Course Outcome

DEPARTMENT OF TAMIL

பாடத்திட்ட விளைபயன்

தமிழ் மமாழியும் இலக்கியமும்

எவ்வொரு இலக்கியமும் தொன் படைக்கப்பை்ைக் கொலத்தின் மக்கள் வொழ்வியடலப் பைய்பிடித்துக் கொை்டும். அவ்வடகயில் எளிடமகருதி இக்கொல இலக்கியங்கள் வதொைங்கி சங்ககொல இலக்கியங்கள் வடைபொைத்தின் வகுக்கப் பற்றுள்ளது. மொணவை்களின் ஆை்வத்டதத் தூண டும் வடகயில் இலக்கியங்களின் வவவறுப்பை்ைம் அடமந்துள்ளது. இதன் மூலம் மொணவை்கள் வமொழியறிவுைன் தன்முன்வனொைின் வமலொன பண பொை்டுநொகைீகங்கடள அறிந்துவகொள்ளமுடியும். நல்லிலக்கியக் கருத்துகள் மூலமொக நன்மொணொக்கைின் நைத்டதவமம்படும். அது கொலந்வதொறும் வதொைை்ச்சியொக நல்ல பண பொை்டு, நொகைீகச் சிந்தடனகடள விடதத்துக் வகொண வைவசல்லும்.

முதலாமாணடு - மது படும(CLA1L)

அக்கது - 1

துத படும பொைல்களின் புகழ்பெற்று விளைபயன் இது. நிகழக கூட்டத்தைக் கொலம் பாதுகாப்பதற்கு, சிறந்த பாதுகாப்பு மக்களின் வசாதிப்புகளுடன் அருமை செய்யப்பட்டுள்ளது. கூட்டத்தைக் கொலம் பாதுகாப்பு மக்களின் ஸ்ரீ தொன் படைக்கப்பை்ைக் கொலத்தின் மக்களின் பொழுது இருந்து இடைவாசித்து விளைக்கப்பட்டது. நிகழக கூட்டத்தைக் கொலந்வதொறும் வமழியும் உருவொகும் கடதகள், கடதப்பொைல்கள் என அந்தக்கொல மக்களின் குழந்தகளின் மனவவழுச்சி வளை்ச்சிக்கும் அந்தக்கொல நல்வழிப்படுத்தவும் உதவின என்படத அறிவவதொடு மொணவை்கள் தங்கடள நல்வழிப்படுத்திக் கொள்ளவும் உதவுகின்றன.

அக்கது - 2

எனினும் பாதுகாப்பு மக்களின் புகழ்பெற்று கடகு, கட்டு, படுமான், கூட்டத்தைக் கொலம் பாதுகாப்பு மக்களின் வசாதிப்புகளுடன் அருமை செய்யப்பட்டுள்ளது. கூட்டகத் தொன் படைக்கப்பை்ைக் கொலத்தின் மக்களின் பதிலிங்கும் நிறையான செயற்கையான அருமை தொன் படைக்கப்பை்ைக் பாதுகாப்பு மக்களின் கற்பதன் மூலம் கொடுக்கப்படுகின்றது.

அக்கது - 3 குறிப்பிடும்
பொைதியின் கவிடதகள் கற்படனவளம் மற்றும் மனா உறுதிடயக் கூடியடவயொக உள்ளன.

பொைதிதொசனின் கவிடதகள் மூன்றுவம் மொணவை்களிடைவய வமொழிப்பற்றுமற்றும் இனப்பற்றற ஊை்டுவாமந்துள்ளதன.

கவிமணி அவை்களின் கவிடத ஆற்றின் பயன்பொடுகளும் அது உருவொகும் முடறடமமற்றும் ஆற்றின், முக்கியத்துவம் குறித்தும் மொணவை்கள் அறிந்துவகொள்ளும் விதமொக.
பிறவமொழிகள் குறந்து பலங்கொன்று இறங்காத குறியீட்டு அறிவைப் பதிவுசெய்யக்கூட்டும் பார்வையில் பல பொருள்கள் வருமாறு மதிப்பிட்டு முடியாது வருமாறு நேர்முறையிலும் குறிப்பிட்டு முடியாது அறியப்படுகின்றது.

(3) விளகுகளின் பலகை (CLA2H)

அலகு - 1 சிற்றிலகுப் பகுதியும்

சிற்றிலகுப் பகுதியும் விளகுகள் அக்குறிச்சிக்கு குறிப்பிட்டு அறியப்படுகின்றன.

சிற்றிலகுப் பகுதியில் சுருக்கம் செய்யப்பட்டு நேர்முறையில் விளகுகள் குறிப்பிட்டு அக்குறிச்சிக்கு விளகுகளை அறியப்படுகின்றது.

அலகு - 2

சிற்றிலகுப் பகுதியும் சுருக்கம் செய்யப்பட்டு நேர்முறையில் விளகுகளை அறியப்படுகிறது.

அலகு - 3

சிற்றிலகுப் பகுதியும் சுருக்கம் செய்யப்பட்டு நேர்முறையில் விளகுகளை அறியப்படுகிறது.
பிள்ளளத்தமிழின் மூலம் கற்றுள்ள இலக்கியத்தினுடைய அடமப்டபயும் சிறப்டபயும் அறிகிற் கைளை்கள்.

அலகு – 1

இந்நூல் நல்லவை்களுக்கு ஏற்படும் தீடமொண்கூற்றில் நீங்கக்கூடியது, "அறவம் வவல்லும்" என்று உண்டமடயயும் மொணவை்களுக்கு எடுத்துடைக்கிறது.

அலகு – 2

சீறொப்புைொணம் கைவுள்ள ஒருவவை என்பது எல்லொமதமும் வலியுறுத்தும் முதன்டமயொன் கருத்தும்.

அலகு – 3

வமொழிப்பயிற்சி மொணவை்கள் பழடமயொன் தமிழ்ச் சொற்களுக்கு நிகைொன் புதிய வசொற்கடளக் கற்கிறொை்கள். வமொழியில் ஒருடம் பன்டம வவறுபொை்டையும் அறிகிறொை்கள்.
தங்களின் நிலை பரிமாற்றத்திற்கு பிறப்பு பெற்றுள்ளது விளக்கத்தில் அகற்றுவதற்கான வேதியியல் காரணத்தில் அரங்கச் சந்திக்கப்படக்கூடியவைகள் வைக்கப்படவுள்ளன மூலமாக இன்று காணப்படுகின்றன.

முடிவுகளில் நீண்டப்பிட்டிய குறுக்கு வழியே பருவத் தீர்க்கப்பட்டு பொருள்களின் வகைக்கான விளக்கத்தில், தமிழ் இராசரியா திறன் மறுசைக்கப்பட்டு அறிவு மற்றும் தமிழ் வழிகாட்டத்தில் பொருள்களின் வகைக்கான காலங்களில் காணப்பட்டன.

அடுத்த 4

காலஷங்கு அமைப்பால் புராணம் வழியே வருமாறு தமிழ்ப்பிட்டியத்தில் பகுதியும் அதிகாரங்களும், அமைப்பாலும் இன் பொருள்களில் மூலம் அறிந்துபிடித்த அறிவியல்

அடுத்த 5 மறுசைக்கான வழிகாட்டு

முக்கியமான வருடங்களில் பெரும்பாலும் விளக்கத்தில் குறிப்பிடுவதற்குத் தொடர்புடைய விளக்கத்தில் அலம் பன்னாட்டின் வழியே பைண்ட் மறுசைக்கான விளக்கத்தில், தொடர்புகளில் வருமாறு அறிந்து முடிகிறது அனைத்தும் வல்லாருக்கு குறிப்பிட்டுக் கூறப்பட்டுள்ளது.

அடுத்த 6 பொருளியக்கத்திய

காலம் வைரியறிவில் வேர்கினி தன்னில் காண முக்கியமான பல்வேறு அரசிகளில். காலம் பின்னர் நவராசரியில் அலுவலங்காரக்களை வருமாறு இவ்வளமை கூட்டம் மாற்றிய உணவுகளின் வகைக்கான சிறப்டி கொண்டு பதிவுகளில் சுமார் கூறப்படும் குறிப்பிட்டுக் கூறப்பட்டுள்ளது.

இரண்டாம் தகவல் - காலம் பல்வேறு (CLA4K)

அடுத்த 1 காலம் தலைமை பரிசா

சீரான தூடுவகிகளின் தலைமை வேதியியல் நிலை காலம் மறுசைக்கான பயணமாக, பைண், மீன், வமந்தல், ரூப மறுசைகளின் விளக்கம், அதாவும் சீரான தூடுவகிகளின் பதிவுகளில் வேகமாக வைக்கப்பட்டுள்ளன. சீரான தூடுவகிகளின் பதிவுகளில் முக்கியமான சில காலம் வைக்கப்பட்டுள்ளன. சீரான தூடுவகிகளில் வேதியியல் வைக்கப்பட்டுள்ள காலங்களில் அறிவியல்.

அடுத்த 2 குறிப்பிட்டுக் கூறப்படாத
சங்கிலக்கியங்களில் இருந்த அகம் புறம் வந்து விளங்கிக்கொண்ட புதியம் திற அறப்பிடிகள் உறுப்புக்கு வந்து கன்னியாண்டு செய்யும் நிறைவுகடளப் பற்றியும் நிலையை வரை மக்களின் வொழ்க்டகமுடறுபடுவாய் முடியும், பண டையின் தமிழைகளின் வீர்வக்குள்கள், திருமணமுடறு, சைங்குகள் ஆகியவற்றும் பற்றியும் அறிந்துவகைகள் வரை முடியும்.

அலகு – 3 பக்கமாற்றம்

தமிழில் இலக்கியங்களில் இருந்த அகம் புறம் என்ற பிைவுகடளப் பற்றியும் நிலையை வரை மக்களின் வொழ்க்டகமுடறுபடுவாய் முடியும், பண டையின் தமிழைகளின் வீர்வக்குள்கள், திருமணமுடறு, சைங்குகள் ஆகியவற்றும் பற்றியும் அறிந்துவகைகள் வரை முடியும்.

அலகு – 4 பிளவளக கப்பிலாக்கம்

சிற்பப்பிறயம் : காண்பாற கும்பரகிலித தமிழககளப்பில், மூன்று பக்கமாற்றமாலை நிலையை வரை மக்களின் வொழ்க்டகமுடறுபடுவாய் முடியும், கல்வி வகள்வின் முக்கியத்துவமும் அருகியின்ல கவை வகையிலிங்கண்டதை சுருக்கியும், வெளியில் இருந்து தமிழை மூன்று பக்கமாற்றம் செய்து குடியை வரை முடியும், குடியை வரை முடியும்.

அலகு – 5 பிளவளகத் தமிழ் – முதல் பருவம் (NLT1C)

முன்னணியில் மூன்று பக்கமாற்றம் இருந்து மூன்று பக்கமாற்றம் இருந்து தமிழை பார்வை வகை கூறியும் மூன்று பக்கமாற்றம் இருந்து தமிழை வகை கூறியும், மூன்று பக்கமாற்றம் இருந்து தமிழை வகை கூறியும் மூன்று பக்கமாற்றம் இருந்து தமிழை வகை கூறியும்.
DEPARTMENT OF HINDI

Year/Semester: I/I  Subject Code: CLE1E
Subject Name: Foundation Course in Hindi

CO1: They learn about Discipline and Culture
CO2: They learn about Friendship and its Importance
CO3: Motivating the Students by Vivekananda’s Speech
CO4: Preservation of Food and Fruit Items Method
CO5: According to One’s qualification one should choose Profession – Methods – Implementation

Year/Semester: I/II  Subject Code: CLE2G
Subject Name: One Act Play, Short Story and Translation

CO1: Aurangzeb’s Self Realization after the battle – Blood Relation – Relation - Financial Matters
CO2: Creating awareness about the values of Marriages and Struggle of Life
CO3: Making the students to know about the Importance of the Money matters that money alone is not the surrounding factor.
CO4: Low Grade Welfare Society – Meeting – Construction of Buildings – Planning but not Succeeding – Importance of conducting meeting and not to miss the main agenda
CO5: Translation – Theory and Practice, Story – Zest, Classification and Characterization

Year/Semester: II/III  Subject Code: CLE3H
Subject Name: Ancient Poetry and Hindi Literature

CO1: Saint Kalidas Couplets – Creating awareness about the Devotion, Moral Values etc
CO2: Classification of History of Hindi Literature into Four Periods – Introduction, making the students to adopt Life Values

CO3: Rambhakti, Krishnabhakti – Lord Rama and Krishna’s Life History Creating Awareness

CO4: Reetikal and its main classification Biharilal, Bhushan and Ghananatd and their stanza hoe far useful in one’s life values

CO5: Meerabai and Jiruvalluvar’s teachings letting the students to know about the sacrifice and life leading methods

**Year/Semester: II/IV**

**Subject Code: CLE4J**

**Subject Name: Modern Literature & Poetry**

CO1: Through Jaishankar Prasad’s poem ‘Aasha’ giving and making the scope to hope more in life cycle

CO2: Literary trends of Chayavaad and Pragativaad, Personification and Progress in human life

CO3: Importance of future and it’s narration by Agarwal

CO4: New trends of Nayee Kavita and short stories – Creating awareness about the Modernism

CO5: Modern Authors and their works and importance of writing, awareness, imagination, separation, thinking methods – Patriotism – Importance and implementation

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**DEPARTMENT OF Sanskrit**

**Year/Semester: I/I**

**Subject Code: CLG1E**

**Subject Name: Poetry & Grammar**

CO1: Students acquire the basic knowledge about Sanskrit Language

CO2: Morals and Values learn from Subhashitani

CO3: They also acquire about “Panch Maha Kavyas”

CO4: Translated verses of Thirukural make students enlighten about Education Values

CO5: Students acquire the present tense and basic grammar

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**Year/Semester: I/II**

**Subject Code: CLG2G**

**Subject Name: Prose**

CO1: They acquire the Prose Literature History

CO2: Usage of “Ikarantha Shabdas (Feminine Words)

CO3: Students acquire the values of Panchatantra and Hitopadesa (from small stories)

CO4: They are now able to construct the sentences in future tense

CO5: They also able to know History of Champu Kavyas
Year/Semester: II/III  Subject Code: CLG3H
Subject Name: Drama

CO1: Describe the rules of Drama
CO2: They also able to recollect the story of Madhyama Vyayoga
CO3: Students acquire the types of drama and other characters of Sanskrit drama
CO4: They now know to use the past tense
CO5: Dramas of Kalidas, Bharavi and Harsha Vardhan also they can recall

Year/Semester: II/III  Subject Code: CLG4J
Subject Name: Alankara, History of Sanskrit Literature & Translation

CO1: They are now elevated to the advance level in the Sanskrit Language
CO2: Alankaras and its Types examples easily identified
CO3: They now able to remember the significance of Ramayana and Mahabharata
CO4: Tales tables and devotional literature also acquired
CO5: In the end of the foundation course, students are able to read, write and understand the Sanskrit language. They also understand the Sankrit language. They also can go for the specialized course ahead.

DEPARTMENT OF FRENCH
COURSE OUTCOME

Semester I  Subject code: CLK1K
Subject Name: Foundation French

C.O1: The students acquire the basic communication skills.
C.O2: They are able to greet others, introduce themselves and introduce others.
C.O3: They are able to express their likes and dislikes and also express simple experiences.
C.O4: They acquire a sound knowledge of the verbs of the preliminary dialogues.
C.O5: They get equipped with the initial grammar components such as the number and gender of nouns

Semester II  Subject code: CLK2L
Subject Name: Foundation French
C.O1: The students move to the next level of communication skills- initiating simple dialogues in various situations.
C.O2: The necessary usage of verb for theses dialogues (present tense, past tense and the past continuous tense) are acquired by the students.
C.O3: Adapting to the language acquisition (as would the native speakers) is a gradual but familiar initiative by this semester.
C.O4: Cultural aspects of several French speaking countries are assimilated.
C.O5: The students become more confident and comfortable about the numbers in French- oral and written.

Semester III
Subject code: CLK3M
Subject Name: Foundation French

C.O1: The students are able to handle complex sentences.
C.O2: They are able to write letters in detail about festivals, recipes and travel experiences.
C.O3: Using different pronouns correctly becomes easier with continued working with the language.
C.O4: Advanced forms of the verbs’ usage (le subjonctif, le futur) become familiar and comprehensible.
C.O5: Listening skills improves, so also their speaking skills, as they constantly attempt to participate in the activity-based learning.

Semester IV
Subject code: CLK4N
Subject Name: Foundation French

C.O1: The confidence level of the students improves satisfactorily as they can actively participate in the French oratorical and essay writing competitions held during the even semester.
C.O2: Project presentation as a team becomes possible. As a co-curricular activity, they are now able to present several aspects of the French culture, transport, educational system, political system, food and cinema as a seminar or PowerPoint presentation.
C.O3: Faster understanding of oral delivery and easier assimilation of new texts become possible.
C.O4: Assimilating the concepts in French when taught in French is a more frequent exercise as there is spontaneity in the participation by the students.
C.O5: At the end of the Foundation Course, with a paradigm shift, the French language ceases to be the destination; instead it becomes the means to newer opportunities. The students may now take up Certificate or Diploma courses in the foreign language, or may even consider venturing into advanced higher educational programmes in the French language.

DEPARTMENT OF ENGLISH
SEMESTER - 1  SUBJECT-CORE – BRITISH LITERATURE -I  SUBJECT CODE – BRA1A

The learner will

- Get a complete picture of early English literature
- Show understanding of Elizabethan and Augustan prose writers
- Distinguish different types of sonnets and epic poetry
- Recognise features of Elizabethan drama
- Show understanding of dominant literary forms of the Age
- Demonstrate understanding of early novels and Oliver Goldsmith’s contribution to English Literature

SEMESTER - 1  SUBJECT-ALLIED – BACKGROUND TO THE STUDY OF ENGLISH LITERATURE I  SUBJECT CODE – BRB1A

The learner will

- categorize subjective and objective poetry
- examine the various genres of poetry
- apply the various figures of speech in the prescribed texts
- Itemize the different types of essays
- Validate the work of biographies and autobiographies
- Identify and evaluate Travel Writing

SEMESTER - 2  SUBJECT-CORE – BRITISH LITERATURE - II  SUBJECT CODE – BRA2A

The learner will

- Get an insight into the much famed representative pieces of British poetry
- Develop an interest in further the reading of classical British poetry
- compare the classical models with the contemporary developments
- identify the theatre inclination typical of the learners of literature
- Aim to stage dramas out of the prescribed text
- situate texts in their cultural and historical contexts as depicted in the dramas

SEMESTER - 2  SUBJECT-REGIONAL INDIAN LITERATURES IN TRANSLATION  SUBJECT CODE – BRA2B

The learner will

- Get a complete picture of classical Indian aesthetics including ‘Agam’, ‘ Puram’ and nine rasas
• Get sensitised about the Agam and Puram concepts in Tamil.
• Procure knowledge of representative poetic translations from across the country’s varied regional contributions
• Appreciate and show understanding of literatures from north south west and east Indian writers translated into English
• Distinguish contemporary Indian drama from other forms of writings

• Be provided exposure to the ethnographic details presented in the novel
• Develop a critical understanding of how literature can both uphold and resist existing structures of power.
• Appreciate the various aspects of the novel.

SEMESTER - 2                SUBJECT-ALLIED- BACKGROUND TO THE STUDY OF ENGLISH LITERATURE- II                SUBJECT   CODE – BRB2A

The learner will

• Assess various types of novels
• Comment on the features of novels
• Analyze the plot and characterization in a novel
• Visualize the Victorian life through the literature of the age
• Analyse their lives and works
• Contrast with other essayists especially their predecessors
• Identify their themes
• Evaluate individual works
• Understand the elements of drama and its origin
• Identify the types of drama
• Comment on the theme and style of writing

SEMESTER -3                SUBJECT-CORE - BRITISH LITERATURE- III                SUBJECT   CODE – BRA3A

The learner will

• Get a clear picture of socio political scene of twentieth century England
• Express understanding of early twentieth century essays of T.S.Eliot and Henry James
• Distinguish different forms and scenes of early twentieth century poetry including religion, war, pessimism and post modernism
• Identify the fun aspects of learning English language through Shaw’s play
• Appreciate and express understanding of the treachery of Stalinist Russia as expressed by George Orwell

SEMESTER - 3 | SUBJECT- CORE - MODERN ENGLISH
LANGUAGE AND USAGE | SUBJECT CODE – BRA3B

The learner will

• Trace the evolution of Standard English
• Interpret and differentiate Good English, Received Standard and Modified Standard
• Point out the main features of standard Language
• Differentiate accent and dialect
• Define style, slang and jargon
• Identify regional dialects
• delineate the history of English language
• recognise the evolution of Standard English
• identify different varieties of English
• show understanding of regional variations in the English language
• demonstrate understanding of grammatical classes and categories
• use English in different contexts
• show understanding of the changes in English in the Information Age
• demonstrate the use of English in internet.

SEMESTER - 3 | SUBJECT – ALLIED- MYTH AND LITERATURE
SUBJECT CODE – BRB3A

The learner will

• Get a clear picture of the beginnings of Myth and legends
• Appreciate and show understanding of natural phenomena as Myth
• Distinguish teachers of Greek and Roman mythology
• Differentiate celtic mythology from other migrant british mythology
• Show understanding of the legend of british medieval society

• Show understanding of Indian mythology through the two great epics
• Show understanding of Indian mythologies through puranas and Vedas

SEMESTER – 3 | SUBJECT- COMPUTING SKILLS –1 | SUBJECT CODE- TSSE1
The learner will

- Understand the basics of computers
- Distinguish the components of a computer
- Show understanding of the various features in a system and their uses
- Practically try some of the functions in a computer
- Show a great enthusiasm in trying out the functions in MS Word, Excel, Power point presentations, emails etc.

