CM010102
Title of the Course	ORGANISATIONAL BEHAVIOUR
Semester	One
Type	Core
Credits	3
Hours	5 per week and Total 90

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Basic understanding about the concepts of organisation behaviour.	Understanding	PSO1
2	A very good understanding about individual behaviour, personality and motivation.	Understand and evaluate	PSO1
3	Imparting deep understanding about group behaviour and leadership related to organisational behaviour.	Understanding	PSO1
4	Add the knowledge base of the learner regarding change management and deal with stress.	Evaluate and Apply	PSO1
5	Impart knowledge about the role of organisational culture and conflict on organizational behavior.	Understand and Apply	PSO1

Course Code	CM010103
Title of the Course	MARKETING MANAGEMENT.
Semester	One
Type	Core
Credits	4
Hours	5 per week and Total 90

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	The learner should have a basic understanding about concepts like customer centricity, CRM, value chain and customer delight.	Understanding	PSO 1,4
2	The learner should get a clear understanding about the market segmentation process and its applications in marketing strategies.	Understand and evaluate	PSO 1,4
3	Develop an idea about consumer behaviour and its impact.	Understand and apply	PSO 1,4
4	Good understanding about product line, product mix, brand equity, brand identity, brand personality and brand image.	Understand and Evaluate	PSO 1,4

5	Develop sound ideas regarding services marketing and service quality.	Understand and Apply	PSO 1,4
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Course Code	CM010104
Title of the Course	MANAGEMENT OPTIMISATION TECHNIQUES
Semester	One
Type	Core
Credits	4
Hours	5 per week and Total 90

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Develop theoretical understanding about various business optimisation models.	Understanding	PSO5
2	Ability to develop Linear Programming Models for business problems and Solve the same.	Apply and evaluate	PSO5
3	Application of Linear Programming in the areas of transportation and assignment.	Understanding	PSO5
4	Develop decision making skills under uncertainty, risk and replacement of assets.	Evaluate and Apply	PSO5
5	Understand and apply network analysis techniques for project implementation.	Understand and Apply	PSO5

Course Code	CM010105
Title of the Course	METHODOLOGY FOR SOCIAL SCIENCE RESEARCH
Semester	One
Type	Core
Credits	4
Hours	5 per week and Total 90

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Develop a thorough understanding about the basic concepts of social science research.	Understanding	PSO3, 5
2	After completing this module, the learner should be able to formulate a research design.	Understand and evaluate	PSO3, 5
3	After studying the theoretical aspects of sampling design, the learner should be able to draw a sampling design.	Understanding	PSO3, 5

4	Detailed knowledge about the instrument development, its validation and different forms of scaling.	Evaluate	PSO3, 5
5	Understand the technique of research reporting.	Understand and Apply	PSO3, 5

SEMESTER - II

Course Code	CM010201
Title of the Course	ADVANCED CORPORATE ACCOUNTING
Semester	Two
Type	Core
Credits	4
Hours	5 per week and Total 90

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	The learner should be able to prepare consolidated financial statements of group companies.	Apply	PSO2
2	Preparation of the financial statements of public utility companies and deal with the disposal of surplus.	Apply	PSO2
3	Develop and awareness on the procedure of bankruptcy under the recent Bankruptcy Procedure Code.	Understanding	PSO2
4	Familiarising the learner with the accounting procedures of liquidation of companies and preparation of various statements required as per the Companies Act.	Evaluate	PSO2
5	Basic understanding about the preparation of accounts of some special lines of businesses like shipping, hospitals and hotels.	Understanding and Apply	PSO2

Course Code	CM010202
Title of the Course	HUMAN RESOURCE MANAGEMENT
Semester	Two
Type	Core
Credits	3
Hours	5 per week and Total 90

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Acquaintance with basic concepts of HRM and performance appraisal.	Understanding	PSO1
2	Understanding about human resource development, stress management and work life management.	Understanding	PSO1
3	High level knowledge about various aspects of training.	Understanding	PSO1
4	Understanding about various aspects of industrial relations so as to evaluate the real cases of industrial relations.	Evaluate	PSO1
5	Understanding about HR outsourcing HR accounting and HR audit.	Understanding	PSO1