SEMESTER - 4       SUBJECT-CORE   AMERICAN LITERATURE- I
SUBJECT   CODE-BRA4A

The learner will

- Have a background of American literature
- Examine the various isms of the period
- Analyze the various branches of Christianity
- Visualize the American life through the short stories
- Identify their themes and other literary elements

SEMESTER - 4       SUBJECT-CORE   - GREEN STUDIES       SUBJECT
CODE – BRA4B

The learner will

- Get an awareness about the eco system, the relationship between man and nature
- Demonstrate an understanding of ecology, food chain, environmental justice, eco feminism, eco-criticism, and oikos.
- Study and interpret literature from ecological and eco critical point of view

SEMESTER - 4       SUBJECT–ALLIED – INTRODUCTION TO       SUBJECT
CODE – BRB4B

THE STUDY OF LANGUAGE AND LINGUISTICS

The learner will

- Specify and analyse the various organs of speech
- Identify the vowels and consonants in a word
- Specify the syllabic structure
- Transcribe phonemically
- Define language and show understanding of the importance of linguistic study
- Recognize different aspects of the sounds in English
- Transcribe English words using IPA
- Show their understanding of different approaches to Grammar
- Describe the structure of English language
- Disambiguate sentences using specific theories
- Express understanding of word forms and word formation
- Explain the significance of meaning in Linguistic studies
SEMESTER - 4  SUBJECT – Computing Skills –II  SUBJECT CODE-TSSE2

The learner will

• Have a basic knowledge in computers
• Apply Microsoft office essentials

SEMESTER - 4  SUBJECT- Environmental Studies- ENV4A

• Get awareness about the environmental problems
• Get awareness about the imbalance in the ecological system
• Recognize ways to save our planet from various environmental destructions like pollution, global warming

SEMESTER - 5  SUBJECT-CORE - AMERICAN LITERATURE II
SUBJECT CODE – BRA5A

The learner will

• show understanding of the impact of world war II in American society
• analyse Harlem Renaissance and multiculturalism in American Literature
• visualise American poetry with its wide range of scenes and images
• Analyse the impact of War on American economy in early twentieth century through Arthur Miller’s play
• Appreciate and examine the features of American thought through the short story
• Show understanding of American narrative writing

SEMESTER - 5  SUBJECT-CORE - POST COLONIAL LITERATURE IN ENGLISH: AUSTRALIAN LITERATURE
SUBJECT CODE – BRA5B

The learner will

• Evaluate the post colonial tendency in Australian writing
• Show understanding of impact of colonisation in Australia through Douglas Stuart’s play
• Analyse the conflict between the natives and the colonisers through the short story
• Get a clear picture of wide range of Australian poetry
• Visualise Australian culture through literary narratives
• Express their understanding of Myth and legends of Australia

SEMESTER - 5  SUBJECT CORE- WOMEN’S WRITING
SUBJECT CODE – BRA5C

The learner will
Show understanding of contemporary women’s issues
Show understanding of the three waves of feminism
Demonstrate an understanding of patriarchy and stereotyping
Analyse the awareness of women’s rights in early 19th and 20th centuries
Show understanding of expression of women’s predicament from across the world through poetry
Express understanding of women’s issues through Susan Glasgell’s play
Highlight women’s opinions through Indian women’s short stories.

SEMESTER - 5   SUBJECT CORE- INTRODUCTION TO LITERARY THEORIES
SUBJECT CODE – BRA5D

The learner will

• Describe the main features of Post Modernism
• Analyse the theories of different writers
• Classify the nuances of Psycho analytic criticism
• Trace the growth of Feminism
• Evaluate the individual works of Feminist writers
• Comment on Marxist Criticism
• Estimate the works of different writers
• Apply the theories in the prescribed texts

SEMESTER - 5   SUBJECT-ELECTIVE – INTRODUCTION TO TRANSLATION STUDIES
SUBJECT CODE – BRE5A

The learner will

• Define translation
• Express understanding of translation and culture
• Narrate the history of translation
• Raise issues in translation
• Highlight the problems of equivalence and gender in translation studies
• Show understanding if formal and dynamic equivalence in translation
• Compare translations of a text by two different translators

SEMESTER - 6   SUBJECT -CORE – CONTEMPORARY LITERATURE
SUBJECT CODE – BRA6A

The learner will

• Show understanding of the roles of multiculturalism and globalization in contemporary literatures
• Demonstrate understanding of different standpoints and opinions of writers regarding contemporary issues
• Appreciate the poetry on contemporary issues of the world
• Show understanding of organ trafficking and exploitation of poverty in the third world countries
• Show understanding of different ethnic traditions of the world and their status today.
• Recognise writers opinions on acculturation in a globalised world
• Show understanding of fantasy and fiction through literary narratives

SEMESTER - 6 SUBJECT CORE - POST COLONIAL LITERATURE IN ENGLISH III: CANADIAN LITERATURE

CODE – BRA6B

• Get an introduction about Canadian literature
• Study it from Post Colonial perspective
• Know the special features of it
• Have a better understanding of Canadian Culture
• Analyse the plight of women in Male Chauvinistic society
• Identify Gender Race and religious discrimination

SEMESTER - 6 SUBJECT-CORE – SHAKESPEARE

SUBJECT CODE – BRA6C

The learner will

• Show the understanding of the elements of Shakespearean theatre to the learners
• Cultivate an interest in understanding other plays of Shakespeare.
• Develop analytical skills in Shakespearean criticism
• Analytically approach Shakespeare’s drama
• Develop an interest to perform dramas
• Get a deeper insight into the life and times of Shakespeare
• Get the experience of his plays
• Appreciate Shakespeare’s wisdom of dramatic creations
• Know about his teachings about life and people

B.A. ENGLISH LITERATURE - LEARNING OUTCOMES

SEMESTER - 6 CORE SUBJECT - Elective Paper-II - World Literature in Translation

SUBJECT CODE – BRE6A

The learner will

• Estimate a Greek play
• Compare the work with other Greek Tragedians
• Evaluate the structure of Greek Plays
• Compare the different texts
• Analyze the characters in the prescribed short stories

Discuss the various themes

SEMESTER - 6 SUBJECT - ELECTIVE - JOURNALISM
SUBJECT CODE – BRE6B

The learner will

• Show understanding of the basic concepts of Journalism
• Know the brief history of Journalism in India
• Demonstrate an understanding of the importance of the Press as a mass media
• Identify the significance of the Press in a democracy
• Comprehend the functioning of the Press Laws
• Differentiate the types of news and their significance
• Distinguish and analyze the roles played by the reporters and editors of a newspaper
• Demonstrate an understanding of the ethical and political responsibilities of the press
• Exhibit knowledge of digital technologies
• Highlight the crucial role played by radio and television broadcasting
• Get a deeper insight into the current trends in the social networking and the power of the social networking websites.

SEMESTER - 6 SUBJECT - VALUE EDUCATION SUBJECT CODE- VAE6Q

The learner will

• Get a deeper insight into the values of life
• Distinguish between ethics and morals
• Understand and appreciate the model developed by Dr. A.P.J. Abdul Kalam
• Identify the ethics at work place
• Exhibit a positive approach to life
• Develop a sense of responsibility in life

PART – II ENGLISH
Subject Code: CLZ1K/ CLZ1L
Part II English
Course Outcome

• Encourage students to take up study of poems, short stories, articles and novels on their own.
• The ability to analyze, interpret, and understand complex texts: oral, printed, and visual, from older traditions and new media alike.
• To motivate and encourage the students to realize their potentiality
• The master the various aspects of English language.
• The ability to think critically about the various aspects of ancient and modern literature.
• To extrapolate, analyse and interpret various genres in English language.

Subject Code: CLZ2K/ CLZ2L
Part II English
Course Outcome

• To concentrate on the improvement of fluency skills required in reading and writing.
• The ability to write cogently, critically and creatively with clarity of thought.
• To enhance, embolden and elevate good communication skills among the students.
• The ability to understand different interpretations and perspectives of new creative and artistic works.
• It also aims at exposing students to Indian, British, American, and African American and Russian writing and make them appreciate the various cultural influence on the language.
• To participate in discourses in English in a critical and cultural perspective

Subject Code: CLZ3P
Part II English
Course Outcome

• It aims at developing the interest to learn English not just as a language, but also to master it on a higher level with better pronunciation and interpretive ability.
• It enhances the ability of the students to speak confidently and brings academic excellence.
• In the usage of the text that is prescribed for them, the students are empowered with the aptitude for being competent in their English skills.
• The grammar units engage them in activities that ensure better understanding the concepts of Grammar and its application to daily usage of English.
• It equips them with the better fluency which in turn helps them to render a fluent and confident speech.

• It updates the knowledge of the readers and always endorses the tradition of teaching and learning towards improvement.

Subject Code: CLZ4R
Part II English
Course Outcome

• There is artistic value in the lessons which forces imagination in a variety of situations provided for student learning.

• It provides proper teaching and learning environment, providing a rich source from English Literature, enriching the standard of the subject, required to meet the demands in the increasing complexity of learning.

• They learn new words, and enrich their vocabulary list and self-appreciate their excellence.

• To use ideas in a critical perspective in the process of reading and writing of poems, articles and other art works and apply the same to college studies and real life situations.

• To understand theme, techniques and narratives of Shakespeare’s plays.

• Encourage students to take up study of poems, short stories, articles and novels on their own.

Essentials of Language And Communication Skills
Level –I/ Level II
Subject Code TSSEA/TSSEB
Program outcome

This program,
• Develops reading skills, writing skills, and speaking skills by having the student read aloud each page and discussing the content of the material.

• Develop effective communication skills

• Develop effective presentation skills.
• Conduct effective business correspondence and prepare business reports which produce results.

• Become self-confident individuals by mastering inter-personal, team management, and leadership skills.

• Develop all-round personality with a mature outlook to function effectively in different circumstances.

• Develop broad career plans, evaluate the employment market, identify the organizations to get good placement, match the job requirements, skill sets and take part effectively in various selection procedures adopted by the recruiters.

Subject Code: TSSEA
Essentials of Language and Communication Skills – Level –I
Course Outcome

At the conclusion of the course, students will be able to:

▪ Use a variety of reading strategies to foster comprehension and to construct personally meaningful and culturally relevant connections to the text.

▪ Employ a writing process and demonstrate the ability to write clear sentences and construct paragraphs and essays that effectively make use of supporting details, examples, and evidence.

▪ Write in an effective manner that demonstrates an understanding of the content.

▪ Effectively express and exchange ideas through communication.

Subject Code: TSSEB
Essentials of Language and Communication Skills – Level –II

At the conclusion of the course, students will be able to:

▪ Students will attain and enhance competence in the four modes of literacy: writing, speaking, reading & listening
- Students will develop reading skills and reading speed
- Students will read university texts and expand their vocabulary
- The ability to write well—critically, creatively, or both.
- Develop public speaking abilities as the course offers opportunities to speak in class, both informally and formally.

Course outcome PSSEA
Language and Communication- Spoken and Presentation Skills
Subject Code: PSSEA/PSSEB

Program outcome
This program will:
- Enhance the skills pertaining to reading, writing, listening, speaking; to an advanced level
- create the ability to demonstrate and to think critically;
- help utilize information to a maximum and upgrade digital literacy skills
- equip, demonstrate behaviour and attitudes appropriate to their domain environment.

Course outcome
Subject Code: PSSEA

- Extensively discuss and respond to content of a reading or listening passage.
- Use communication strategies to participate in group and class discussions.
- Use vocabulary appropriately.
- Apply grammatical structures appropriately for an effective presentation.
- Deliver an effective oral presentation.
- Prepare an oral presentation in class using effective delivery strategies.

Course outcome
Subject Code: PSSEB

- Effective strategies for spoken and presentation skills.
- Ability to communicate effectively with teachers, fellow students and friends.
- Development of leadership skills, creativity, efficiency and self-confidence.
- Helps students to master people skills, social skills and career attributes.
- Decision making and problem solving skills.
• To be self-aware, stay motivated and empathise in a social circle.

DEPARTMENT OF PHILOSOPHY

Learning Outcomes of Philosophy Course

Vision Statement:
Philosophy Department of Agurchand Manmull Jain College aims to provide students with the skills to think critically, to question assumptions and presuppositions, and to see issues of current importance in the context of the rich history of philosophy itself. The Department of Philosophy aims to meet general education needs as well to increase the number of students graduating with a major in philosophy.

A Bachelors of Arts in Philosophy Course:
In order to pursue a BA in Philosophy a student need to have completed 10+2 from either state or central board in any stream. The duration for this course is three years and the cut off varies from college to college.

Learning Outcomes of Philosophy Major:
Philosophy teaches how to think and how to analyse and communicate ideas clearly and logically. Philosophy degree gives plenty of skills, helping student to become a high-quality candidate for many employers. Discover the potential philosophy student with his versatile skills can be employed in the following board areas:

* Philosophy Students often pursue careers in teaching, law, politics, health care, counselling, publishing and business.
* Graduates of our philosophy program are effective at analyzing problems, articulating ideas and keeping a sharp focus on details and big-picture issues.
* Our graduates are lawyers, college professors, business leaders.
* Philosophy graduates can also work as advisors, lobbyist, and specialist in HR etc.
* A philosophy student you can find job opportunities in the following sectors such as student affairs, public service, journalism, research
* The students of Philosophy can also opt for competitive examinations for the civil services at the State and Central level.
They can also enter the field of business administration with specialisations in areas such as Human Resource Development.

One can pursue master’s or even your doctorate in philosophy. There are many excellent philosophy PhD programs. This would be a good education choice if he/she want to become a professor of philosophy at the college level/University level, which is one of the best jobs for philosophy majors.

**CORE PAPER I - LOGIC AND SCIENTIFIC METHODS I**

<table>
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<tr>
<th>Subject Code</th>
<th>AFA1A</th>
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1. Construct, symbolize, and evaluate proofs in syllogistic logic, truth-functional logic
2. Understand the development of logic, including Meta logical results.
3. Understand the logical concepts and its characteristics of logical norms
4. Develop a logical thinking and apply it to solve real life problems
5. Course work includes reading, class discussion, regular homework assignments, quizzes, and short argumentative essays.

**CORE PAPER 2 WESTERN PHILOSOPHY I**

<table>
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<tr>
<th>Subject Code</th>
<th>AFA1B</th>
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1. Understand the basic concepts of Western Philosophy and analyze the basic theories of Philosophy
2. Students demonstrate knowledge of core concepts and central figures in major subfields in philosophy.
3. Students exhibit skill in use of dialectical approaches to learning and discussion
4. Knowledge of western philosophers, major movements, issues and philosophical systems of the ancient world and medieval
5. Course work includes reading, class discussion, regular homework assignments, quizzes, and short argumentative essays.

**STUDIES IN NATIONALISM (Allied)**

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<tr>
<th>Subject Code</th>
<th>AABEG</th>
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1. This is an allied programme designed to give you an understanding of nationalism that is broad in scope and theoretically informed, while also tailored to your specific interests within the field.
2. This programme also addresses the conflict and oppression that can be engendered through nationalism, and the global changes that can be brought about by national identities, ideologies and interests.
3. To make students understand that Nationalism is a sentiment of loyalty toward the nation which is shared by people
4. It instills in a student’s the feeling of solidarity with their country, and the zeal to make sacrifices for their country,
5. Course work includes reading, class discussion, regular homework assignments, quizzes, and short argumentative essays

SECOND SEMESTER

CORE PAPER 3 - LOGIC AND SCIENTIFIC METHODS II

1. The Course in Logic aim to improve student’s ability in critical thinking skills.
2. Develop a logical thinking and apply it to solve real life problems
3. Ability to summarize and explain difficult ideas and concepts
4. Course work includes reading, class discussion, regular homework assignments, quizzes, and short argumentative essays

CORE PAPER 4 - WESTERN PHILOSOPHY II

1. This course will provide both an overview of the history of Western Philosophy as well as an exploration of some of the most important philosophical questions.
2. Students demonstrate knowledge of core concepts and central figures in major subfields in philosophy.
3. Students demonstrate skill in use of dialectical approaches to learning and discussion.
4. Course work includes reading, class discussion, regular homework assignments, quizzes, and short argumentative essays

ALLIED PAPER 2 - HISTORY OF INDIA 1858 TO A.D. 1964

1. Students should be able to understand the basic tools of historical analysis
2. Understand how historians use periodization and chronology
3. History allied student must develop a breadth of historical knowledge that represents awareness of the Socio-Cultural Development of India
4. Course work includes reading, class discussion, regular homework assignments, quizzes, and short argumentative essays

Core – V - Indian Philosophy –I

1. Understand and explain clearly the theistic conception of God; explain the different arguments for the existence of God;
2. Explain the theistic belief; and understand the complexity of Syadvada
3. Evaluating justified religious belief.
4. To understand the difference between Nastika vs Astika
5. Course work includes reading, class discussion, regular homework assignments, quizzes, and short argumentative essays.

Core – VI – Ethics

1. Subject Code AFA3A
2. Subject Code AFA3B
1. Express reasons in support of a moral claim; understand that there are better and worse reasons for making a moral decision.

2. Explain the difference between an act being morally permissible and being morally necessary.

3. The course explores the challenges to value judgments about every action of human beings.

4. A detailed examination of different theories concerning how we should live our lives.

5. Special emphasis is placed on the conflict between consequentialist theories (for example, utilitarianism) and nonconsequentialist theories (for example, common sense morality).

6. Course work includes reading, class discussion, regular homework assignments, quizzes, and short argumentative essays.

**Allied – II - Paper 1 - Yoga and Parapsychology**

1. This course is designed in a such a way that a student has to understand that “Yoga is not a religion; it is a way of living that aims towards ‘a healthy mind in a healthy body.”

2. To understand the main goals of “Yoga in Daily Life” are Physical Health, Mental Health, Social Health, Spiritual Health.

3. In this course even the western concepts are introduced like Jung's system - Adler's views.

4. The essence of yoga is to make the process of life as efficient and enjoyable as possible.

5. Course work includes reading, class discussion, regular homework assignments, quizzes, and short argumentative essays.

**Core – VII - Indian Philosophy II**

1. Describe the distinctive features of Indian Philosophy.

2. Identify the central points and uniqueness of Indian Philosophy.

3. Discuss the importance of spirituality in Indian culture and Philosophy.

4. Trace the process of infusion into and integration of elements from other philosophical systems in Indian culture.

5. Course work includes reading, class discussion, regular homework assignments, quizzes, and short argumentative essays.

**Core – VIII – APPLIED ETHICS**

1. Applied Ethics deals with a variety of ethical issues arising in the context of medical care, professorial Ethics, Business Ethics and Media Ethics.

2. These issues include informed consent, euthanasia, reproductive rights, confidentiality, and the distribution of health care resources.

3. The course uses ethical theory to shed light on issues in media, profession, business medicine, and issues in medicine to illuminate ethical theory.
4. This course will invite students to reflect on key philosophical works that engage in the questions like focused on the moral status of the natural world and the non-human entities.

5. Students will also have the opportunity to think about significant emerging topics in applied ethics.

6. Course work includes reading, class discussion, regular homework assignments, quizzes, and short argumentative essays.

Allied – II – Paper-2 – South Indian Philosophy, Culture and Tourism

The following outcomes are expected of students who complete this course:

1. Describe the distinctive features of South Indian culture;
2. Identify the central points and uniqueness of South Indian culture;
3. Discuss the importance of spirituality in South Indian culture through various thinks like Vemana and Sri Narayana Guru
4. To make the students understand dance is the form of vibration of our body and mind. It is a form of worship through which a dancer can reach the Almighty
5. Course work includes reading, class discussion, regular homework assignments, quizzes, and short argumentative essays.

Core – IX - Contemporary Indian Philosophy

1. In this course various thinkers and there philosophy are introduced
2. Gandhi is famous as the leader of the movement for Indian independence, which he based on his philosophy of non-violence,
3. Gandhi's ideas and the effects of his leadership continue to influence the world and its leaders. What was the philosophical basis these ideas? Is non-violence a strategy for a certain purpose, or the basis for a way of life?
4. Importance of Swami Vivekananda, Ramana Maharshi, and Sri Aurobindo are introduced
5. Course work includes reading, class discussion, regular homework assignments, quizzes, and short argumentative essays.

Core – X – Symbolic Logic

1. An introduction to formal methods for evaluating deductive arguments.
2. Topics include formal fallacies, decision procedures, translation of arguments to argument forms, and natural deduction proofs in propositional and predicate logic.
3. Understand the nature of reasoning; articulate his/her thoughts in a logical and clear fashion; recognize fallacies; construct good arguments; evaluate deductive arguments; evaluate inductive arguments.
4. The difference between deductive and inductive reasoning; constructing logical proofs; the nature of scientific, moral, and legal reasoning.

5. Course work includes reading, class discussion, regular homework assignments, quizzes, and short argumentative essays.

**Core – XI - Problems of Philosophy**

1. This course introduces and explores the main principles and methods of Critical Thinking:
2. Evaluating the hypotheses of for the proof for existence of God.
3. Students will apply these principles and methods to numerous academic and 'everyday' contexts.
4. This course will regularly reflect upon more broadly philosophical matters related to Critical Thinking - such as the nature of truth and objectivity and the distinction between science and pseudo-science - paradoxes.
5. Students will improve their skills in writing clear and compelling argumentative papers and critically analyzing the writings of others.
6. Course work includes reading, class discussion, regular homework assignments, quizzes, and short argumentative essays.

**Core – XII - Political Philosophy – I**

1. A systematic study of problems and concepts connected with political institutions: sovereignty, law, liberty, and political obligation. Topics may include representation, citizenship, power and authority, revolution, civil disobedience, totalitarianism, and legal and political rights.
2. Understand and explain the central problems concerning the conception of Political Philosophy.
3. To understand the different theories concerning the relationship between the Men and the Society.
4. Course work includes reading, class discussion, regular homework assignments, quizzes, and short argumentative essays.

**Elective – I – Philosophy of Education**

1. Philosophical reflection on the nature, aims, and problems of education.
2. What are the proper aims and guiding ideals of education?
3. What are the proper criteria for evaluating educational efforts, institutions, practices, and products?
4. Many aims have been proposed by philosophers and other educational theorists; they include the cultivation of curiosity and the disposition to inquire;
5. Course work includes reading, class discussion, regular homework assignments, quizzes, and short argumentative essays.

Core – XIII – Moral Philosophy of Thirukkural

1. The Kural has inspired many to pursue the path of ahimsa or non-violence
2. Kural also remains the most quoted Tamil work ever since the post Sangam period
3. The court observed, "No other philosophical or religious work has such moral and intellectual approach to problems of life."
4. Course work includes reading, class discussion, regular homework assignments, quizzes, and short argumentative essays.

Core – XIV – Political Philosophy-II

1. This course will focus on some central topics in political philosophy.
2. Likely topics would include an examination of Rousseau: Social Contract Theory, Karl Marx – The Class Struggle and Indian Political Thought.
3. This course explores the diverse intellectual strains that have contributed to the development of Political Philosophy and its impacts in the Societies.
4. Course work includes reading, class discussion, regular homework assignments, quizzes, and short argumentative essays.

Core – XV – Recent European Philosophy

1. What is language and what is it for? What makes a series of sounds into a meaningful sentence? What makes a sentence true? Why is language always changing? What is consciousness?
2. This course will introduce students to ways in which twentieth century philosophers have attempted to provide answers to such questions.
3. Since the philosophy of language has been so crucial to contemporary philosophy,
4. This course also serves as an introduction to philosophical thought from the beginning of twentieth century to the present.
5. Topics will range from more technical problems to broader issues examining the relationship between language and culture (language games; radical interpretation; social change).
6. Readings typically include writings by Ludwig Wittgenstein, W.V. Quine, Edmund Husserl, A.J. Ayer, Charles Sanders Peirce and some more twenty century Philosophers
7. Course work includes reading, class discussion, regular homework assignments, quizzes, and short argumentative essays

Elective – II – Social Philosophy

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<tr>
<th>Subject Code</th>
<th>AFB6A</th>
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1. Social thought is a wide field. In this course, students will understand the relation between state and society.
2. This introductory Social philosophy course that concentrates on concepts and issues, such as the nature of value, duty, right and wrong, the good life, human rights, social justice, and applications to selected problems of personal and social behavior.
3. Topics may include liberty and its limitations, political obligation and obedience to the state, castes and labour and Theories of the origin of the state.
4. In this course, students will try to understand man's continuing attempt to achieve a satisfactory worldview.
5. Course work includes reading, class discussion, regular homework assignments, quizzes, and short argumentative essays

Elective – III – Temple Worship and Management

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<tr>
<th>Subject Code</th>
<th>AFB6B</th>
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1. Understand the concept and meaning of Temple
2. Establish the relationship between culture and worship
3. Establish the link between Temple and Rituals
4. To discuss the role and impact of Temple in human life
5. This course explores the temple management with reference to H.R. & CE. Board
6. Course work includes reading, class discussion, regular homework assignments, quizzes, and short argumentative essays

DEPARTMENT OF ECONOMICS

Micro Economics

- To understand the fundamental concepts, methods and branches of micro economics
- To get equipped with knowledge in the economic laws and behaviour patterns of consumer
- To know the differences between cardinal and ordinal utility analysis
- To familiarise with the difference concepts of cost and revenue and to understand the short-run and long-run cost and revenue curves
- To impart an understanding about the behaviour of the producer in different types of market
- To understand the pricing of factors of production in different types of market

Indian Economic Development
To develop conceptual clarity on the various dimensions of development and to identify the strategic factors in Indian development

To understand the concepts and objectives of planning in India

To understand the concepts and measurement of National Income

To know the different concepts and various measurement of poverty Line and unemployment rate

To understand the Trade policies and recent reforms in Indian economic development

To get thorough knowledge about the Agriculture growth at National and State levels

To get clarity on the various dimensions of industrial development in India

To know the details knowledge about Infrastructure Development in India

To understand the relations between central and states of India

**Statistical Methods**

To understand the meaning, scope, importance of essential concepts of Statistics

To know the different sources and methods of data collection and also with the different method of data presentation

To understand measuring the central tendency, measures of dispersion, and measures of Skewness and Kurtosis

To understand the significance of advanced concepts of Statistics

To understand methods of correlation and regression

To understand measures and types of price index

The ability to analyse of time series and to acquaint with estimate the least square methods of trend analysis

To know the concepts and types of the probability theorems

**Monetary Economics**

It enables the students to understand the nature, basic concepts, scope and importance of money

It capacitates the students to have a thorough understanding of the various functions of money.

The students get an insight in to the different schools of thought regarding the demand for money and supply of money.

It enables the students to gets awareness of the different types, causes and effects of inflation and deflation

To familiarize the students with the different classification of banks and the evolution of banks

To create awareness of the monetary policy formulations, its targets and objectives

To understand working & operation of RBI and World Bank

**History of India (1858-1964)**

The students after completing the study of this paper are equipping themselves to know about the struggle of the Indian national movement.

This will enable them to clear the competitive examinations and will hold them in good stead to pass exams related to the Civil Service and Public Sector Jobs.

This subject also inculcates all the students to be aware of sacrifices made and gets a great degree of pride about our country and its heritage.
The major subjects who have taken this as allied subjects in their B.A Major in Economics will also have a chance to clear the Competitive Exam and have a great chance to do well in Job interviews.

Tourism - Principles and Practices

- The students after completing the study of this paper are equipped to have the confidence to have studied a job oriented paper.
- This paper propels them to be employable in the tourism and hospitality industry.
- The paper also helps the students to understand the diversity of the tourism resources in India.
- The students are motivated to take up an employment in this field as it is an expanding industry.

Macro Economics

- It helps the students to understand the state of affairs in the economy
- To make them understand the macroeconomic tools and its usefulness in economic development.
- To understand the relationships among GDP, net domestic product, national income, personal income, and disposable income
- To understand the classical theory of Employment and to know the determination of output and employment
- To understand the Keynesian psychological consumption function hypothesis and to know the determination and equation of linear consumption of function
- To study the meaning, concepts and types of investment function and to know Keynesian model of income and employment determinations
- To understand the theory and principles of investment multiplier
- To understand the Keynesian theories of demand for money and to know the linkage Keynesian Model of economics with developing countries
- To understand the Classical and Keynes theories of aggregate demand and aggregate supply and theory of saving

Fiscal Economics

- To understand the scope of public finance and to classify the distinction between Private finance and public finance
- To know the principles, causes and effects of public expenditure
- To get the thorough knowledge with the different source of public revenue
- To understand the different types of taxation in India
- To know the characteristic and factors determining taxable capacity

International Economics

- To understand the theories of International trade.
- To understand the concepts and determinants of terms of trade
- To know the gains from international trade & trade policy
- To get knowledge about the effects of tariff and quotas
- To understand concept of BOP & BPT
- To understand the functions and theories of foreign exchange market
- To know the difference of foreign aid to India and to understand the economic integration
- To understand the functions and working of international financial institutions
History of Economic Thought

- To understand the evolution of traditional and classical economic theories.
- To understand the sources of controversies in neo-classical theories of economics
- To understand the evolution of modern economic ideas
- To know the Nobel Laureates in economic ideas
- To understand the important contribution of Indian economic ideas to economic development

Managerial Economics

- To understand the nature and scope of managerial economics
- To understand the cost and output analysis
- To know the determinate of price and output under different the market structures
- To understand the factor pricing for the goods markets
- To understand the different concept of capital budgeting

Environmental Economics

- To know the impact of Economics on the Environment and to know the theoretical foundations of environmental economics
- To facilitate the optimum use of natural resources in production and consumption
- To understand the theory and practice of Sustainable development
- To highlight the international treaties and conventions for protecting the environment while promoting development
- To understand the use of Economic tools in the analysis of environmental issues and policy making

Human Resource Development

- To understand the difference between human resource development and other human resource management functions
- To know critically analyse significant concepts and theories underpinning strategic Human Resource Development

POC – II

- To understand the concept of home trade, wholesale and retail
- To knowledge on foreign trade, import and export procedures
- Classification of agents and concepts of the factors
- To study about the advertisement and salesmanship
- To know the different modes of transport

DEPARTMENT OF TOURISM & TRAVEL MANAGEMENT (B.A.)

YEAR: I  SEMESTER: I
SUBJECT NAME: Tourism Business I  Subject Code: AQA1A

CO1  Defines about the history of travel, scope and importance of tourism
CO2  Analyses motivation factor and tourism administration planning
CO3  Describes various transport sectors and accommodation facilities
CO4  Elaborates on tourism impacts in all dimensions
CO5  Enables to forecast the future of tourism industry

YEAR: I                         SEMESTER: I
SUBJECT NAME:  Tourism Product I  Subject Code: AQA1B
  CO1  Facilitates a better learning of all the destinations in India
  CO2  Provides clarity on different kinds of tourism
  CO3  Differentiation of forms and kinds of tourism is clearly understood
  CO4  Cultural potentials in India are explored
  CO5  Various development strategies are assessed

YEAR: I                         SEMESTER: I
SUBJECT NAME: Bio Diversity of Indian Sub-Continent  Subject Code: AQB1A
  CO1  Geographical features and boundaries are thoroughly analysed
  CO2  Seasonal fluctuations are clearly identified
  CO3  Assessment of ideal time to visit India is clearly defined
  CO4  Various natural tourist resources and its further scope for growth is studied
  CO5  Role of government is promoting natural resources is understood

YEAR: I                         SEMESTER: II
SUBJECT NAME:  Tourism Business II  Subject Code: AQA2C
  CO1  Different types of organisations and hierarchical structure is understood
  CO2  Various measures used to assess tourist statistics is analysed
  CO3  Evolution of tourism in India and government’s role is promoting is described
  CO4  Business travel and trends are analysed
  CO5  Information technology and its involvement in travel sectors is highlighted

YEAR: I                         SEMESTER: II
SUBJECT NAME: Tourism Product II  Subject Code: AQA2B
  CO1  Differentiation of art and craft is clearly made
  CO2  Architectural styles adopted over ages is classified and differentiation between empires is established
  CO3  Religious sites of tourist importance is clearly analysed so as to cater to all tourist types
CO4 Art and Dance forms on classical and folk culture is analysed
CO5 Cultural tourist components are analysed in all dimensions

YEAR: I  SEMESTER: II
SUBJECT NAME: Basics of Archaeology  Subject Code: AQB2A
CO1 Archaeological excavation methods are thoroughly analysed
CO2 Enables to co relate archaeological excavations and findings with the sites
CO3 Numismatics and different metals provides details on the wealth of the empire
CO4 Assesses the scope for tourism promotion through archaeological studies
CO5 Assists in recollecting the life styles adopted in the prehistoric past

YEAR: II  SEMESTER: III
SUBJECT NAME: Travel Agencies and Tour Operators I  Subject Code: AQA3A
CO1 Travel agencies and its categories are analysed
CO2 International tourist organisation and its role in tourism promotion is understood
CO3 Business travel sector including travel trade fairs on global level is described
CO4 Online travel portals and physical outlets and its functionalities are explained
CO5 Travel Agents and the skills needed to excel in the industry is clearly elucidated

YEAR: II  SEMESTER: III
SUBJECT NAME: Marketing Management  Subject Code: AQA3B
CO1 Marketing, its evolution and significance are described
CO2 Product, its classification, segmentation and mix help to differentiate a product in the existing market
CO3 All the promotional and pricing strategies are thoroughly understood
CO4 Consumer Buying behaviours, their perceptions, and decision-making methods are analysed
CO5 Measures to be focused on commercialising a product is clearly evident in step by step manner

YEAR: II  SEMESTER: III
SUBJECT NAME: Art and Architecture of Ancient India  Subject Code: AQB3A
CO1 Differentiation of art, architecture and sculpture is clarified
CO2 Ancient Civilizations and its contribution towards art and architecture is analysed
CO3 Empires and their focus on specific religion is more prominent through architecture
CO4 Different schools and styles of architecture evolved over decades are compared
CO5 Facilitates a better learning all the architectural structures which is a major potential
for tourism development

YEAR: II SEMESTER: IV
SUBJECT NAME: Travel Agencies and Tour Operators IISubject Code: AQA4A
CO1 Planning and preparation of itinerary is clearly understood
CO2 Various travel documents needed for travel is analysed
CO3 Computerised Reservation Systems (CRS) and Global Distribution System (GDS)
knowledge facilitates more scope in career growth
CO4 Costing involved in tour planning is clearly elucidated
CO5 Trends such as automation adopted in tour operations are discussed

YEAR: II SEMESTER: IV
SUBJECT NAME: Tourism Marketing Subject Code: AQA4B
CO1 Service marketing and its significance are analysed with differentiation from
commodity marketing
CO2 Various models of tourism and its implications are analysed
CO3 Demand and supply for tourism products and resources are discussed
CO4 Marketing initiatives for commercialising tourism product is clearly evident
CO5 All the skills mandatory for a tourist professional to become successful is elaborated

YEAR: II SEMESTER: IV
SUBJECT NAME: Art and Architecture in Medieval India Subject Code: AQB4A
CO1 Architectural influence of other territories in India is clearly defined
CO2 Reasons for decline in architectural values are identified
CO3 Monuments of archaeological and historical value are analysed and current scenario of
these structures are evaluated
CO4 Rulers and their contribution towards architecture is remembered
CO5 Career scope in promoting tourism through architecture is assessed

YEAR: III SEMESTER: V
SUBJECT NAME: Global Tourism Subject Code: AQA5A
CO1 Tourism potential in each country is identified and comparatively analysed
CO2 Countries with high scope for tourism growth is understood
CO3 Positive as well as negative impacts due to tourism initiatives are evident
CO4 Contemporary and future trends in tourism on global scale is analysed
CO5 Enriches a thorough knowledge so as to excel in tour operations

YEAR: III  SEMESTER: V
SUBJECT NAME: Social and Cultural History of India  Subject Code: AQA5B
CO1 Characteristics that define Indian society is understood
CO2 Casteism and its features are recognised and clearly explained
CO3 Issues pertaining to marriage, its types and problems associated with that is analysed
CO4 Different categories of festivals and its significance are identified
CO5 Westernization impact over India is assessed in all dimensions

YEAR: III  SEMESTER: V
SUBJECT NAME: Hotel Management & Catering  Subject Code: AQA5C
CO1 Genesis and classification of accommodation and catering units are discussed
CO2 Various departments in a hotel facilitates knowledge in further career scope
CO3 Star Classification of hotels and their facilities are thoroughly understood
CO4 Application of various initiatives towards guest handling is enabled
CO5 Role of Associations in management of hospitality industry is analysed

YEAR: III  SEMESTER: V
SUBJECT NAME: Human Rights and Tourism  Subject Code: AQA5D
CO1 An awareness on fundamental human rights is recognised through initiatives
CO2 Violation of Human Rights and its outcomes are evaluated on both tourist and service provider perspective
CO3 Grassroot realities in child and women trafficking is analysed
CO4 Reflection of tourist activities in the environment and rules and laws formulated for its sustainability is evaluated
CO5 Tourist safety and health issues pertaining to basic rights is scrutinized and formulated

YEAR: III  SEMESTER: VI
SUBJECT NAME: Personnel Management  Subject Code: AQA6A
CO1 Management of human resources in an organisation is clearly defined
CO2 Significance of communication channels and its impact on functioning is demonstrated
CO3 Factors that affect the performance of an individual in an organisation is analysed
CO4 Transfers, Promotions, Termination and Wage Fixation and accidents are scrutinized so as to construct a conducive environment for employees
CO5 Provides a clear insight on various strategies that can be adopted by a human resource manager for their employees

YEAR: III SEMESTER: VI
SUBJECT NAME: Front Office Management Subject Code: AQA6B
    CO1 Application of Information and technology in front desk operations is analysed
    CO2 Management functions of Front Office and inter departmental coordination is defined
    CO3 Procedures for making a hotel reservation is explained in detail
    CO4 Accounting procedures including foreign regulations are clearly portrayed
    CO5 Miscellaneous functions associated with front office operations are explained

YEAR: III SEMESTER: VI
SUBJECT NAME: Eco Tourism Subject Code: AQA6C
    CO1 An insight on basic concepts of environment is obtained
    CO2 Tourism and its linkages with environment is clearly established
    CO3 Tourist places with eco sensitivity is identified and analysed
    CO4 Role of United Nations and government in ecological planning is compared
    CO5 Scope for tourism activities without affecting the environment is formulated

YEAR: III SEMESTER: VI
SUBJECT NAME: Air Ticketing and Fare Construction Subject Code: AQE6A
    CO1 Recognition of need for IATA codes, traffic conference areas and its connectivity in air transportation
    CO2 Different types of journeys and Fare calculation principles and procedures are clearly defined
    CO3 Various airport and inflight services and facilities are analysed
    CO4 Different types of tours and prerequisites for designing a tour package are demonstrated
    CO5 All the necessary documents essential for air travel is explained

DEPARTMENT OF PUBLIC ADMINISTRATION (B.A.)
Subject: **Principles of Public Administration** Code: **ANA1A**  
Semester: I (ODD)  
Paper : I  
CO1 Students will demonstrate basic understanding of theories, concepts of Public Administration.  
CO2 Students will apply the principles of Administration in public as well as private sectors.  
CO3 Students will have acquired critical thinking and problem solving skills that are applied in the public service realm  
CO4 Students will be able to analyze the scientific principles of administration  
CO5 Students will be able to differentiate the goals of public and private administration.  

Subject: **Organization Theory** Code: **ANA1B**  
Semester: I (ODD)  
Paper : II  
CO1 Students will learn about the Characteristics of Organization.  
CO2 Students will understand the basic theories of Organization (classical, human–relation, system).  
CO3 Students will enhance their knowledge in the field of Organizational Effectiveness.  
CO4 Students will study about the Organizational Culture of both Public as well as Private Sectors.  
CO5 Students will be able to identify different Organizational conflicts and problem Solving.  

Subject: **Administration Western Governments(UK,USA,FRANCE)** Code : **ANA2A**  
Semester: II (EVEN)  
Paper : III  
CO1 Students will learn about western constitutions of the world.  
CO2 Students will be able compare the governance of the Constitution of UK,USA & FRANCE  
CO3 Students will be able to analyze the functioning of local Governments of these constitutions.  
CO4 Students will demonstrate the role of civil service in UK,USA & France.  
CO5 Students will be able to evaluate best governance in these countries.  

Subject: **Administration Asian Governments(China,Japan,Sri Lanka)** Code : **ANA2B**  
Semester: II (EVEN)  
Paper : IV  
CO1 Students will learn about features of Asian constitutions.  
CO2 Students will be able compare the administration of the Constitution of China, Japan & Sri Lanka.  
CO3 Students will be able to analyze the functioning of local Governments of these constitutions.  
CO4 Students will demonstrate the role of civil service in China, Japan & Sri Lanka.  
CO5 Students will be able to evaluate political parties of these countries.  

Subject: **Indian Administration**  
Semester: III (ODD)  
Paper : V  
CO1 Students will be able study about the basic structure of Indian Administration.  
CO2 Students will understand different provisions of the indian constitution.  
CO3 Students will analyze the working of both central as well a state governments.  
CO4 Students will study about relationship between the central & state governments.
CO5  Students will be able to identify union subjects , state subjects and concurrent lists.

Subject : Administrative Thinkers  
Semester: III (ODD)  
Paper : VI

CO1  Students will be able to evaluate the aspects of administration.
CO2  students will understand the basic theories of administration.(classical,neo-classical,human–relation,leadership,etc)  
CO3  Students will enhance their knowledge in the field of Principles of Administration.  
CO4  Students will be able analyse critically about traditional & Modern Administration.  
CO5  Students will be able to demonstrate the participation of workers in the Management.

Subject : Public Personnel Administration  
Semester: IV (EVEN)  
Paper : VII

CO1  Students will learn about the process of recruitment of public servants.  
CO2  students will understand the structure and functioning of central Personnel Agencies.  
CO3  Students will study about the management of Public Services in India (Union Public Service Commission).  
CO4  Students will analyse the benefits of public servants (recruitment to Retirement).  
CO5  Students will be able to identify role civil servants in Good Governance.

Subject : Public Financial Administration  
Semester: IV (EVEN)  
Paper : VIII

CO1  Students will learn about the financial administration the government.  
CO2  students will acquire knowledge about budget(Annual Financial Statement)  
CO3  Students will demonstrate the working of Finance commission in the policy making.  
CO4  Students will study about the concepts of Financial Administration.  
CO5  Students will be able to identify stages in budget and its types.