Course Code	CM010203
Title of the Course	INTERNATIONAL BUSINESS AND FINANCE
Semester	Two
Type	Core
Credits	4
Hours	5 per week and Total 90

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Familiarisation with globalisation, internationalisation of business and the international business environment.	Understanding	PSO1, 4
2	Understanding about theories of international trade, trade barriers and trade blocks.	Understanding	PSO1, 4
3	Imparting idea about various economic institutions related to international trade.	Understanding	PSO1, 4

4	Achieve high level knowledge about various aspects of international monetary system.	Understanding and Evaluate	PSO1, 4
5	Develop an understanding about the international investment environment.	Understanding	PSO1, 4

Course Code	CM010204
Title of the Course	QUANTITATIVE TECHNIQUES
Semester	Two
Type	Core
Credits	4
Hours	5 per week and Total 90

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	This course intends to give understanding about the applications of quantitative techniques.	Understanding	PSO3, 5
2	This course intends to give understanding about the applications of quantitative techniques.	Understanding	PSO3, 5
3	After learning this course, the student should be in a position to identify appropriate parametric test for testing the hypotheses.	Apply	PSO3, 5
4	The learner should be equipped with the skills to identify the most suitable non parametric test for testing a hypothesis.	Apply and Evaluate	PSO3, 5
5	The learner should be equipped with the skills to apply the principles of SQC	Understanding	PSO3, 5

Course Code	CM010205
Title of the Course	STRATEGIC MANAGEMENT
Semester	Two
Type	Core
Credits	4
Hours	5 per week and Total 90

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Strong understanding about the theoretical foundations of strategic management.	Understanding	PSO1
2	Clear understanding about various models of environmental and internal analysis.	Understanding	PSO1
3	Development of an idea about the strategy formulation process at the corporate level.	Understand	PSO1
4	Familiarization with various tools strategic planning and evaluation.	Evaluate	PSO1
5	Understanding about the modes of implementation and control of strategies.	Understanding	PSO1

Course Code	CM010301
Title of the Course	STRATEGIC FINANCIAL MANAGEMENT
Semester	Three
Type	Core
Credits	5
Hours	6 per week and Total 108

SEMESTER III

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Learn the theoretical foundations of financial management and financial management decisions.	Understand and Remember	PSO4
2	Evaluate the feasibility of different options regarding discount, credit period, storage cost etc related to current assets and current liabilities and estimate working capital Requirements.	Evaluate and Apply	PSO4
3	Evaluate long term proposals and evaluate the risk associated with long term investment.	Evaluate and Apply	PSO4
4	Evaluate the decisions regarding leasing of Capital assets.	Evaluate and Apply	PSO4
5	Evaluate and Compare the performance of Business entities.	Evaluate and Apply	PSO4

Course Code	CM010302
Title of the Course	INCOME TAX - LAW AND PRACTICE
Semester	Three
Type	Core
Credits	5
Hours	7 per week and Total 126

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Acquire knowledge regarding the basic concepts of Income Tax.	Remember	PSO4, 6
2	Able to compute the income from salary and house property.	Understand, Apply	PSO4, 6

3	Determine taxable profit of a business or profession.	Understand, Apply	PSO4, 6
4	Able to compute capital gain and income from other sources.	Understand, Apply	PSO4, 6
5	Able to calculate Gross Total Income of an individual.	Understand, Apply	PSO4, 6
6	Learner shall be able to determine eligible deductions and compute Taxable Income and tax liability of an individual.	Understand, Apply and Evaluate	PSO4, 6

Course Code	CM010303
Title of the Course	SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT
Semester	One
Type	Core- Elective
Credits	4
Hours	6 per week and Total 108

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Able to understand the concepts of investments, different types of investments, views of investment and process of investment and apply the theoretical knowledge in investment information for selecting the securities.	Understand and Apply	PSO4, 6
2	Understanding the types of risk in security market and Applying various tools for the valuation of bonds as well as economic indicators to predict the market.	Understand and Apply	PSO4, 6
3	Understand the tools of technical analysis, analyse the patterns and trends in the market by using various tools and enable to take investment decisions after understanding market efficiency level also.	Understand , Evaluate and Apply	PSO4, 6
4	Applying Modern portfolio theories and construct optimum portfolios.	Understand, Apply and	PSO4, 6
5	Revising constructed portfolios as per risk and return association by using different strategies.	Understanding	PSO4, 6