Subject : Development Administration  
Semester: V (ODD)  
Paper : IX

CO1  Students will learn about the features & concepts of Development Administration.  
CO2  students will analyse the difference between Administrative Development and Development Administration.  
CO3  Students will participate in development process in Administration.  
CO4  Students will study about the goals of development administration.  
CO5  Students will be able to evaluate various theories of Development Administration.

Subject : Administrative Law  
Semester: V (ODD)  
Paper : X

CO1  Students will acquire knowledge about Administrative Law.  
CO2  students will understand the provisions dealing with law in different countries.  
CO3  Students will be able to compare the common law & Administrative law.  
CO4  Students will study about the structure of Administrative courts.  
CO5  Students will be able to identify jurisdiction of administrative courts.
Subject: **Local Government And Administration in India**  
Semester: V(ODD)  
Paper :XI

CO1 Students will learn about the basic structure of local governments in India.  
CO2 students will be able evaluate units of local government .  
CO3 Students will participate in the activities of local bodies (Municipal, Corporation, Panchayat)  
CO4 Students will study about the role of citizens in local self government.  
CO5 Students will be able to identify different units of local Government in India.

Subject : **Administration of Public Enterprises**  
Semester: V(ODD)  
Paper :XII

CO1 Students will learn about the Characteristics of Public Enterprises.  
CO2 students will understand the basic theories of Administration.  
CO3 Students will critically evaluate the scope of Public Enterprises.  
CO4 Students will analyze about the goals & anti-goals of Public enterprises.  
CO5 Students will be able to identify significance of administration in public Enterprises.

Subject : **International Organization & Administration**  
Semester: VI(EVEN)  
Paper :XIII

CO1 Students will learn about the International Organization.  
CO2 students will understand the basic structure of various Organizations of the world.  
CO3 Students will analyze the functioning of UNO& and its Agencies.  
CO4 Students will study about the political, social , economic & cultural activities of international Organizations.  
CO5 Students will be able to identify the need for International human rights organizations.

Subject : **Public Management & Governance**  
Semester: VI(EVEN)  
Paper :XIV

CO1 Students will learn about the features &Characteristics of Public Management.  
CO2 students will take part in good governance and citizen participation in it.  
CO3 Students will enhance their knowledge in the field of welfare administration.  
CO4 Students will study about the goals of good governance.  
CO5 Students will be able to identify role of citizens in public management.

Subject : **Public policies in India**  
Semester: VI(EVEN)  
Paper :XV

CO1 Students will learn about the Public Policies of India.  
CO2 students will understand the basic theories of policy making.  
CO3 Students will enhance their knowledge in the field of policy making strategies.  
CO4 Students will study about the of planning commission(Niti Ayog) And NDA under PM’s Office.  
CO5 Students will be able to identify different types of planning(long –term, short –term, etc)
Department: Criminology and Police Administration  
Subject Name: Principles of Criminology  
Subject Code: AXA1A

CO1: Introduces students to the theories of Criminology
CO2: Builds the foundation on which the rest of the program will be based on.
CO3: Briefs about the history of criminology
CO4: Knowledge of crime concepts and its history
CO5: To understand the applications of theory in real life incidents.

Department: Criminology and Police Administration  
Subject Name: Criminal Law  
Subject Code: AXA1B

CO1: Introduces students to the basics of criminal law
CO2: Details on how the court and legal system functions
CO3: Familiarizes students with the working of the legal body, in relation to other agencies.
CO4: Differentiates between accuser and offender
CO5: Gives good knowledge of crime and punishment

Department: Criminology and Police Administration  
Subject Name: Document Examination  
Subject Code: AXB1A

CO1: Introduction to Document examination and different types of documents
CO2: Introduces different processes of identification of documents
CO3: Details on trace and physical evidence
CO4: Elucidates stamp marks and type marks, its types, how they are formed, what are maladaptations etc.
CO5: Makes student comprehend the concept of self and identity

Department: Criminology and Police Administration  
Subject Name: Vigilance and Security Management  
Subject Code: AXA2A

CO1: Details of Security aspects in our country
CO2: Role and functions of CISF.

CO3: Elucidates the process of Security, Information security and cyber security.

CO4: Details on Private Security Agencies.

CO5: Prevention of Espionage and Sabotage.

**Department: Criminology and Police Administration**  
**Year: I Semester: II**  
**Subject Name: Principles of Psychology**  
**Subject Code: AXA2B**

CO1: Introduces the stages of development

CO2: Details on both physiological and psychological events in development from infancy to adolescence

CO3: Characterizes the developmental stages based on different theories

CO4: Provides insight on how personality is based on development

CO5: Relates psychology to the stages of development

**Department: Criminology and Police Administration**  
**Year: I Semester: II**  
**Subject Name: Special Laws**  
**Subject Code: AXB2A**

CO1: Introduction to local and special laws

CO2: Protection of Civil rights Act

CO3: Significance of Juvenile Justice Act

CO4: Importance of local and special laws and how they are made

CO5: Importance of Dowry Prohibition Act, narcotic and psychotropic Substances Act, Anti-terrorism measures

**Department: Criminology and Police Administration**  
**Year: II Semester: III**  
**Subject Name: Human Rights and Criminal Justice Administration**  
**Subject Code: AXA3A**

CO1: Introduction to Human Rights


CO3: Significance of Custodial violence, Rights of Prisoners

CO4: Importance of Human rights violations of Women

CO5: Importance of Rights of Minorities and Elderly people
Department: Criminology and Police Administration  Year: II Semester: III
Subject Name: Social Problems  Subject Code: AXA3B

CO1: Introduction to Definition and scope of Sociology

CO2: Introduction to Religion and Family types

CO3: Significance of Caste: Definition and characteristics of caste

CO4: Importance of Inequality, Untouchability, Poverty, Unemployment and Child Labour

CO5: Importance of Constitutional categories

Department: Criminology and Police Administration  Year: II Semester: III
Subject Name: Fundamentals of Statistics  Subject Code: AXB3A

CO1: Introduction to definitions and significance of crime statistics

CO2: Introduction to Measures of central tendency

CO3: Significance of phi-coefficient; association of attributes – yule’s coefficient of association

CO4: Importance of Chi-square test, F-test; analysis of variance

CO5: Application of SPSS

Department: Criminology and Police Administration  Year: II Semester: IV
Subject Name: Prison Administration  Subject Code: AXA4A

CO1: Introduction to Nature and scope of penal reforms

CO2: Introduction to various types of correctional methods

CO3: Significance of daily routine of prison and scientific classification of prisons and prisoners

CO4: Importance of Open air jails, Admonition, fine, probation and parole

CO5: Role of voluntary agencies in prevention of crime and treatment of offenders

Department: Criminology and Police Administration  Year: II Semester: IV
Subject Name: Cyber Crimes  Subject Code: AXA4B

CO1: Introduction to Computer Hardware & Networks

CO2: Introduction to Cyber crime

CO3: Significance of Forensic Imaging & Verification, Data Recovery and Analysis

CO4: Importance of Information Technology Act, 2000
CO5: Role of Intellectual Property Issues and Cyberspace

**Department:** Criminology and Police Administration  
**Year:** II Semester: IV  
**Subject Name:** Guidance and Counseling  
**Subject Code:** AXA4C

CO1: Introduction to Counseling

CO2: Introduction to Participation, Individualization, Confidentiality

CO3: Significance of Types of Counseling

CO4: Importance of Opening Techniques, group counseling.

CO5: Role of Premarital and post marital counseling

**Department:** Criminology and Police Administration  
**Year:** II Semester: IV  
**Subject Name:** Practical I  
**Subject Code:** AXB4A

CO1: Visit to Police Station

CO2: Visit to Magistrates Court

CO3: Visit to Fire Station

CO4: Visit to District Crime Records Bureau

CO5: Visit to Central jail

**Department:** Criminology and Police Administration  
**Year:** III Semester: V  
**Subject Name:** Police Administration  
**Subject Code:** AXA5A

CO1: Introduction to History of Indian Police

CO2: Structure of State Police

CO3: Recruitment and training of Police Personnel

CO4: Methods of Investigation

CO5: Modernization of police

**Department:** Criminology and Police Administration  
**Year:** III Semester: V  
**Subject Name:** Police Station Management  
**Subject Code:** AXA5B

CO1: Introduction to Roll Call, Catechism Class, Duties of Prevention of Crime

CO2: Introduction to General Diary, Sentry Relief Book, Duty Roster, Village roster
Department: Criminology and Police Administration Year: III Semester: V
Subject Name: PRACTICAL II OUT DOOR TRAINING Subject Code: AXA5C

CO1: Introduction to Physical Training (Physical fitness, Stamina building & strengthening of Arms – Rope, Push-ups, Sit-ups, Horse Riding)

CO2: Introduction to Yoga and games

CO3: Introduction to Equitation

CO4: Introduction to Unarmed combat

CO5: Introduction to Karate

Department: Criminology and Police Administration Year: III Semester: V
Subject Name: Victimology Subject Code: AXE5A

CO1: Introduction to victim and criminal justice system

CO2: The role of United Nations in establishing Victim Rights

CO3: Understanding the basic principles of justice for victims of crimes

CO4: UN congresses treatment of offenders

CO5: Understanding alternative victim support services

Department: Criminology and Police Administration Year: III Semester: V
Subject Name: Computer Applications in Criminal Justice System Subject Code: AXE5B

CO1: Introduction to Basics of Computers

CO2: Procedures to be followed Word Processing and Presentation

CO3: Problems in Data Base

CO4: Types of Computers and Criminal Justice

CO5: Knowing about internet and server

Department: Criminology and Police Administration Year: III Semester: VI
Subject Name: COMMUNITY POLICING Subject Code: AXE5B
CO1: Introduction to practical dimensions of community policing
CO2: Introduction to Community Policing Models in USA and UK
CO3: Significance of Community policing Vs traditional policing
CO4: Importance of Community policing in the Indian context
CO5: Role of Friends of Police (FOP)

Department: Criminology and Police Administration Year: III Semester: VI
Subject Name: Contemporary Forms of Crime Subject Code: AXA6B

CO1: Introduction to Nature, meaning, and forms - Tax evasion
CO2: Introduction to Criminal syndicates - Organized crimes
CO3: Significance of Terrorism: Nature, meaning and forms
CO4: Importance of Cyber Pornography and IT Act 2000
CO5: Women and Child trafficking

Department: Criminology and Police Administration Year: III Semester: VI
Subject Name: PRACTICAL – III Subject Code: AXA6C

CO1: Introduction to Drill – Command & Control (Saluting without arms & with Arms / Cane, squad drill with/without arms)
CO2: Introduction to firing practice
CO3: Significance of Swimming
CO4: Importance of Route March
CO5: Training for Night Trekking

Department: Criminology and Police Administration Year: III Semester: VI
Subject Name: Crowd Control and Riot Management Subject Code: AXE6A

CO1: Introduction to Crowd and unlawful assemblies
CO2: Procedures to be followed while dispersing violent crowds
CO3: Problems in mobilization of force, command and control
CO4: Preventive action for maintenance of law and order
CO5: Maintaining peace during elections

Department: Criminology and Police Administration Year: III Semester: VI
Subject Name: Private Detective and Investigation

Subject Code: AXE6B

CO1: Introduction to Investigation
CO2: Procedures to be followed in Undercover Operations
CO3: Problems in Pre and Post Marital Investigation
CO4: Types of Audio recording devices
CO5: Difference between interrogation and Interview

DEPARTMENT OF Economics (PG – M.A.)

Micro Economics
• Helps in studying the individuals, households and firms behaviour in decision making and allocation of resources
• Helps in estimating the size of markets for goods and services
• Helps in making informed decision about pricing in market places
• To become aware of the organisational structures if the firm and industry.
• In arriving at optimisation of production, consumption and distribution solutions
• To become familiar with cost, revenue and profitability aspects

Indian Economics
• This subject highlight the past and current aspects of the Indian Economy
• Students are aided to understand the policies of the GOI and RBI and other institutions.
• Students are highlighted with comparative policy networks in India and other countries so as to deliberate policy pros and cons
• To understand concepts and determinants of development
• To get introduced to the framework of sustainable development, poverty,

Statistics for Economists
It helps in conducting effective research, develop critical thinking and analytical skills.
To understand the methods of correlation and regression
To understand measures and types of price index
To understand the economic trends at the national and international level
Helps in predicting the behaviour of a variable and thus helps the policy makers in framing suitable economic policies.
Helps student to crack competitive exams and secure employment

Health Economics
The study of health economics provides an introduction to models of health economics.
It helps to understand the key concepts of health economics and the economic evaluation of health care system.
It helps to bring about an understanding on NHS Budget with the help of measurement of economic burden of illness and health indicators

**Environmental Economics**
This subjects helps the students to be highly aware about environmental issues which affect the entire world.
To know the classification and conservation of natural resources
Due to this subject students have better knowledge about overcoming the environmental related issues.
They can come to know about the linkages between economy and environment.
It helps in creating responsibility among the students to protect and conserve the environment.
They are becoming fit to take up competitive exams.

**Mathematics for Economists**
This course helps the students without mathematical background to obtain knowledge of mathematical technique for suitable economic analysis.
To understand the applications of mathematical functions in mathematics
To acquaint with mathematical applications of differential calculus on the theory of cost and production function
Students are equipped with mathematical tools in business expectations which can enhance their employability.
Students are motivated to take up higher studies especially in foreign universities as sound mathematical knowledge is required for this
Help the students to clear competitive exams

**Industrial Economics**
The study of the subject enables the student to understand the contributory factors of industrial development
To know the differential theories of industrial location
To give awareness of the different financial source of industrial organisation of India
It helps them to understand the location factors contributing to industrialisation
It helps to bridge the industrial policy with current industrial scenario
It provides an understanding on classification of industries, theory of firms and the like

**Tamilnadu Economy**
The study of the subject TE helps the students to understand the status of Tamilnadu economy in terms of its demographic features
It helps the students to understand the sectorial composition of the state of Tamilnadu
To know the agricultural and industrial situation of Tamilnadu
The study of the subject provides the knowledge of health indicators as well as educational development index

**Macro Economics**
It helps the students to understand the state of affairs in the economy
To make them understand the macroeconomic tools and its usefulness in economic development
To understand the classical theory of employment and to know the determination of output and employment, the Keynesian model
To understand and assist in the formulation of macroeconomic policies
To understand the importance of macroeconomic parameters like poverty, unemployment etc. and the combined impact of all this in the growth and development of a country
It helps them to enhance the future of the student’s career

Public Finance
The subject enables the students to understand about the fiscal federalism in general and Indian fiscal federalism
It brings out the role of government in the allocation, stabilisation and maximizing welfare by linking appropriate measures taken by the government
It helps to bring about a clear understanding on taxation
To know the source, types and effects of public debt
To give the role of fiscal policy in a developing economy with reference to India
It provides a complete information on budgeting and evaluation of public projects

Development Economics
After completion of this course students will be having a sound knowledge on the development models
Students are equipped with knowledge to face competitive examinations such as NET, SLET etc.
To come to grips with the social and economic development of India
Students are made to understand the implication of the models in Indian Economy

Economics of Social Issues
To inculcate economic way of taking decisions using marginal approach
To imbibe in the young minds the significance of joint family system, women empowerment and globalisation
To create awareness among the students community on crime and drug abuse.
To understand the dynamics of pricing from a social perspective
To motivate people in music and sports and dissecting the cost factor as their career objective

Labour Economics
To study the size of the labour force and understand the supply demand mechanism with regard to the labour force
To seek the causes of unemployment and suggest corrective measures for the same
To understand the wage structure, causes for wage differences and legislative framework covering labour
To obtain an overview of the social security measures per se labour
To understand the dynamics of labour-management conflicts, envision labour participation and the state of industrial relations

International Economics
It helps in understanding how to assess international trade issues, make economic predictions and manage foreign exchange risk
To look for jobs as economist, financial risk analyst, data analyst, financial planner, economic researcher, investment analyst etc.
To understand how global trade trend affects the volatility in markets, Indian economy Policy etc.
To understand the concepts and determinants of terms of trade
Helps in informed decision making in exports and import
To understand the role of foreign capital and foreign aid in economic development

**Financial Economics**

The students after completion of this course will be conversant with the basics of financial markets
To understand the tools of financial markets
Students will be in a position to understand the fundamentals of institutional set up for both long term and short term financial requirements of business houses
Students will be prepared to work in stock market operation

**Operations Research**

Studying this subject makes individuals solve real world problems
Helps in enhancing analytical skills and creativity
Economic and predictive models helps in predicting the future behaviour of economic variables
To help managers give a better basis for making decisions under uncertainty
Becoming an OR student specialist can make a great living

To assist in the areas of production scheduling and cost control/ minimization

**DEPARTMENT OF TOURISM & TRAVEL MANAGEMENT (M.A.)**

**DEGREE: M.A- I YEAR**

**SEMESTER - I**

**SUBJECT NAME: PRINCIPLES OF TOURISM**

**CODE: HAU1A**

- **CO1** - Gain a comprehensive understanding of the general principles and practices of management and their application to the development of a tourism business.
- **CO2** - Apply the student’s knowledge to a variety of questions on tourism management issues and to improve their communication skills.
- **CO3** - To have a sound understanding and a critical awareness of contemporary tourism management issues.
- **CO4** - To introduce the fundamental principles of tourism and provide a framework that effectively integrates theory and practice.
- **CO5** - Apply the principles and theories which underpin the different forms of tourism.
- **CO6** - The course examines how different components of the industry work together to create a unified, successful travel experience.
DEGREE: M.A- I YEAR          SEMESTER - I
SUBJECT NAME: HOSPITALITY INDUSTRY   CODE: HAU1B
➤ CO1 - The genesis and growth of hospitality industry is clearly described
➤ CO2 – Departments in an organization is well elaborated so as to enable an individual to choose the career profile
➤ CO3 – Analysis of Man Power planning and management helps to identify the leakages within the organization
➤ CO4 - Catering establishments and its functionalities are well established
➤ CO5 – Enables an individual to compare different categories of services in hospitality industry
➤ CO6 – Automation and its scope towards the growth of hospitality industry is examined.

DEGREE: M.A- I YEAR          SEMESTER - I
SUBJECT NAME: INDIAN TOURIST PANORAMA   CODE: HAU1C
➤ CO1 - A comparative study of tourist attractions are enabled and thus provides a clarity towards efficient planning of success of tourist attraction
➤ CO2 – Analysis of different kinds of tourism which overlaps each other
➤ CO3 – Various possible religious sites available for tourist are identified
➤ CO4 - Major tourist attractions throughout India are elaborately studied which will facilitate better understanding of country’s tourism potential
➤ CO5 - Cultural and historical values and other associated aspects such as festivals, customs, art and craft, music, dance and drama add richness to the existing tourist resources.

DEGREE: M.A- I YEAR          SEMESTER - I
SUBJECT NAME: TOURISM BUSINESS   CODE: HAU1D
➤ CO1 - Government and its role in tourism development in India is thoroughly analyzed
➤ CO2 – International organizations and its cooperation towards growth of tourism is elucidated
➤ CO3 – Travel Organizations and their functions, and procedures to commence an organization is clearly structured
➤ CO4 – Planning initiated at national, regional and local level and their influence on tourists and industry is broadly described which will facilitate an individual to know all the regulations and procedures to initiate tourism business
➢ CO5 – Various career opportunities in the industry are explored which is a boon to become a tourism professional with wide array of knowledge

DEGREE: M.A- I YEAR
SUBJECT NAME: CULTURAL HERITAGE OF INDIA
CODE: HAU0EA

➢ CO1 – Ancient Civilizations and their structural plans in habitation give a perspective to look for future initiatives in the current scenario
➢ CO2 - Empires and its contribution towards art and architecture is elaborately discussed
➢ CO3 - Anthropological analysis provides an insight on socio cultural lifestyle of people of ancient past
➢ CO4 – Provides a comparative study of cultural values of past and present
➢ CO5 - Assesses all the tourist potentials available on cultural perspectives so as to cater the tourists.

DEGREE: M.A- I YEAR
SUBJECT NAME: ORGANISATIONAL BEHAVIOUR
CODE: HAU02A

➢ CO1 - defines organizational behavior and its reflection in perspectives of an individual or a group
➢ CO2 – Motivation theories provides a knowledge on employees and their expectations which will facilitate the management to frame policies considering employee benefits
➢ CO3 – Communication concept gives an insight on various benefits as well as the pitfalls associated with the smooth functioning of the organization
➢ CO4 - Leadership styles and supervision concepts prepare an individual to work in a team and gain the confidence of the members
➢ CO5 – Effective methods of handling stress and strategies to overcome the same will prepare an individual to be prepared to face the competitive world.
➢ CO6 – This course prepares an individual to face the industry in all dimensions including physical, mental and emotional aspects

DEGREE: M.A- I YEAR
SUBJECT NAME: CUSTOMER RELATIONS AND SERVICE MANAGEMENT
CODE: HAU2B

➢ CO1 – Service, its characteristics, quality and the need for the same is thoroughly analyzed
➢ CO2 - Methods to position in the market through effective measures is studied
➢ CO3 – Role of information system in quality service delivery is assessed
➢ CO4 – Competence in handling the gap between customer perception and expectation is achieved
➢ CO5 - Customer and Employee relationship is scrutinized which acts as the key to success of an organization

DEGREE: M.A- I YEAR SEMESTER - II
SUBJECT NAME: PUBLIC RELATIONS AND JOURNALISM IN TOURISM
CODE: HAU2C
➢ CO1 -Defines public relations, its evolution and process which will result in identifying the possible errors
➢ CO2 - Journalism features and ethics provide an insight on the ideology involved in journalism
➢ CO3 – Mass Medi Communication tools enables effective planning of ideal mode of communication to reach the public
➢ CO4 – A sense of Social Responsibility is achieved by learning the basic values associated with this course
➢ CO5 – Travel writing skills are definitely kindled within an individual which can further uplift the skill of article writing

DEGREE: M.A- I YEAR SEMESTER - II
SUBJECT NAME: TOURISM MARKETING CODE: HAU2D
➢ CO1 -Statistics and methods of measuring the tourist arrival is enabled
➢ CO2 -Segmenting tourism product and tourist facilitates a better understanding of the needs of the tourist
➢ CO3 – difference between travel market and commodity market is empowered
➢ CO4 – Analysis of demand and supply helps in identifying the real tourist potentials in the market
➢ CO5 – Pricing strategies will assist in recognizing the target group and their expectations
➢ CO6 – Various impacts of tourism will be able to forecast the future prospects in tourism

DEGREE: M.A – I YEAR SEMESTER - II
SUBJECT NAME: HUMAN RIGHTS CODE: HAUEB
CO1 - The programme provides the student with the capacity to identify issues and problems relating to the realization of human rights, and strengthens the ability to contribute to the resolution of human rights issues and problems related to tourism.

CO2 – To analyze an increasingly globalized world, international cooperation must be improved to facilitate compliance with human rights obligations and responsibilities and the effective mobilization of maximum available resources for the realization of human rights.

CO3 - The role of human rights in contemporary issues relating to terrorism, religion, ethnicity, gender and development.

CO4 - Different forms of promoting and implementing human rights, domestically as well as on the international level.

CO5 - Pursue an academic career in human rights.

CO6 - It also develops investigative and analytical skills.

DEGREE: M.A- II YEAR

SUBJECT NAME: FRONT OFFICE MANAGEMENT
CODE: HAU3A

CO1 - Organization chart and its functioning is clearly defined
CO2 – Various departments in the hotel operations and its linkages with front office is clearly understood
CO3 – Methods and procedures of making reservations is analyzed
CO4 - Roles and responsibilities within the front desk is categorized
CO5 – Financial Accounting and settlement of accounts is properly assessed since this serves to be the major revenue generation area within a hotel

DEGREE: M.A- II YEAR

SUBJECT NAME: HUMAN RESOURCE MANAGEMENT
CODE: HAU3B

CO1 - Contribute to the development, implementation, and evaluation of employee recruitment, selection, and retention plans and processes.
CO2 - Facilitate and support effective employee and labour relations in both non-union and union environments.
CO3 - Collaborate with others, in the development, implementation, and evaluation of organizational and health and safety policies and practices.
CO4 - Develop, implement, and evaluate organizational development strategies aimed at promoting organizational effectiveness.
CO5 - Manage own professional development and provide leadership to others in the achievement of ongoing competence in human resources professional practice.
➢ CO6 - Facilitate and communicate the human resources component of the organization's business plan.

DEGREE: M.A- II YEAR  
SUBJECT NAME: RESEARCH METHODOLOGY  
CODE: HAU3C

➢ CO1 - Research methods and techniques will enable to identify a research area with clear perspective
➢ CO2 – Inculcates a spirit within an individual to pursue research in tourism
➢ CO3 – Data collection through proper modes will enable authenticity of collected data
➢ CO4 – Research writing habit is incorporated within an individual with more clarity and different perceptions
➢ CO5 – Different mechanics of writing will facilitate a better understanding of research output

DEGREE: M.A- II YEAR  
SUBJECT NAME: MANAGEMENT INFORMATION SYSTEM IN TOURISM  
CODE: HAUED

➢ CO1 – Role of Management Information System in tourism is identified
➢ CO2 - Computerized Reservation Systems is clearly understood
➢ CO3 - Decision Making Concept gives a better vision of the functioning of the process
➢ CO4 – Data Base Management System will result in efficient functioning of the system
➢ CO5 - Intelligence and its challenges faced in the current scenario is elaborately analyzed

DEGREE: M.A- II YEAR  
SUBJECT NAME: AIR TICKETING AND FARE CONSTRUCTION  
CODE: HAU4A

➢ CO1 – Analysis of Airline Organization and its role in smooth and safe air travel is discussed
➢ CO2 - Fare Calculation Principles and procedures are clearly understood
➢ CO3 - All the mandatory travel documents and its procedures are analyzed in detail
➢ CO4 – Types of tours and reservation procedures and components are discussed
➢ CO5 – Journey types are described and fare categories are differentiated

DEGREE: M.A- II YEAR  
SUBJECT NAME: ECO TOURISM  
CODE: HAU4B

➢ CO1 - Environment and its impacts towards tourism promotion is intensely discussed
➢ CO2 – Types of eco-tourism initiatives are distinguished
➢ CO3 - International and national involvement through various organizations in conserving the environment is assessed
➢ CO4 - Various strategies and methods that can be adopted towards environmental protection is constructed through case studies, field works, etc
➢ CO5 – Vulnerable tourist destinations can be identified and measures can be taken towards protection

DEGREE: M.A- II YEAR SEMESTER - IV
SUBJECT NAME: GLOBAL TOURISM I CODE: HAUEG
➢ CO1 – Clarity on growth and trends of tourism on global level is achieved
➢ CO2 - European destination knowledge is clearly obtained
➢ CO3 – Positioning of European tourism in global level is differentiated through statistical analysis
➢ CO4 – Tourist potentials in United states discussed in detail provides a comparative analysis on tourism in Europe and United States of America
➢ CO5 – Clarity on contemporary issues will facilitate in forecasting future trends in global tourism

DEGREE: M.A- II YEAR SEMESTER - IV
SUBJECT NAME: GLOBAL TOURISM II CODE: HAUEH
➢ CO1 - Barriers and obstacles in tourism on global level is analyzed
➢ CO2 – Scope for Convention tourism on global level is identified
➢ CO3 – Analysis of wealth of tourism in Middle East countries will provide an insight on how to formulate strategies for promotion of tourism
➢ CO4 – Impact of geography on tourism is evaluated and clear data on the same is provided to the international tourists so as to increase foreign exchange earnings
➢ CO5 – Destination Knowledge gives more scope for career in tourism operations

DEPARTMENT OF MATHEMATICS

Algebra:
1. Polynomials can be used to express energy, voltage and inertia
2. Theory of Equations are used to translate complex mathematical problems into simple equations and can be solved.
3. One important concept of functions is the purchase of an item with a debit card
4. Sequences are used to represent months, days etc

**Trigonometry:**

1. To study the pattern of waves
2. Used to measure the height of a building
3. Measuring fields and installing ceramic tiles etc

**Differential Calculus:**

1. In Financial Sector
2. Rate of reaction in Chemistry
3. Rate of growth of organisms in Biology
4. Rate of change in Physics
5. Architecture etc

**Analytical Geometry:**

1. Measurement of Area, Volume etc
2. Architecture

**Integral Calculus:**

1. Architecture
2. Electrical Engineering where circuits are used
3. Calculation of Volume
4. Calculation of kinetic energy
5. Finding Probability etc.

**Differential Equations:**

1. Creating Software
2. Creating games, algorithms
3. Artificial Intelligence
4. Networking etc

**Transform Techniques:**

**Laplace Transforms**

1. Used in System Modelling
2. Analysis of Electrical Circuits
3. To process Digital Signals
4. In the field of Nuclear Physics

**Fourier Transforms**

1. Fourier Transforms are used in signalling
2. Multidimensional Fourier transforms are used in imaging
3. Fourier Transforms are used in used in the study of optic theory and oceanography.

**Statics:**

1. Study of Forces, mass, rest, motion equilibrium etc
2. In the study of Oscillation of Pendulum
3. Study of suspensions by thread etc

**Algebraic Structures:**

1. Calculation of interest on loans
2. Calculation of Saving and Investments
3. Representation of sales projections etc
Real analysis:
1. Discrete Dynamical Systems
2. Vibrations in string
3. Wavelets
4. Convexity and Optimization

Dynamics:
1. Calculation of Velocity, acceleration etc
2. Calculation of work, energy, power etc
3. Trajectory of projectiles
4. Collision of rigid bodies etc

Discrete Mathematics:
1. It is used for coding and decoding
2. Reading barcodes and QR codes
3. Used in Networking
4. Used in Google Maps
5. Area code, job scheduling, Railway Planning etc

Complex Analysis:
1. It is used in Engineering Techniques
2. Study of AC and DC currents
3. Stereographic Projections

Numerical Methods:
1. Used in approximations
2. Used in Estimation of ocean currents
3. Study of Airflow in respiratory tract
4. Used to study the re-entry simulation of space shuttles
5. Study of Electromagnetism etc

Operations Research:
1. In industries OR is used in decision making, capital budgeting, scheduling, assignment of jobs etc
2. Used in designing short cut keys in computer keyboard
3. Used to identify shortest routes
4. Used to study the nature of a queue
5. Used in National Defence Services
6. Used to establish an industry
7. Used in research and development in engineering
8. Used in production of items, storage, transportation and calculation of profit-loss in the transaction.

Graph Theory:
1. Identification of shortest routes
2. Used in Computer Science and Technology
3. Used in creation of social networking
4. Used in modern coding theory
5. To represent the structure of chemical atoms and molecules in Chemistry
6. Used to study the metabolic network in Biology etc

Mathematical Statistics:

1. Used in Collection of data, samples and analysis
2. Used in the comparison of data
3. Used in Forestry in identification of landscape for cultivation of trees
4. Comparison of money spent over a period of time
5. Used in different fields of sciences for comparison of values

Allied Mathematics:

1. Used in Engineering Mathematics in Problem solving
2. Used in finding area, volume using integration
3. Used in Critical and Abstract thinking

DEPARTMENT OF PHYSICS

Semester- I - MECHANICS AND PROPERTIES OF MATTER (SAR1A)

This course is expected to

➢ Understand the impulse, laws of impact, various impact between smooth spheres and study the behavior of rigid body dynamics
➢ Familiarize the centre of gravity in hemisphere, hollow hemisphere
➢ Analyze the performance of hydrostatic and hydrodynamics
➢ Get the concept of the elastic behavior and working of torsional pendulum
➢ Understand the bending behavior of beams and analyze the expression for young's modulus
➢ Acquire knowledge on the surface tension and viscosity of fluid

Semester-II - THERMAL PHYSICS AND ACOUSTICS (SAR2B)

➢ Understand the nature of calorimetry by specific heat of solids and law of thermodynamics
➢ Define the zeroth law of thermodynamics and entropy
➢ Acquire knowledge on low temperature physics
➢ Analyze thermal conductivity measurement methods, black body radiation and solar radiation measurement
➢ Analyze waves and different oscillations
➢ Understand the basic properties and production of ultrasonics by different methods
➢ Explore various aspects of halls and auditoriums

**Semester - III - OPTICS (SAR3A)**

➢ Understand the natural behavior of aberration in lens and dispersion produced by prisms
➢ Acquire knowledge on the theory and experiment of interference using air wedge, Newtons rings and michelson interferometer
➢ Insight into the theory and experimental aspects of diffraction by fresnels and fraunhoffer methods
➢ Gain the knowledge the double refraction and polarization effect of light
➢ Understand the theory and application of Microwave and Raman spectroscopy
➢ Study about production of laser and it’s applications

**Semester-IV - ATOMIC PHYSICS (SAR4A)**

➢ Understand the movement of charge in electromagnetic field and mass spectrograph
➢ Study the photoelectric effect, photoelectric cells and Einstein photoelectric equation
➢ Provide knowledge on various atomic models, coupling schemes and stern –Gerlach experiment
➢ Understand energy level splitting, Zeeman effect and theoretical explanation
➢ Study the properties, uses of X-rays and its interaction with matter

**Semester-V - ELECTRICITY AND ELECTROMAGNETISM (SAR5E)**

➢ Understand the ionic mobilities, various thermoelectric effect and determination of coefficients.
➢ Analyze the growth and decay of current in a dc circuit with resistance and capacitor
➢ Study the power factor and current values in AC circuit containing LCR circuit
➢ Understand the magnetic effects in solenoid carrying current
➢ Provide knowledge on laws of magnetic induction, measurement of earth’s magnetic field

**Semester-V - NUCLEAR AND PARTICLE PHYSICS (SAR5B)**

➢ Understand the general properties of nuclei, types nuclear models
➢ Acquire knowledge on radioactivity and characteristics of alpha and beta ray
➢ Know about the radiation detectors and particle accelerators
➢ Understand the nuclear fission and fusion reactions
➢ Gain knowledge on elementary particles and interactions

**Semester-V -- SOLID STATE PHYSICS (SAR5C)**
➢ Acquire knowledge on the crystal structure and its basic characteristics
➢ Understand the various X-crystallographic methods and Crystal defects
➢ Able to know the different types of chemical bonding
➢ Study the theory and application of superconductors
➢ Gain knowledge on the properties of dielectric materials and various polarization mechanisms
➢ Study the various types of magnetism and classical, quantum theory of magnetism

**Semester-V - BASIC ELECTRONICS (SAR5D)**
➢ Understand the basics of semiconductor based on energy band
➢ Able to know the amplifiers and its parameters with transistor
➢ Gain knowledge on the feedback mechanisms in oscillator
➢ Acquire knowledge on the wave shaping circuits and multivibrators
➢ Understand the special semiconductor type devices FET, UJT and its characteristics

**Semester-V - NUMERICAL METHODS (SER5A)**
➢ Gain the ability of solving linear algebraic equations
➢ Able to understand the numerical solution of algebraic, transcendental and differential equation
➢ Gain knowledge on Newton’s forward and backward interpolation formulae
➢ Acquire knowledge on curve fitting and application of it
➢ Understand the numerical integration and application of it

**Semester-VI - Relativity and Quantum mechanics (SAR6A)**
➢ Define inertial frame, state the principles of special and general theory of relativity
➢ Know the concept of wave particle duality and uncertainty principle
➢ Understand the concept of quantum mechanics and wave function
➢ Gain basic knowledge on the momentum operators in quantum mechanics
➢ Able to provide solution using quantum wave function in particle in a box

**Semester-VI  -  Mathematical Methods (SAR6B)**

The course is expected to

➢ Get the knowledge about vector algebra and matrices
➢ Finding the series solution for differential equations (Bessel, Hermitte & Legendre)
➢ Analyze the functions of complex variables
➢ Acquire knowledge about formulations of Lagrangian and Hamiltonian functions
➢ Understanding the fundamentals of Statistical Mechanics

**Semester-VI  -  Integrated electronics (SER6A)**

➢ Understand the fundamental of digital electronics and universal building blocks
➢ Acquire knowledge on the adder, subtractor, multiplexer, coder and decoder
➢ Analyze the sequential logic circuits
➢ Gain knowledge on the parameters and apply operations involved in operational amplifier
➢ Know the block diagram of timer 555 and perform the D/A and A/D conversion.

**Semester VI  -  Microprocessor fundamentals (SER6B)**

➢ Know the architecture of the 8085 and its various pin functions
➢ Understand the different sets of instruction sets and addressing mode
➢ Gain knowledge on various programming techniques addition, subtraction, multiplication etc
➢ Design the circuits of i/o and memory unit interface
Gain knowledge on interrupt in 8085

DEPARTMENT OF CHEMISTRY

1st Semester Subject General Chemistry – I Subject Code: TAT1A

➢ Able to write electronic configuration of given atomic number.
➢ Able to recognize shapes of atomic and molecular orbitals and there in the nature of chemical bond.
➢ Able to calculate bond order of different molecules.
➢ Able to draw MO diagrams of different molecules.
➢ Able to draw structures of different ionic solids.
➢ Able to calculate effective nuclear charge using Slaters Rule.
➢ Able to write the fundamental reactions behind the qualitative analysis
➢ To name organic compounds, classify and apply the fundamental reasoning for the properties of organic compounds
➢ Apply the fundamentals o solve the problems for competitive exams

II Semester General Chemistry – II Subject code: TAT2A

➢ Able to identify the elements belonging to s block
➢ Able to identify the elements belonging to p block
➢ Able to identify the nature of gaseous whether ideal or real
➢ Able to identify the nature of materials whether they possess the properties of true, suspension or colloidal solutions.
➢ Able to identify the applications and use of nano materials
➢ Able to write fundamental equations pertaining to the preparation properties of alkanes, cyclo alkanes alkenes, alkynes
➢ Able to make models to understand the stereochemistry of the organic molecules

Chemistry Practical-I Sub code: TAT21

➢ Able to handle basic laboratory equipments with safety
➢ Able to carry estimation experiments to estimate the amount of ions, acids, base etc
➢ Able to prepare compounds from scrap materials

Allied chemistry-I Subject code: TBTAC

➢ Able to distinguish between nuclear reaction and chemical reaction, fission and fusion reactions
➢ Able to know about the calorific value about the fuel, identify the nature of fertilizers and its importance
➢ Able to identify polluted and normal water by know the parameters
➢ Able to identify simple organic compounds, write organic reactions.
➢ Able to identify the CFCs, Common pesticides and health hazards,
➢ Able to know the nature of polymer and its uses
➢ Able to harness the solar energy with the fundamentals learned

Allied Chemistry-II Sub code: TATAD
➢ Able to identify and suggest the use of coordination compounds for various applications
➢ Able to identify the nature of carbohydrates, proteins in their daily food diet
➢ Able to apply the fundamentals of phase diagram to understand the nature of alloys
➢ Able to identify and apply the concepts to convert electrical to chemical energy and vice versa
➢ Able to use fundamentals of purification and separation techniques for their projects

Allied Chemistry practical’s Subject code: TABT1
➢ Able to handle basic laboratory apparatus
➢ Able to carry simple experiments to estimate the amount of acids and bases
➢ Able to carry simple experiments to find the food adulterants

3rd Semester Paper-IV General chemistry-III Subject code: TAT3A
➢ Able to identify the elements of nitrogen and oxygen family
➢ Able to apply the mechanistic skills in predicting the products in organic reactions
➢ Able to identify the elements of halogen family
➢ Able to identify the noble gases
➢ Able to identify the nature of systems and processes involved in daily life processes
➢ Able to recognize and draw the structures of benzene and polynuclear hydrocarbons.

4th Semester Paper-V Inorganic chemistry-I Subject code TAT4A
➢ Able to calculate oxidation number for compounds
➢ Able to balance redox reactions using oxidation no method
➢ Able to identify the elements of d and f block elements
➢ Able to draw and write reactions of heterocyclic compounds
➢ Able to write structures, identify the reactions, suggest synthetic methodology to prepare alcohols, thiols, ethers and thioether and convert them into other useful compounds
➢ Able to calculate the efficiency of heat engine
➢ Able to derive Maxwell’s thermodynamic and other important thermodynamic equations like gibbs Helmholtz equation etc.

Chemistry Practical’s-II Sub code TAT4I
➢ Able to carry experiments to identify acid and basic radicals in a mixture of salts
➢ Able to use spot tests and spot reagents to identify cations and anions

V Semester  INORGANIC CHEMISTRY-II  Sub code: SAD5E

➢ Able to write structures for coordination compounds
➢ Able to calculate the crystal field stabilization energies for the octahedral and tetrahedral complexes
➢ Able to predict the hybridisation involved in various complexes
➢ Able to predict the magnetic nature of the complexes
➢ Able to write composition and structure of zeolites, organo metallic compounds

ORGANIC CHEMISTRY-I  Sub code: SAD5G

➢ Able to write the order of reactivity of different carboxylic acid derivatives
➢ Able to describe different classes of alcohols
➢ Able to write down structure of phenol and phenoxide ion
➢ Able to write particular reactions for the most important heterocyclic as well as different systems of nomenclature
➢ Able to fully comprehend the chemistry of nitrogen containing compound

PHYSICAL CHEMISTRY-I  Sub code SAD5D

➢ Able to recognize the thermodynamics of one and two component system
➢ Able Recognize the basic concepts of thermodynamics
➢ Able to predict the reversible and irreversible reaction
➢ Able to understand the behavior of ideal and non ideal solutions
➢ Able to understand the physical significance of third law of thermodynamics

PHARMACEUTICAL CHEMISTRY  Sub code: SEDAC

➢ Able to identify the symptoms of common diseases
➢ Able to identify the drug and its name
➢ Able to understand about the dosage of the drug
➢ Able to know about the various routes of administration of the drug
➢ Able to identify the nature and compounding of drugs
VI Semester  
ORGANIC CHEMISTRY –II  
Sub code:SAD6E

➢ After completion of course students should have the ability to identify organic compounds by analysis and interpretation of spectral data.