Course Code	CM800301
Title of the Course	INDIRECT TAX LAWS
Semester	Three
Type	Core-Elective
Credits	4
Hours	6 per week and Total 108

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Understand the basic concepts of the Goods and Services Tax	Understanding	PSO4, 6
2	Develop a clear idea about the levy and collection of tax and tax credit	Understanding	PSO4, 6
3	Develop the knowledge about the provisions regarding registration , preparations of books of accounts and filing of returns under the Act	Understand and Apply	PSO4, 6
4	Understand about the powers of GST authorities regarding inspection, search and seizure	Understanding	PSO4, 6
5	Basic understanding about the Customs Law in India.	Understanding	PSO4, 6

SEMESTER – IV

Course Code	CM010401
Title of the Course	ADVANCED COST AND MANAGEMENT ACCOUNTING
Semester	Three
Type	Core
Credits	4
Hours	6 per week and Total 108

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Apply activity based absorption methods instead of conventional absorption method.	Apply	PSO1, 2

2	Apply the marginal costing principles in decision making situations of businesses.	Apply	PSO1, 2
3	Dealing with practical cases of pricing decisions in different situations	Evaluate	PSO1, 2
4	Understand the concepts of standard costing, and the process of cost control through it.	Understanding and apply	PSO1, 2
5	Deal with the practical issues related to transfer pricing	Apply	PSO1, 2

Course Code	CM010402
Title of the Course	INCOME TAX – ASSESSMENT & PROCEDURES
Semester	Four
Type	Core
Credits	4
Hours	7 per week and Total 126

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Compute the total income and tax liability of firms and Association of Persons	Understand & Apply	PSO4, 6
2	Carry out assessment of companies and determine their tax liability	Understand & Apply	PSO4, 6
3	Make the assessment of co operative societies and trusts.	Understand & Apply	PSO4, 6
4	Understanding about the assessment procedures, TDS and advance payment of tax and application in various situations	Understand & Apply	PSO4, 6
5	Learn tax planning concepts and apply the same	Understand & Apply	PSO4, 6

Course Code	CM800401
Title of the Course	DERIVATIVES AND RISK MANAGEMENT
Semester	Four
Type	Core-Elective
Credits	4
Hours	6 per week and Total 108

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
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1	Knowledge about the derivative market in India, its evolution, types, players, risks involved and basic quantitative foundations	Remember and Apply	PSO4, 6
2	Analyze the implications of Risk in the perception of individuals and Institutions and measurement of risks	Analyse and Apply	PSO4, 6
3	Understand and explain the concept of forward market and its function ,	Understand	PSO4, 6
4	Analyse the operation and pricing of various types of futures	Analyse, Creative	PSO4, 6
5	Understand the concepts and methodology of option trading and apply the models of pricing the option contracts	Understand, analyse and Creative	PSO4, 6
6	Develop an idea of exchanges through swaps	Understand and apply	PSO4, 6

Course Code	CM800402
Title of the Course	PERSONAL INVESTMENT AND BEHAVIOURAL FINANCE
Semester	Four
Type	Core
Credits	4
Hours	6 per week and Total 108

Course Outcome No	Expected Course Outcome	Cognitive Level	PSO
1	Understand the meaning and significance of Financial literacy, Financial Discipline & Financial Competency, the role of family and parents in financial socialisation	Understand and Evaluate	PSO4, 6
2	Understand and Evaluate the Significance of savings on financial destiny and its relationship with Consumerism and to understand the different elements/steps in Personal Financial Planning to attain Financial Well Being and Evaluate the different retail investment avenues.	Understanding & Evaluate	PSO4, 6
3	Know the meaning of Behavioural Finance, its evolution and related theories	Understand & Remember	PSO4, 6
4	To understand different Heuristics, Biases and other Irrational Investment Behaviours	Understanding and evaluate	PSO4, 6
5	Understand the relationship between biases and to adopt techniques to lower the impact of biases	Understand & Apply	PSO4, 6