➢ Able to apply the knowledge to further upgrade their skill in PG courses
➢ Able to recognize the nature and industrial aspects of alkaloid and terpenoid compounds
➢ Able to be familiar with the understanding to handle biomolecules at various perspectives of life.
➢ Able to write reaction mechanism and have complete understanding of various naming reactions and molecular rearrangements

PHYSICAL CHEMISTRY-II  
Sub code:SAD6G

➢ Able to predict the kinetics of reaction
➢ Able to calculate the rate of the reaction
➢ Able to calculate the conductivity, resistance and emf
➢ Able to predict the symmetry of molecules
➢ Able to apply and calculate the absorbance using laws of photochemistry
➢ Able to construct group multiplication tables and predict the point group of the molecule

ANALYTICAL Chemistry  
Sub code:SAD6C

➢ Able to understand the working principles of the various analytical techniques
➢ Able to acquire knowledge and use to detect errors
➢ Able to analyze data and interpret the results
➢ Able to handle instruments with proper understanding

ORGANIC PRACTICALS  
Sub code:SAD62

Able to apply the skills in synthesizing organic compounds

ANALYTICAL CHEMISTRY  
Sub code:SAD64

Able to estimate the amount of elements using gravimetric method

PHYSICAL CHEMISTRY PRACTICALS  
Sub code SAD63

Able to handle conductivity meter, potentiometer, Transition temperature apparatus etc

INDUSTRIAL CHEMISTRY  
Sub code: SEDAB

➢ Able to develop entrepreneur skills
➢ Able to work in petroleum industry
➢ Able to carryout assignments given at fertilizer manufacturing units
➢ Able to work in oil, soap industry with good efficiency
➢ Able to understand the environmental problems that arises in the industrial atmosphere

POLYMER ELECTROCHEMISTRY
Sub code: SEDAG
➢ Able to know the type of polymer
➢ Able to know the composition of the polymers used in day to life
➢ Able to know the methods of polymerization
➢ Able to calculate the molecular weight of the polymer
➢ Able to find out glass transition temperature from Thermograms

DEPARTMENT OF PHYSICS with COMPUTER APPLICATION

Department: Physics with Computer Application
Subject Name: Mechanics & Properties of Matter
Subject Code: TAC1A

1. Study the elastic behaviour of Solids within the Hooke’s limit and working of torsional pendulum.
2. Study of bending behaviour of beams (cantilevers) and analyse the expression for young’s modulus.
3. Understand the surface tension and viscosity of fluid.
4. To understand the capillary action of the liquids due to surface tension.
5. Using Reynolds’s number to determine whether the liquid flow is streamline or turbulent.

Department: Physics with Computer Application
Subject Name: Thermal Physics & Acoustics
Subject Code: TAC2A

1. Understand how heat is transferred from hot body to cold body by the nature of calorimetry by specific heat of solids and law of thermodynamics and entropy.
2. Analyses of zeroth law of thermodynamics and entropy.
3. Analyses of first law & second law of thermodynamics and imaging constructing 100% efficient engines.
4. Understanding the low temperature physics using porous plug experiment.
5. Analyses thermal conductivity and black body radiation using Planck, Wien’s & Stefan’s law.
6. Analyse waves and oscillations.
7. Study the basic properties and production of ultrasonics by different methods.
8. Construction of auditoriums and halls using the concepts of echoes and reverberation.

Department: Physics with Computer Application
Subject Name: Optics
Subject Code: TAC3A

1. Understand the natural behaviour of aberration in lens and to study about the deviation with dispersion in prism and vice versa.
2. Study the theory and experiment of interference using air wedge, Newton’s rings and Michelson interferometer.
3. Study the theory and experimental past of diffraction by Fresnel’s and fraunhoffer methods.
4. Understand the resolving power of telescope, microscope, prism & Telescope.
5. Study the theories for production of polarization of light using polarizer and to analyze them using analyzer.
6. Understand the theory and application of microwave, infrared and Raman spectroscopy.
7. Study about the different types of laser and its application in the various fields.

Department: Physics with Computer Application  
Subject Name: Basic Electronics  
Subject Code: TAC3B  
Semester: III

1. Understand the classification of materials based on band gap of solids.  
2. Learning about P-Type, N-Type semiconductors and PN junction diodes.  
3. Understand about PNP, NPN transistors in CE, CB, CC modes.  
4. Learning about feedback and how it is used in amplifiers.  
5. Generating various waveforms using transistors.  
6. Study about the characteristics of FET, UJT & SCR amplifiers.

Department: Physics with Computer Application  
Subject Name: Atomic Physics  
Subject Code: TAC4D  
Semester: IV

1. Understand the properties of electrons and to find the specific charge of e using Dunnington’s method.  
2. To study about Photoelectric effect and its application.  
3. Analyse the atomic structure using vector model and to know about the different types of coupling.  
4. Analyse the ideas of basics of ionization potential to know about zeeman effect, stark effect etc.  
5. Understand the properties of x-ray’s verification and to find the different uses of x-rays.

Department: Physics with Computer Application  
Subject Name: Integrated Electronics  
Subject Code: TEC4A  
Semester: IV

1. Understand the fundamentals of codes and number system and to know the laws of boolean algebra.  
2. Understand to construct logical circuits like full adder, full subtractor etc.  
3. Understand the functions and working of flipflop circuits as registers and counters.  
4. Perform the basic operations of OP-AMP and its application.  
5. Perform the basic operations of 555 TIMER and its application.

Department: Physics with Computer Application  
Subject Name: Nuclear and Particle Physics  
Subject Code: TAC5A  
Semester: V

1. Understand the basic properties of nuclei and to know about model of the nuclei.  
2. To study about natural as well as artificial radioactivity and to know about its uses.  
3. To know the different types of particle accelerators and to measure the ionizing radiation.  
4. Understand the concept of nuclear fission and fusion reaction.  
5. To know the elementary particle using quark model.

Department: Physics with Computer Application  
Subject Name: Solid State Physics  
Subject Code: TAC5B  
Semester: V
1. Understand the basic concepts of force between atoms and bonding between molecules and to know about the different types of crystal systems.
2. Analyse the crystal using X-ray diffraction using Bragg’s law and to determine the imperfections in them.
3. Understand the properties of chemical bonds and to study the properties of superconductors.
4. Understand the different types of polarization and to study about dielectrics properties.
5. To study about the different types of magnetic properties.

Department: Physics with Computer Application  Semester: VI
Subject Name: Electricity and Electromagnetism  Subject Code: TAC6D

1. Understand the chemical effects of electric current and vice versa.
2. To study about the growth and decay of current in AC and DC circuits.
3. To know the magnetic effect of electric current using ballistic galvanometer.
5. To know about Electromagnetic theory and deduce maxwell equation.

Department: Physics with Computer Application  Semester: VI
Subject Name: Relativity and Quantum Mechanics  Subject Code: TAC6B

1. Understand the general and special theory of relativity.
2. To know about the wave nature of matter.
3. To interpret time independent and time dependent Schrodinger equation.
4. Understand about angular momentum and to study about different types of quantum numbers.
5. Interpret the applications of Schrodinger equation.

Department: Physics with Computer Application  Semester: VI
Subject Name: Microprocessor Fundamentals  Subject Code: TEC6A

1. Understand about the architecture of microprocessor 8085.
2. To know about simple programs in 8085 using assembly language.
3. Understand about interfacing of 8085 with various memories.
4. Understand about interfacing of 8085 with various I/O devices.
5. To study about the priority of interrupts.

Department: Physics with Computer Application  Semester: II
Subject Name: Physics Core Practical - I  Subject Code: TAC22

1. Study the elastic behaviour of materials.
2. Analyse the liquid based on surface tension and viscosity properties.
3. Verify the laws of stretched string using sonometer.
4. To observe heat transfer by the method of mixtures.
5. To study the properties of transparent lenses.
6. To determine the spectra of different sources of light.
7. To measure the potential difference using potentiometer.
8. Understand the applications.
1. Study the elastic behaviour of materials.
2. To determine the acceleration due to gravity of a place.
3. Verify the laws of stretched string using sonometer.
4. To observe the thermal conductivity of a bad conductor.
5. To determine magnetic moment and horizontal component of earth magnetic induction.
6. To study the wavelengths of different sources of artificial light.
7. To know the basics of Cathode ray oscilloscope.
8. Understand the applications.

1. Study the elastic behaviour of materials.
2. To study about interference of light.
3. To determine magnetic moment and horizontal component of earth magnetic induction.
4. To determine the various electric and magnetic properties using ballistic galavnometer.
5. Understand the applications.

1. To analyse the growth and decay of resonant circuit.
2. To convert a.c to d.c using diodes.
3. To study about the characteristics of various transistors.
4. To realize Boolean operations using gates.
5. To construct counters and registers.

1. To perform assembly programs using microprocessor 8085.
2. To study the various characteristics of OP-AMP.
3. To study the various characteristics of 555 timer.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION SYSTEM
Subject Name: **CIRCUIT THEORY**  
Subject Code: TAG1A  
Semester: I

**Upon completion of this course, the students will able**

- To analyse the basic electrical circuits.
- To understand the basic theorems used in electrical circuit analysis.
- To apply the circuit theorems in real time.
- To design and understand and evaluate the DC circuits.
- To solve or give solutions to the basic circuits.

Subject Name: **MAIN PRACTICAL I**  
Subject Code: TAG11  
Semester: I

**Upon completion of this course, the students will able**

- To practice the basic of electrical circuits.
- To understand the series and parallel circuits.
- To operate the CRO and Multimeter.
- To design and evaluate the basic circuits.
- To solve or give solutions to the resonance circuits.

Subject Name: **BASIC ELECTRONICS**  
Subject Code: TAG2A  
Semester: II

**Upon completion of this course, the students will able**

- To know the basic electronic devices.
- To explain the V-I characteristic of diode, UJT and FET.
- To describe the equivalence circuits of transistors.
- To understand the basic electronic devices such as PN junction diode, Bipolar and Field effect Transistors.
- To get exposure to other devices like power and opto-electronic devices.
- To apply the knowledge gained in devices in an electronic circuit.

Subject Name: **MAIN PRACTICAL II**  
Subject Code: TAG21  
Semester: II

**Upon completion of this course, the students will able**

- To practice the basic of electronic devices.
- To understand the characteristics of electronic circuits.
❖ To design rectifier and regulated power supply.
❖ To design and evaluate the logic circuits.
❖ To study the characteristics of UJT and FET.

Subject Name: ELECTRICITY, MAGETISM AND ELECTROMAGETISM
Subject Code: TAG3A
Semester: III

**Upon completion of this course, the students will able**

❖ To know the fundamental electromagnetic laws and concepts
❖ To write Maxwell's equations in integral, differential and phasor forms
❖ To explain electromagnetic wave propagation
❖ To solve simple problems of electric and magnetic field quantities.
❖ To get exposure of its usage in communication fields.

Subject Name: AMPLIFIERS AND OSCILLATORS Subject Code: TAG3C
Semester: III

**Upon completion of this course, the students will able**

❖ To acquire knowledge of uses of BJT as and amplifiers and Oscillators.
❖ To know the design procedures of BJT for amplification
❖ To understand the concepts of amplifiers and negative feedback.
❖ To understand the concepts of Oscillators and positive feedback.
❖ To analyse the performance of small signal BJT and FET amplifiers -single stage and multi stage amplifiers.

Subject Name: BASIC PHYSICS – I Subject Code: TBG3A
Semester: III

**Upon completion of this course, the students will able**

❖ To get knowledge on advanced physics concepts of quantum theory and its applications and microscopes.
❖ To understand the basics of crystals and their operations.
❖ To gain knowledge on the basics of properties of matter and its applications.
❖ To understand the essential principles of Physics of semiconductor device and Electron transport properties.
❖ To correlate it to the device operations clearly.

Subject Name: MAIN PRACTICAL III Subject Code: TAG31
Semester: III
Upon completion of this course, the students will able

❖ To design amplifier circuits.
❖ To understand the concepts of positive and negative feedback.
❖ To design oscillator circuits.
❖ To design and evaluate the operational amplifier circuits.
❖ To design simple applications using op-amp 741 and 555 ICs.

Subject Name: PRINCIPLES OF COMMUNICATION  Subject Code: TAG4A
Semester: IV

Upon completion of this course, the students will able

❖ To know about the fundamental principles of Electronics Communication.
❖ To design concepts of AM communication systems
❖ To understand modulated communication theories.
❖ To Analyse the performance of AM and FM systems
❖ To gain knowledge in sampling and quantization for digital communication.
❖ To get exposure of various types of digital communication.

Subject Name: PROGRAMMING IN C AND OOPS CONCEPTS  Subject Code: TAG4B
Semester: IV

Upon completion of this course, the students will able

❖ To implement simple programs, concepts and operations using C
❖ To understand programming structure and commands in C.
❖ To apply OOPS concepts for a given problem.
❖ To suggest viable solution for an application using system software.
❖ To handle array, pointers and file handling techniques in programming.

Subject Name: DIGITAL ELECTRONICS  Subject Code: TAG4C
Semester: IV

Upon completion of this course, the students will able

❖ To understand the various logic gates and its uses
❖ To use the digital electronics in the present modern applications.
❖ To design various combinational digital circuits using logic gates.
❖ To know the design of synchronous and asynchronous sequential circuits
❖ To get exposure to semiconductor memories and related technologies.
Upon completion of this course, the students will able

❖ To provide basic principles and fundamentals of Physics.
❖ To understand What is physics and the different field of Physics.
❖ To understand the tools and methods that Physicists use range from balance scales to Ultrasonic, Laser beam emitters.
❖ To understand the fundamental laws and their applications in measuring many physical quantities.
❖ To prepare students for careers where Physics principles can be applied to the development of Technology.

Subject Name: MAIN PRACTICAL IV           Subject Code: TAG41
Semester: IV

Upon completion of this course, the students will able

❖ To study the logics of basic digital ICs.
❖ To understand the concepts Boolean laws.
❖ To design flip flop and combinational circuits.
❖ To design and evaluate the multiplexer and decoder circuits.
❖ To design simple counter circuits.

Subject Name: MICROPROCESSOR INTEL 8085    Subject Code: TAG5A
Semester: V

Upon completion of this course, the students will able

❖ To know the internal architecture of Intel 8085 processor,
❖ To understand the concepts of ALU and operations.
❖ To understand and execute programs based on 8085 microprocessor.
❖ To get idea about the memory interfacing circuits.
❖ To design and interface I/O circuits.
❖ To design and implement simple 8085 based applications.

Subject Name: ANTENNAS AND TELEVISION ENGINEERING
Subject Code: TAG5B
Upon completion of this course, the students will be able:

- To apply the basic principles and evaluate antenna parameters.
- To know the different types of antennas and their operations.
- To understand the concepts of propagation in communication.
- To understand the basic theory of Television.
- To know about television system and colour television fundamentals.

Subject Name: **ELECTRICAL AND ELECTRONIC INSTRUMENTATION**

Subject Code: TAG5C

Upon completion of this course, the students will be able:

- To understand the concept of electrical fundamentals.
- To know the concepts in electrical motors and transformers.
- To know the different types of measuring instruments.
- To design simple electrical circuits and measurement.
- To choose appropriate measuring instruments for given application.

Subject Name: **MEDICAL ELECTRONICS (ELECTIVE)** Subject Code: TEGAE

Upon completion of this course, the students will be able:

- To apply the basic concepts of bio signals.
- To know the different types bio amplifiers and instrument parameters.
- To understand the concepts of ECG, EEG and EMG measurements.
- To know the different biomedical instruments operations used for pressure and blood flow measurements.
- To realize the physical medicine methods such as ultrasonic, shortwave, microwave surgical diathermies.
- To understand the basic concepts of advanced techniques in medical electronics.

Subject Name: **MAIN PRACTICAL V** Subject Code: TAG51

Upon completion of this course, the students will be able:

- To understand the assembly language using 8085.
❖ To practice basic arithmetic and data manipulation programs
❖ To convert various number system using 8085
❖ To understand the modulation and demodulation analog signals and circuits.
❖ To understand the modulation and demodulation of pulse signals.

Subject Name: MICROCONTROLLER          Subject Code: TAG6A
Semester: VI

Upon completion of this course, the students will able

❖ To know the internal architecture of 8051 controller.
❖ To understand the concepts of on-chip peripherals.
❖ To program the 8051 using assembly level instructions set.
❖ To design and interface the stepper motor, display units and keyboard.
❖ To know the outline the concepts of embedded systems and PIC controllers.

Subject Name: ADVANCED ELECTRONICS       Subject Code: TAG6B
Semester: VI

Upon completion of this course, the students will able

❖ To understand the advanced concepts of mobile and communication system.
❖ To get exposure in latest trends in electronic industry like MEMS, Solar cell.
❖ Know the basics of Ad hoc networks, mobile OS and Wireless Networks
❖ To know about basics of various nano materials and devices.
❖ To know the functionality of various synthesis processes & characterization.
❖ Apply their knowledge of nanotechnology to identify how they can be exploited for new applications.

Subject Name: COMPUTER NETWORKS          Subject Code: TAG6C
Semester: VI

Upon completion of this course, the students will able

❖ To understand the fundamental layer concepts of Computer network.
❖ To identify the components required to build different types of networks
❖ To know the required functionality at each layer for given application
❖ To classify solution for each functionality at each layer.
❖ To know the various types of inter and intra networks in modern computer networking.
Subject Name: **INDUSTRIAL ELECTRONICS – (ELECTIVE)**  
Subject Code: TEGAB

Semester: VI

**Upon completion of this course, the students will able**

- To know about power electronics devices and their operations and characteristics.
- To get exposure about industrial applications of power devices such as SCR, DIAC, TRIAC and UJT.
- To get knowledge about power supplies, regulators and SMPS.
- To know the basics of speed control operations and circuits.
- To know about basics of industrial heating and welding concepts.

Subject Name: **MAIN PRACTICAL VI**  
Subject Code: TAG61

Semester: VI

**Upon completion of this course, the students will able**

- To understand the assembly language using 8051.
- To practice basic arithmetic and data manipulation programs using 8051
- To interface various modules such as ADC, DAC and Traffic light.
- To understand the LED interfacing concepts with different logics.
- To practice different concepts like block transfer, largest/smallest numbers.

Subject Name: **PROJECT WORK**  
Subject Code: TAG6Q

Semester: VI

**Upon completion of this course, the students will able**

- To apply their technical skill into solution to a problem.
- To design their own solution using various technology.
- To develop their team work ability and execution a project.
- To implement the ideas into real application.
- To communicate and present their work in effective way.

**DEPARTMENT OF COMPUTER SCIENCE**

*Year – I Semester : I*

**Subject : Programming in C**  
Subject Code : SAE1A
To analyze and understand the concepts of data types.

To analyze and understand logical structure and compare various programming methodologies of a computer program, and to develop a program in ‘C’ language.

Write small programs related to mathematical and logical problems in ‘C’.

To analyze and understand the concepts of functions and arrays.

To analyze and understand the concepts of pointers, memory allocation and data handling through files in ‘C’.

Year – I Semester : I
Subject : Programming in C Lab Subject Code : SAE11

✓ Able to write the program of summation of series compile and debug in C language.
✓ Able to use the String Manipulation in a computer program.
✓ Develop programs using arrays with matrix manipulations.
✓ Able to design the programs for sorting and searching algorithm.

Year – I Semester : II
Subject : Digital Electronics and Microprocessor Subject Code : SAE2B

✓ To analyze and understand the concepts of Number Systems.

✓ To clarify the essentials of the working principles of flip flops, different registers and counters.

✓ Bring out the design and architecture of microprocessors.

✓ To write an assembly language code to program a microprocessor system.

✓ To analyze and understand the concepts of the Interrupts and Interfacing input devices.

Department : Computer Science Year – I Semester : II
Subject : Digital Electronics and Microprocessor Lab Subject Code : SAE22
✓ Able to connect the basic logic gate circuits.

✓ Able to demonstrate the working principles of De-Morgan’s Law.

✓ Able to demonstrate the working principles of Binary Adder and Subtractor concepts.

✓ To write an assembly language code in 8 Bit and 16 Bit program on a microprocessor system.

✓ To write an assembly language code to program for sorting and searching, block move elements on a microprocessor system.

**Year – II Semester : III**

**Subject: Programming in C++ and Data Structures**  
**Subject Code : SAE3A**

✓ To analyze and understand the concepts of OOPS, tokens, pointers and functions.

✓ Understand the concept of Constructors, Inheritance and polymorphism techniques and also write programs using the concepts.

✓ Demonstrate the file handling mechanism and data structures.

✓ To study and understand the concepts of stack, queues and linked list, develop efficient algorithms for solving problems.

✓ Understand and study about concepts of Trees and Graphs.

**Year – II Semester : III**

**Subject : Data Structures using C++ Lab**  
**Subject Code : SAE31**

✓ Develop efficient algorithms for solving problems using C++ Language.

✓ Use the stack and queue data structures algorithms in arrays and linked lists for problem solving.

✓ Implement operations on Polynomials.

✓ Design, implement, test, and debug programs the data structures including binary and general tree structures, search trees.

✓ Implement operations on Breadth first Search and Depth first Search.
-Year – II Semester : IV
Subject : Programming in Java Subject Code : SAE4A

✓ Experience in basic concepts of object oriented programming and also Know practical knowledge in OO design concepts.
✓ Develop and understand the concept of control, branching and looping statements, overloading and overriding techniques in Java.
✓ Demonstrate the concepts of Interfaces, Packages and Threads.
✓ Develop and demonstrate about Exception handling and Applets, also write simple programs.
✓ Demonstrate the concepts applied in networking and AWT.

-Year – II Semester : IV
Subject : Programming in Java Subject Code : SAE41

✓ Design and develop simple programs in Java.
✓ Able to design and develop programs for generating random numbers and string manipulations.
✓ Implement the working principles on Thread based applications.
✓ To implement Applet processing.
✓ Design and develop the usage of AWT buttons in problems.

-Year – III Semester : V
Subject : Operating Systems Subject Code : SAE5A

✓ State the functioning of operating systems
✓ Compare the performance of various process scheduling algorithms
✓ Analyze the implementation of processes and problems related to process synchronization
✓ Find how to manage the resources like memory, I/O devices and files
✓ Analyze and study the functioning of virtual memory and file systems.
✓ Demonstrate the functioning of I/O Systems and Secondary Storage Structures.

Year – III Semester : V
Subject : Data Base Management Systems    Subject Code : SAE5B

✓ Describe fundamental elements of a database management system.
✓ Transform an information model into a relational database schema.
✓ Use an effective design of forms and events on the application.
✓ Write complex queries to solve the real world problems.
✓ Study and analyze the development stages of software and client-server databases.

Year – III Semester : V
Subject: Computer Architecture and Organisation    Subject Code : SAE5C

✓ To study and compare the evolutions of computers and bus interconnections.
✓ To understand and study about the Memory and their types, basics of RAID.
✓ Demonstrate the programming proficiency using the various addressing modes and data transfer instructions.
✓ To apply knowledge of the processor’s internal registers and their operations.
✓ To analyze and understand the concepts of Micro Programmed control concepts.

Year – III Semester : V
Subject : Visual Programming    Subject Code : SEE5A

✓ To understand about the creating form design using controls.
✓ Study and analyze the concepts of loops and functions.
✓ To know about the sorting and searching and write programs in Visual Basic Language.
✓ Demonstrate the concepts of debugging and working with graphics.
✓ Understand and analyze about monitoring mouse activity and file handling systems.

Year – III Semester : V
Subject : RDBMS Lab  Subject Code : SAE51

✓ To understand about the creating form design for payroll processing using controls and also to create a database for the application.

✓ Know to create the database and design the applications for mark sheet processing, student information, library information system of a student.

✓ To know about the designing and creating forms for the applications of banking system, inventory and invoice system programs in Visual Basic Language and connect the application program to the database.

✓ To implement the application program for income tax processing, electricity bill preparation and telephone directory maintenance.

Year – III Semester : VI

Subject: Data Communication and Networking  Subject Code : SAE6A

✓ Compare and contrast the OSI reference model and review the protocols, network interfaces, and performance issues in different networks.

✓ Understand and study about different variety of guided and unguided media, also know about error detection and correction methods.

✓ To know how the multiplexing and switching concepts are working on networks.

✓ Compare and contrast the ISDN, Broadband ISDN and X.25 layers.

✓ Understand and study about connecting devices and the layers of TCP/IP.

Year – III Semester : VI

Subject : Web Technology  Subject Code : SAE6B

✓ Design and develop basic web pages, also select and apply markup languages for processing, identifying, and presenting of information in web pages.

✓ Apply scripting languages and web services to transfer data and add interactive components to web pages.
✓ Create and manipulate different objects and cookies.

✓ Design and develop basic web pages using HTML server controls and web server controls.

✓ Know about the request and response object and advanced issues.

Year – III Semester : VI
Subjec : Object Oriented Analysis and Design     Subject Code : SEE6C

✓ Recognize the architecture, creating of software development and moving from one to many, different structural patterns.

✓ Analyze the architecture and build the Use Case models.

✓ Know about the designing process, usage of axioms and methods for making a software. know what design pattern to apply for a specific problem.

✓ Understand how to create and interface between classes and objects.

✓ Compare and contrast the different types of test plans and debugging principles.

Year – III Semester : VI
Subject : Software Engineering     Subject Code : SEE6G

✓ Able to know about how to define, develop the solution strategy of a software problem.

✓ Understand about what are the requirements needed to make a software and also know about the cost estimation techniques.

✓ To know what design pattern to apply for a specific problem.

✓ To implement the coding techniques of problem.
✓ Understand about the concepts of Quality assurance, verification methods and configuration management of the system.
Year – III  Semester : VI
Subject : Web Technology Lab  Subject Code : SAE61

✓ Design and develop basic web pages using scripting languages.
✓ Apply scripting languages to design and develop a code for sorting, hit counter and scroll the text on status bar.
✓ Know to create a web page to design with different buttons.
✓ Design and develop a web page using ASP.NET for creating login forms, employee database,
✓ Design and develop a web page using ASP.NET for Online Bookshop.

DEPARTMENT OF HOME SCIENCE - INTERIOR DESIGN & DECOR

Semester: I
Subject Name: Principle of interior design  Subject Code: TAK1A

6. Analyse the elements and principles of interior design.
7. Apply the art and design concept in aesthetic planning.
8. Apply the art principles in interior design.
9. Integrate the principles of sustainability in creative design concept.
10. Classify design types like structural and decorative design.

Semester:I
Subject Name: Basic Of Decorative Styles And Accessories  Subject Code: TAK1B

10. Select appropriate materials and processes to achieve the technical and visual functionality of the design.
11. Analyse the traditional architecture from various parts of the country.
12. Understand the relationship between aesthetic and utilitarian dimensions and functionality of their designs.
Subject Name: **Fundamentals Of Building Science**  Subject Code: TBK1A

1. Understand the various materials, application and current trends used in building construction.
2. Develop various technical aspects of building structures.
3. Design of different types of income groups house plan.
4. Learn and understand the building services required like mechanical and plumbing services.
5. Employ appropriate conventions of measurement, scale, site measuring, drafting and volumetric manipulation through modelling.

Semester: II
Subject Name: **COLOUR AND LIGHTING**  Subject Code: TAK2A

7. Understand the concepts of colour and preparing a colour wheel.
8. Understand the concept and requirements of lighting.
9. Apply the art principles in colour schemes.
10. Interpret the colour concept, qualities and colour charts.
11. Criticize the applications of colour and light for various rooms.

Semester: II
Subject Name: **FIBRE TO FABRIC**  Subject Code: TAK2B

6. Summarize the properties of fibre and types of yarn
7. Introduce various weaving techniques necessary to produce art forms as an essential phase in design development and evaluation.
8. Describe visual perception of printing principles and their applications in developing soft interior elements.
9. Identify the fabric finishes with its purpose and use.

Semester: II
Subject Name: **LIFE SPACE PLANNING**  Subject Code: TBK2A

6. Determine the principles involved in planning a life space.
7. Develop the skill in drawing house plan for different income groups.
8. Discuss the knowledge about planning furniture placement in different rooms.

Semester: III
Subject Name: **FLORICULTURE AND LANDSCAPE DESIGN**  Subject Code: TAK3A
6. To understand the importance of plants in landscape gardening.
7. To gain knowledge on propagation methods
8. To enable the students to learn the principles of landscape gardening
9. Have practical knowledge in making home gardens and indoor plants.
10. Analyse ongoing recent trends.

Semester: III
Subject Name: **SURFACE FINISHES**  
Subject Code: TAK3B

1. To understand the importance of flooring, wall, and ceilings
2. To gain knowledge on different materials available in the market to increase the strength of a building.
3. Analyse the different treatments of ceiling finishes with innovative materials.
4. Understand the area of Civil Engineering.
5. Classify the types of hard, semi-hard and soft floor finishes.

Semester: III
Subject Name: **BASICS OF AUTOCAD**  
Subject Code: TBK3A

6. Summarize the benefits, configuration and working requirements of AutoCAD software.
7. Learn the basic skills of drafting 2D floor plans in CAD.
8. To construct drawings and design the interiors of building with the help of the computer.
9. Acquire skills to do engineering drawings (2D) and basic 3D models.
10. Know about the modern technology in designing interiors.

Semester: IV
Subject Name: **ART AND DESIGN ON TEXTILES**  
Subject Code: TAC6B

6. To understand art and apply its principles in the creation and selection of textiles.
7. Develop design in textiles and apply the same on materials.
8. To enable the students to understand the types of printing methods and embroidery.
9. Analyse the current field in the context of art, designs and improve the quality of design in textiles.
10. Know about the space constraints through creating optical illusion with various furnishing materials using CADD in textile designing.

Semester: IV
Subject Name: **KITCHEN DESIGN**  
Subject Code: TBK4B

1. Gained knowledge of different materials used for various surfaces in kitchen.
2. Developed skill in planning different Kitchen layouts.
3. Understand geometrical terminology for angles, triangles, quadrilaterals and circles to measure using a protractor.
4. Analyse the care and maintenance of kitchen storage and its dimensions.
5. To study about the kitchen planning, location and physical properties of kitchen.

Semester: IV
Subject Name: COMPUTER AIDED DESIGN Subject Code: TBK4A
1. To study and implement the advance drafting techniques in drawing 2D plans in CAD.
2. To create 3D view of a building using 3D Commands.
3. To create 3D view of Interior spaces, material application and to produce rendered image of interior spaces.

Semester: V
Subject Name: ERGONOMICS Subject Code: TBK5A
1. To enable the importance of ergonomics in work effectiveness. Design work areas using ergonomic principles.
2. Apply basic knowledge of physical factors affecting human beings in relation to light, acoustics, noise and environment.
3. Analyse the problems of work environment.
4. Apply relevant ergonomic principles and factors to the solution of given work places.

Semester: V
Subject Name: BASICS OF NUTRITION Subject Code: TAK5B
1. To study basic different types of cooking methods and its effect on nutrients.
2. Use the RDA of different age groups to meet dier's needs.
3. To acquire nutrition and the various foods necessary for a well-balanced menu.
4. To develop menus to meet different requirements.

Semester: V
Subject Name: FURNISHINGS IN INTERIORS Subject Code: TAK5C
1. To analyse about types of windows and window treatments.
2. To develop skills in construction of curtains.
3. To learn the techniques involved in construction of fabric.

Semester: V
Subject Name: APPLIED ARTS Subject Code: TAK5D
1. To understand techniques of art and apply its principles in the creation and selection of Art Forms.
2. To select, apply, create and appreciate various minor and major art objects for interiors.
3. To study about modeling Sculptures, Drawing and Paintings.
4. Applying origin and growth of modern college works by recycling waste for craft works.

Semester: V
Subject Name: COMMUNICATION AND GRAPHIC DESIGN Subject Code: TEK5A

1. Awareness of media & graphic processes for students to function in any publishing house.
2. To provide theoretical and practical knowledge of basic design processes of communication on any publishing process.
3. To study the impact and functions of Design, Printing, Publishing technology.
4. To visualize photographic process and its functions.

Semester: VI
Subject Name: RESOURCE MANAGEMENT Subject Code: TAK6A

1. To understand the concepts, principles and functions of management.
2. To understand various concepts, principles and functions of organizations.
3. To increase ability to make wise use of money.

Semester: VI
Subject Name: FURNITURE DESIGN Subject Code: TAK6B

1. To study about the various anthropometric aspects, human factors & other design criteria involved in the design of furniture.
2. To understand about the various materials & technology involved in the making of furniture.
3. Enabling types of furnitures using different materials.

Semester: VI
Subject Name: VISUAL ARTS Subject Code: TAK6A

1. Appreciate and understand the evolution of Visual arts.
2. Be creative in Interior Decoration.
3. To develop an insight towards sensibility and aesthetic appreciation.
4. Study on various periods in Arts like revolutionary renaissance.

Department: Interior Design and Decors Semester: VI
Subject Name: ENTREPRENEURSHIP DEVELOPMENT Subject Code: TEK6A

1. To understand the concept of entrepreneurship
2. To know the world of entrepreneurs
3. To understand and cultivate entrepreneurial values, attitude, qualities and Desires.
4. Analyzing the concepts of marketing management and marketing mix.

Department: **Interior Design and Decors**  
Subject Name: **FRONT OFFICE AND HOUSE KEEPING**  
Subject Code: TEK6B

1. To know the organizational structure of a housekeeping department.
2. Develop skills in organization of works and prepare for housekeeping jobs.
3. To understand the layout and functions of front office in hospitality management.
4. Examine the selection of cleaning equipments and applying the learning skills in maintaining the cleaning equipments.

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**DEPARTMENT OF PSYCHOLOGY**

**Year: I Semester: I**

**Subject Name: General Psychology-I**  
**Subject Code: SAT1A**

- **CO1** Introduces students to the basics of psychology
- **CO2** Builds the basis on which the rest of the program will be based on
- **CO3** Briefs about the history of psychology
- **CO4** To understand concepts of consciousness, learning and memory functioning
- **CO5** To appreciate the sensory systems and perceptual processes

**Year: I Semester: I**

**Subject Name: Biological Basis of Behavior – I**  
**Subject Code: SAT1B**

- **CO1** Introduces students to the basics of biological psychology
- **CO2** Details on how the brain and nervous system functions
- **CO3** Familiarizes students to the working of the human body in relation to the behavior and/or emotion
- **CO4** Relates psychology to physiology
- **CO5** Coordinates overall functioning of humans with mind and body
Year: I Semester: I

Subject Name: Principles Of Sociology  
Subject Code: SBT1A

CO1  Introduces the basic concepts of society
CO2  Details on the philosophies and theories of societies and how they function
CO3  Gives different perspectives on the functioning’s of a society
CO4  Theorizes on how and why the current social structure exists
CO5  Relates psychology to the society and people belonging to different societies

Year: I Semester: II

Subject Name: General Psychology-II  
Subject Code: SAT2C

CO1  Further introduces students to the basics of psychology
CO2  Introduces higher order cognitions
CO3  Details on emotion and motivation
CO4  Elucidates personality, its types, how they are formed, what are maladaptation etc.
CO5  Makes student comprehend the concept of self and identity

Year: I Semester: II

Subject Name: Biological basis of behavior-II  
Subject Code: SAT2D

CO1  Further introduces students to the basics of biological psychology
CO2  Details on the functionality of brain, brain damages, plasticity etc.
CO3  Elucidates the process of sleep, dream, and internal body clock mechanism
CO4  Details on the sensory system and their biological correlates
CO5  Further relates psychology to physiology

Year: I Semester: II

Subject Name: Fundamentals of Social Anthropology  
Subject Code: SBT2A

CO1  Introduces the concepts of anthropology
CO2  Details on the societal workings
CO3  Elucidates the functioning of different cultures across the globe
CO4 Familiarizes with societal structures such as family, kinship, religion, and political institution and how they interact and influences societies
CO5 Relates psychology to the societal workings

Year: II Semester:III

Subject Name: Experimental Psychology Subject Code: SAT31
CO1 Introduces scientific procedures and experiments
CO2 Contributes a comprehension of the different methods of experimenting, along with their strengths, limitations and their usage
CO3 Provides observable manifestations of human mind, through behavior
CO4 Instils the code of ethics and ethical experimentation
CO5 Connects theory with practical knowledge

Year: II Semester:III

Subject Name: Developmental Psychology-I Subject Code: SAT3A
CO1 Introduces the stages of development
CO2 Details on the developments happening, both physiological and psychological from infancy to adolescence
CO3 Characterizes the developmental stages based on different theories
CO4 Provides insight on how personality is based on the development
CO5 Relates psychology to the stages of development

Year: II Semester: III

Subject Name: Statistics In Psychology Subject Code: SBT3A
CO1 Introduces statistics pertaining to psychological research
CO2 Briefs on how to organize and present data
CO3 Elucidates on the different statistical methods and tools that supports and provides evidence of efficiency and efficacy of a research
CO4 Paves foundation towards learning research methodologies
CO5 Guides in becoming a better researcher
Year: II Semester: IV

Subject Name: Psychological Assessment          Subject Code: SAT41
CO1  Introduces psychological assessments
CO2  Details on how to conduct a psychological assessment
CO3  Elucidates on the usage of different viable dimensions and variables
CO4  Instils the code of ethics and ethical code of conduct
CO5  Provides forum for better understanding of human psychology through assessments

Year: II Semester: IV

Subject Name: Developmental Psychology-II       Subject Code: SAT4A
CO1  Introduces the later stages of development
CO2  Details on the developments happening, both physiological and psychological from young adulthood to old age
CO3  Characterizes the developmental stages based on different theories
CO4  Provides insight on the common occurrence such as midlife crisis, sex roles, empty nest syndrome, morbidity etc.
CO5  Relates psychology to the later stages of life

Year: III Semester: IV

Subject Name: Marketing & Consumer Behavior       Subject Code: SBT4A
CO1  Introduces the concepts of marketing, and theories behind it
CO2  Introduces consumer behavior and how they are influenced by marketing
CO3  Elucidates on marketing strategies
CO4  Briefs on the different aspects of consumer’s preferences
CO5  Relates application of psychological techniques and methodologies towards marketing and consumerism

Year: III Semester: V

Subject Name: Psychopathology I                   Subject Code: SAT5A
CO1  Introduces the concepts of normal and abnormal
CO2  Provides a historical view on abnormality and its perspectives
Year: III Semester: V

Subject Name: Psychological Research and Measurement 
Subject Code: SAT5B

CO1 Introduces varied research methodologies
CO2 Imparts varied methods of data collection, sampling, and measurement
CO3 Enables students to use statistics in a more effective manner
CO4 Empowers the students with the ability to do a research
CO5 Facilitates students in presenting research papers

Year: III Semester: V

Subject Name: Applied Psychology 
Subject Code: SAT5C

CO1 Introduces to the extensive applications of psychology
CO2 Provides knowledge about the varied fields of applied psychology
CO3 Details on the knowhow of applying psychology to day to day challenges
CO4 Elucidates on the research purposes and implications of applying psychology
CO5 Piques students towards potential career path

Year: III Semester: V

Subject Name: Social Psychology I 
Subject Code: SAT5D

CO1 Introduces to psychology of societies
CO2 Briefs about the history of social psychology and how it shaped the perception of psychology
CO3 Provides comprehension of the individuals’ behavior or events that is influenced by societies
CO4 Elucidated various concepts like altruism, conformity, social cognition etc.
CO5 Aids in understanding the behavior of individuals’ in a holistic way
Year: III Semester:V

Subject Name: **Health Psychology**  
Subject Code: SET5A

- **CO1** Introduces to psychology pertaining to health and health related behavior
- **CO2** Provides comprehension about healthy behavior, facilitating in promotion of health
- **CO3** Enables the students to modify health related behavior amongst themselves and others
- **CO4** Elucidates the effects of drugs and its potential harms
- **CO5** Facilitates students to assess and ascribe health related issues and solutions

Year: III Semester:VI

Subject Name: **Psychopathology II**  
Subject Code: SAT6A

- **CO1** Further introduces Neurosis and Psychosis
- **CO2** Details on higher levels of psychosis such as Schizophrenia and BPAD
- **CO3** Elucidates on alcoholism and provides a forum to comprehending alcoholics
- **CO4** Enables the students to understand about the various sexual deviations
- **CO5** Facilitates the students to completely understand abnormality

Year: III Semester:VI

Subject Name: **Organizational Psychology**  
Subject Code: SAT6B

- **CO1** Introduces to organization and psychology applied in organizations
- **CO2** Details on the structure of organization
- **CO3** Elucidates on the internal workings of the organization, team work, leadership, motivation, job satisfaction etc.
- **CO4** Briefs on the work environment and work place counselling
- **CO5** Provides knowhow of the functionality of working environment

Year: III Semester:VI

Subject Name: **Social Psychology II**  
Subject Code: SAT6C

- **CO1** Introduces to the societal and group dynamics
- **CO2** Provides comprehension about the concepts of aggression, prejudice, etc.
CO3 Facilitates students to be able to handle the societal pressures
CO4 Enables in better understanding of the individuals’ perspective basing on the societal influence
CO5 Guides the students in applying social psychology in legal system, organizations, sports, media and military

**Year: III Semester: VI**

**Subject Name: Counselling & Guidance Subject Code: SET6A**

CO1 Introduces to the concepts of counselling and guidance
CO2 Differentiates counselling and guidance
CO3 Elucidates on different counselling processes
CO4 Provides forum for gaining practical knowledge on counselling and guidance
CO5 Gives comprehension on counselling the special groups

**Year: III Semester: VI**

**Subject Name: Human Resource Management Subject Code: SET6B**

CO1 Introduces the students towards human resources and their management
CO2 Imparts knowledge on the practices and ethics of a HRM professional
CO3 Guides students in the process of interview and recruitments
CO4 Enables the students to become competent in training and development of the workers
CO5 Facilitates the students to become multi-skilled administrative personnel

**DEPARTMENT OF VISUAL COMMUNICATION**

**I YEAR**

**INTRODUCTION TO VISUAL COMMUNICATION:**

This unit will focus on students developing a visual language to communicate messages, ideas and concepts. This subject inculcates the communication theories models to the students which is very basic and important aspects for all the mass communication and media studies.

It also involves learning and applying design thinking skills as well as drawing skills to make messages and ideas visible. You will develop skills in drawing from observation and drawing to visualise your own ideas. Drawing is also used as a means of presentation to communicate final
message and ideas. You will focused on gaining an understanding of the processes designers use to structure their thinking and communicate ideas with clients, target audiences and other specialist.

Though practical investigation and analysis of existing visual communications students will gain insight into how the selection of methods, media, materials, and the application of design elements and principles can create effective visual communications for specific purposes and audiences.

Explore design styles, the design elements and principles and their affect on the way visual messages are perceived. It also focused on gaining an understanding of the processes designers use to structure their thinking and communicate ideas with clients, target audiences and other specialist.

Though practical investigation and analysis of existing visual communications students will gain insight into how the selection of methods, media, materials, and the application of design elements and principles can create effective visual communications for specific purposes and audiences.

Outcomes

1. **Drawing as means of communication**
   
   Create drawings for different purposes using a range of drawing methods, media and materials.

2. **Design elements and design principles**
   
   Select and apply design elements and principles to create visual communications that satisfy stated purposes.

3. **Visual communication designs in context**
   
   Describe how visual communications have been influenced by past and contemporary practices, and by social and cultural factors.

4. **Technical drawing in context**
   
   Create presentation drawings that incorporate relevant technical drawing conventions and effectively communicate information and ideas for a selected design field.

5. **Type and imagery**
   
   Manipulate type and images to create visual communications for print and screen-based presentations, taking into account copyright.

6. **Applying the design process**
   
   Apply stages of the design process to create a visual communication appropriate to a given brief.
7. **Analysis and practice in context**  
Create visual communications for specific contexts, purposes and audiences that are informed by their analysis of existing visual communications in the three design fields.

8. **Design industry practice**  
Discuss the practices of a contemporary designer from each of the design fields and explain factors that influence these practices.

9. **Developing a brief and generating ideas**  
Apply design thinking in preparing a brief with two communication needs for a client, undertaking research and generating ideas relevant to the brief.

10. **Development of design concepts**  
Develop distinctly different concepts for each communication need and devise a pitch to present concepts to an audience, evaluating the extent to which these concepts meet the requirements of the brief.

11. **Final presentations**  
Produce a final visual communication presentation for each communication need that satisfies the requirements of the brief.

**COMMUNICATION SKILLS:**  
This subject makes the students to go further in to the detailed study of communication models, theories and aesthetics. Communication Process: Components, Types and Barriers, Public Speaking, Organizational Communication, Writing Skills, Reading Skills, Listening Skills, Planning and Writing Documents, Preparing Effective Messages, Personality Development, Preparing for Interviews.

- Apply appropriate communication skills across settings, purposes, and audiences.
- Demonstrate knowledge of communication theory and application.
- Practice critical thinking to develop innovative and well-founded perspectives related to the students' emphases.
- Build and maintain healthy and effective relationships.
- Use technology to communicate effectively in various settings and contexts.
- Demonstrate appropriate and professional ethical behavior.

**Expected Student Learning Outcomes**

1. Demonstrate critical and innovative thinking.
2. Display competence in oral, written, and visual communication.
3. Apply communication theories.
4. Show an understanding of opportunities in the field of communication.
5. Use current technology related to the communication field.
6. Respond effectively to cultural communication differences.
7. Communicate ethically.
8. Demonstrate positive group communication exchanges.

**DRAWING 1**


Upon successful completion of the subjects, the student will acquire the listed skills:

- Develop physical and visual skills related to the drawing process.
- Judge proportion, scale, and spatial relationships.
- Use linear and tonal techniques to depict light and shadow.
- Use linear and tonal techniques to depict form and develop composition.
- Use materials common to the drawing process.

**DRAWING 2:**

- Identify and apply color properties and concepts.
- Understand color vocabulary and terminology.
- Develop an informed use of basic color schemes and harmonies in the creation of visual work.
- Develop critical thinking and problem solving skills as applies to the use of color.
- Understand the basic historical and contemporary aspects of color.
- Develop visual and physical control of media used in the application of color concepts.
- Introduce students, through observation, to rudimentary & formal components of figure drawing such as gesture, mass, volume, foreshortening and proportion.
- Provide a basic introduction to human anatomy.
- Refine concepts introduced in Drawing I and 2-D Design utilizing the figure as the primary subject.
• Encourage a personal approach to the art making process.
• Explore the relationship of the figure to its pictorial space, both abstract and naturalistic.
• Introduce historical & contemporary approaches to the figurative process.

GRAPHIC DESIGN 1:


• Gain skill in choosing, using & manipulating typographic elements.
• Learn how to identify & analyze the elements, principles & vocabulary of two-dimensional design as it relates to specific message making.
• Learn to utilize & integrate the elements, principles, materials & processes of two-dimensional design to fulfill a specific problem which generates a specific message.

GRAPHIC DESIGN 2:

• Gain more advanced skill in using and manipulating typographic elements.
• Experience working with diverse media.
• Experience with a variety of output sources and materials.
• Gain more advanced skill with layout, illustration and photo manipulation through the use of interactive digital programs.
• Develop an individual portfolio of graphic design and/or illustration.

II YEAR

ADVERTISING:

The subject gives the Introduction to Advertising; Structure and Functioning of an Ad Agency; Advertiser-Agency Relationship, Audience Analysis, Segmentation, Targeting and Positioning, Audience Research, Creative Aspects of Advertising in Print and Electronic Media, Creative Use of Media, Traditional and New Media, The Role of PR in Advertising, Advertising Social Issues, Political Advertising, Dynamics of Creating and Executing the Complete Campaign Strategy.

A comprehensive understanding of the best methods, strategies, copywriting, management, and marketing and film-making techniques of the advertising world will be covered in-depth under our expertly prepared curriculum. Students will be exposed to an extensive range of advertising topics such as Indian advertising industry, process of advertising production, visuals and illustrations, regulations of advertising in India and media planning to make them job ready.
Advertising is the fulcrum around which the communication and corporate industries are constructed. Branding is the bulwark of today's contemporary world and there is a truckload of opportunities available for students who complete the course with determined grit and passion

SUBJECT OUTCOMES:

A sea of extensive career opportunities in advertising firms, managements firms, public relations firms, social media agencies and cinema industry are available for students to choose from. Various designations ranging from marketers, advertising managers are offered to students across all industries.

ELEMENTS OF FILM:

**Film Studies:** Film Direction, Cinematography, Non-Linear Editing, Sound Recording, Post-Production, Digital Film Making in Digital Camera.

**Film Production Techniques:** Pre-production, Production and Post-Production Stages.

**Photography:** History of Photography, Definition, Characteristics of Light, Camera and Lens, Types of Camera & Features, Chemistry of Photography, Technicality of Photography, Darkroom Techniques, Developing and Printing, Portraiture, Product, Landscape, Photo Feature, Panorama Photography.

**Digital Cinematography:** History of Still Camera, Box Camera, TLR, SLR, DSLR, Framing & Composing, Lighting Concept in Digital Film Making, Framing & Composing with Golden Rule. Screenplay writing: Script Writing as a Creative Enterprise, Creative Thinking, Creativity Process, Stages in the Craft of Script Writing, Narrative Structure, Select Narrative Techniques, Stereotyping, Two- versus Three-Dimensional Characters, Guiding Principles for Evolving Effective and Credible Characters, Media and Script Formats, Storyboards.

**Direction:** Introduction to film language and grammar, film language, shots, the 180 degree rule, the 30 degree rule, screen direction, film time, Dramatic elements in the screenplay, spines, character, circumstance, dynamic relationships, wants, expectations, actions, activity and acting beats. Managerial responsibilities of the director; dealing with the producer, assistant directors, crew, cinematographer – implementing the shooting schedule with perfection.
It helps in fulfilling your ambition in the process of film making by opening the doors of your life to give many lights to your dreams. Course helps students to make their own short film, documentary film, photography portfolio and story boards.

**BASIC PHOTOGRAPHY:**

This subject will help students to learn the basics in photography, lighting setting, camera selection, accessories, lens preference to make a best photographic image. We assure that this course will be helpful to improve your photography skills, techniques, portfolio creation and become expert in photographic technology. It covers the following topics which are basic for the students to begin their photography career.

- Types of Camera & Lenses
- DSLR Camera Functions
- Rules of Composition
- Lighting
- Special & Filter Effects
- Multiple Exposure Techniques
- Image Editing
- Color Correction

**SUBJECT OUTCOMES:**

- Understand the basic composition of photographs, camera parts and light exposures.
- Practice Fine Art and Portrait Photography.
- Practice Landscape and Travel Photography.
- Observe people and practice Candid and Street Photography.
- Prepare the photographs for different target audience and media.
- Understand Photo Journalism.

**PRACTICAL PHOTOGRAPHY:**

- Operate a 35mm camera--parts & functions of camera body, viewing system, lens, aperture & shutter speed, ISO, light meter & exposure modes.
- Define subject and compose image using frame and vantage point.
- Control and manipulate light, depth of field, and motion.
- Understand and articulate how meaning of photographs is visually communicated.
- Produce a portfolio of matted photographs that represent the student's best work.
• Refined and improved basic techniques of exposure, development and printing

SUBJECT OUTCOMES:

The students are well versed in Operating a Digital Camera; understand its features and how to use them in order to capture images. Through the process of learning camera operation and functions, students will demonstrate a basic understanding of terminology and concepts relating to digital photography.

COMPUTER GRAPHICS:

The practical will include

1. DTP for Publication Design: PHOTOSHOP
2. Editing and manipulation of image/pictures using PhotoShop(latest Versions)

Exercises
1) Design a 'logo' for an
a. Advertising agency
b. Commercial organization
c. Non-profit organization
d. Government agency
e. Service industry
Design a 'visiting card' & 'letter head' for the same FIVE organizations mentioned above using the logo created in the previous exercise.

Design a 'news letter' for any one of the above-mentioned agencies.

Design the 'front cover' of an in-house journal published by any one of the above mentioned agencies.

III YEAR

ELEMENTS OF FILM

Film Studies: Film Direction, Cinematography, Non-Linear Editing, Sound Recording, Post-Production, Digital Film Making in Digital Camera.

Film Production Techniques: Pre-production, Production and Post-Production Stages.

Digital Cinematography: History of Still Camera, Box Camera, TLR, SLR, DSLR, Framing & Composing, Lighting Concept in Digital Film Making, Framing & Composing with Golden Rule. Screenplay writing: Script Writing as a Creative Enterprise, Creative Thinking, Creativity Process, Stages in the Craft of Script Writing, Narrative Structure, Select Narrative Techniques, Stereotyping,
Two- versus Three-Dimensional Characters, Guiding Principles for Evolving Effective and Credible Characters, Media and Script Formats, Storyboards.

**Direction:** Introduction to film language and grammar, film language, shots, the 180 degree rule, the 30 degree rule, screen direction, film time, Dramatic elements in the screenplay, spines, character, circumstance, dynamic relationships, wants, expectations, actions, activity and acting beats. Managerial responsibilities of the director; dealing with the producer, assistant directors, crew, cinematographer – implementing the shooting schedule with perfection

**MEDIA CULTURE AND SOCIETY**

This second/third year core elective course in Cultural Studies explores the understanding of the mass media from Marxist through postmodern perspectives. It also examines the major methodologies of media research, so as to prepare students for advanced studies in media culture. The course will enable students to develop a solid critical approach to the study of the media in the global community we live today.

**LEARNING OUTCOMES**

1. The students identify and develop understanding of the basic concepts, from semiotics, Marxist media theories, representation, institutions, to audience theories, media globalization and new media studies

2. The students demonstrate the ability to apply these concepts to the analysis of case studies in Hong Kong and the international scene

3. The students can show knowledge of relevant research skills and the ability of applying them to the research of current media and cultural phenomena;

4. The students formulate well informed opinion and critical awareness of current news and media practices

**TELEVISION PRODUCTION THEORY**

1. Students should write original scripts for different formats like-documentary and TV commercial (five exercises)-these should be submitted as separate Record

2. Shoot a Short story or Documentary-duration not to exceed 5 Minutes, and

3. Shoot a Commercial - 15 or 20 second spots
4. Each student should do individual projects containing the record and the program

Final practical examination will test students on their ability to prepare a complete script and storyboard on any of the above-mentioned format.

WEB PUBLISHING

Students are expected to prepare a website both static and dynamic, so that they learn to work with basic web designing and take projects in real time.

Exercises

1. Creation of static website

2. Creation of Dynamic website.

Note: Each student to provide individual CD-ROMS with all the exercises did during the year with proper dates.

PROJECT 1

Criteria for selecting the topic will be based on area of specialization already chosen by the student. Emphasis will be given to producing work that can be made use in the industry. Projects can be taken up in any one of the following areas.

1 Advertising Photography
2. 3D Animation
3. Web Page Design

3 D Animation-walk through, animated logo etc.

Project work should contain record containing advanced animation works done by the student. At least FIVE concepts for animations should be included as a part of the record. Each student to provide individual CD-ROMS with all the exercises did during the year with proper dates. Students should be given adequate orientation on basic design and usability concepts. The web pages should contain objects created by the students only. No objects/elements downloaded from the Internet
should be used. If static images are to be included, then the student is expected to create her/his own images using appropriate software like PhotoShop. All exercises should be accompanied by 'paperdesign’ in record form along with the original file containing the exercises.

COURSE OUTCOMES

Upon the successful completion of this course students will be able to:

- Initiate the design, planning and development of 3D animation productions.
- Explore the appropriate techniques and technologies to solve 3D animation problems.
- Apply, manipulate and combine media to create advanced 3D animated performances.
- Investigate and evaluate the conceptual and commercial requirements for contemporary 3D animation productions.
- Critically appraise and evaluate the work of others in the area of 3D animation.

Advertising Photography

1. Visual of the product alone.(photograph against plain backdrop)
2. Visual of the product in a setting where it is used.
4. Visual of a benefit from using the product.
5. Visual showing the loss or disadvantage resulting from not using the advertised product.
6. Dramatization of the headline.
7. Dramatization of the evidence.
8. Dramatizing a detail (in the product)
9. Comparison between two brands.
10. Contrast between before and after using the product.
13. Abstract illustration.(logo)
14. Continuity strip
15. Mood setting visual.
17. Visual of the product ingredients or raw materials.
18. Special effects.(freezing movements)
19. Montage
The goal of this course is to advance the student in the use of artificial lighting techniques in the studio. At this point, the student should be able to see beyond the subject/object being photographed and instead be able to see the light reflecting off of or transmitting through the object(s). Advanced professional studio techniques in Advertising photography and the aesthetic and technical concerns of effective visual perception and communication are learned through lectures, demonstrations and primarily advanced studio-shooting assignments. The subtlety of ‘creating images for yourself’ vs. ‘producing a creative image for your client’ is taught as well as the challenges encountered therein. The successful completion of a final portfolio of six distinct studio images clearly showing the students own vision will be the compilation of the semesters work. Course Learning Outcomes: Upon successful completion of this course, students will be able to:

**COURSE LEARNING OUTCOMES:**

Upon successful completion of this course, students will be able to:

1. Master strobe lighting equipment. Advanced technical assignments will include stopping action, photographing reflective objects and shooting on location.
2. Create a professional body of work. Emphasis will be placed on developing the students’ individual style within the context of the final portfolio.
3. Understand the characteristics and the principles of light, and increase the ability to ‘see light’.
5. Utilize professional practices regarding propping studio shots in order to create a realistic environment in the studio, and work with ‘clients’.
6. Solve complex lighting problems in the studio.

**TELEVISION PRODUCTION PRACTICAL**

Course Learning Outcomes

On successful completion of this course the student will be able to:

- discuss historical and cultural practices in television including their impact on current practice
- identify the key roles and explain the responsibilities and technical requirements in a television studio production environment
- describe a range of television formats and analyze their production requirements
- apply different television-based production techniques to a diverse range of work
- Work effectively as a team to produce television segments in a multi-camera environment and identify ways to improve the quality of work.

**DEPARTMENT OF ELECTRONIC MEDIA**

1 YEAR
History of Electronic media.
This unit will focus on teaching students on the development of media as visual language to communicate messages, ideas and concepts. This subject inculcates the media history and the very basic and important aspects for all the mass communication and media studies.

Expected Student Learning Outcomes

12. Media as means of communication

Create drawings for different purposes using a range of drawing methods, media and materials.

13. Technical Aspects in context
understanding the uniqueness of the media in form of technicality and analyzing the importance of the same so that in future it can be used ad utilized creatively

14. Type and imagery
Manipulate type and images to create visual communications for print and screen-based presentations, taking into account copyright.

15. Analysis and practice in context
understand specific contexts, purposes and audiences that are informed by their analysis of existing visual communications in the three design fields.

16. Industry practice
Discuss the practices of a contemporary media practitioner from each of the fields and explain factors that influence these practices.

Principles of Audiography
This unit will focus on teaching students on the principles of Audiography, Audio media as language to communicate messages, ideas and concepts. This subject inculcates the very basic and important aspects of audio recording, audio processing, the console, the software,

Expected Student Learning Outcomes

1. Students learn the theories of Audiography as a tool of communication
2. Students learn how to record sounds
3. Students learn how to use the console theoretically
4. Students learn to understand the nature and characteristic of sound wave, human hearing mechanism and various acoustics methods and treatments.

Audiography lab
This unit will focus on teaching students on the principles of Audiography practically, Audio media as language to communicate messages, ideas and concepts. This subject inculcates the very basic and important aspects of audio recording, audio processing, the console, the software,

**Expected Student Learning Outcomes**

1. Students learn the of Audiography as a tool of communication
2. Students learn how to record sounds
3. Students learn how to use the console practically
4. Students are exposed to various types of microphones.
5. Students learn to understand the nature and characteristic of sound wave, human hearing mechanism and various acoustics methods and treatments.

**COMMUNICATION SKILLS:**
This subject makes the students to go further in to the detailed study of communication models, theories and aesthetics. Communication Process: Components, Types and Barriers, Public Speaking, Organizational Communication, Writing Skills, Reading Skills, Listening Skills, Planning and Writing Documents, Preparing Effective Messages, Personality Development, Preparing for Interviews.

- Apply appropriate communication skills across settings, purposes, and audiences.
- Demonstrate knowledge of communication theory and application.
- Practice critical thinking to develop innovative and well-founded perspectives related to the students' emphases.
- Build and maintain healthy and effective relationships.
- Use technology to communicate effectively in various settings and contexts.
- Demonstrate appropriate and professional ethical behavior.

**Expected Student Learning Outcomes**

9. Demonstrate critical and innovative thinking.
10. Display competence in oral, written, and visual communication.
11. Apply communication theories.
12. Show an understanding of opportunities in the field of communication.
13. Use current technology related to the communication field.
14. Respond effectively to cultural communication differences.
15. Communicate ethically.
16. Demonstrate positive group communication exchanges.
Radio production:
This subject makes the students to go further in to the detailed study of radio models, theories and aesthetics. Communication Process in radio: Components, Types and Barriers, Communication with radio, Writing Skills, Reading Skills, Listening Skills, Planning and Writing Documents, Preparing Effective Messages for radio medium.

Expected Student Learning Outcomes

- Apply appropriate communication skills across settings, purposes, and audiences for radio medium.
- Demonstrate knowledge radio technology and application.
- Practice critical thinking to develop innovative and well-founded perspectives related to the students' emphases.
- Use radio to communicate effectively in various settings and contexts.
- Demonstrate appropriate and professional ethical behavior in radio.

Radio production Lab:
This subject makes the students to go further in to the detailed study of radio models practically the theories and aesthetics. Practically understand the Communication Process in radio: Components, Types and Barriers, Communication with radio, Writing Skills, Reading Skills, Listening Skills, Planning and Writing Documents, Preparing Effective Messages for radio medium.

Expected Student Learning Outcomes

- Apply appropriate communication skills across settings, purposes, and audiences for radio medium.
- Demonstrate knowledge radio technology and application practically.
- Practice critical thinking to develop innovative and well-founded perspectives related to the students' emphases.
- Use radio to communicate effectively in various settings and contexts and record audio in lab.
- Demonstrate appropriate and professional ethical behavior in radio.
- Hands-on experience on writing script for radio
- Preparing and performing real-time radio projects.

II Year
Videography:
This subject makes the students to go further in to the detailed study of vidography theories. Practically understand the Communication Process camera and camera angles Types of shots, types of angles and how to operate a video camera
Expected Student Learning Outcomes

• To understand the working of a video camera
• Demonstrate knowledge of the camera technology and application practically.
• Practice critical camera shots and to develop innovative and well-founded perspectives related to the students' emphases.
• Use video to communicate effectively in various settings and contexts and record video in lab.

Video Editing (Principles and Practices)
In this subject the students learn detailed study on video editing techniques. Understand the Communication Process through the styles of editing, Types of editing, types of cuts and how to edit a separate video.

Expected Student Learning Outcomes

• To understand the process of editing.
• Theoretically learn the process of editing and how it communicates a message
• Learn different formats of video editing.

Videography Lab:
This subject makes the students to go further in to the detailed study of vidography practical. Practically understand the Communication Process camera and camera angles Types of shots, types of angles and how to operate a video camera

Expected Student Learning Outcomes

• To understand the working of a video camera practically
• Demonstrate knowledge of the camera technology and application practically.
• Practice critical camera shots and to develop innovative and well-founded perspectives related to the students' emphases.
• Use video to communicate effectively in various settings and contexts and record video in lab.
• Students learn to record different types of shots scene and sequences.

ELEMENTS OF FILM:
**Film Studies:** Film Direction, Cinematography, Non-Linear Editing, Sound Recording, Post-Production, Digital Film Making in Digital Camera.

**Film Production Techniques:** Pre-production, Production and Post-Production Stages.

**Photography:** History of Photography, Definition, Characteristics of Light, Camera and Lens, Types of Camera & Features, Chemistry of Photography, Technicality of Photography, Darkroom Techniques, Developing and Printing, Portraiture, Product, Landscape, Photo Feature, Panorama Photography.

**Digital Cinematography:** History of Still Camera, Box Camera, TLR, SLR, DSLR, Framing & Composing, Lighting Concept in Digital Film Making, Framing & Composing with Golden Rule. Screenplay writing: Script Writing as a Creative Enterprise, Creative Thinking, Creativity Process, Stages in the Craft of Script Writing, Narrative Structure, Select Narrative Techniques, Stereotyping, Two- versus Three-Dimensional Characters, Guiding Principles for Evolving Effective and Credible Characters, Media and Script Formats, Storyboards.

**Direction:** Introduction to film language and grammar, film language, shots, the 180 degree rule, the 30 degree rule, screen direction, film time, Dramatic elements in the screenplay, spines, character, circumstance, dynamic relationships, wants, expectations, actions, activity and acting beats. Managerial responsibilities of the director; dealing with the producer, assistant directors, crew, cinematographer – implementing the shooting schedule with perfection.

It helps in fulfilling your ambition in the process of film making by opening the doors of your life to give many lights to your dreams. course helps students to make their own short film, documentary film, photography portfolio and story boards.

**Script Writing and Direction**
This subject makes the students to write scripts for various formats like short films, documentaries, ad films, tele films etc. different formats of scripts like single column script and two column scripts are introduced to the students.

**Expected Student Learning Outcomes**

- To understand the model of script
- Demonstrate knowledge of the script and to use it effectively.
- Use different formats of scripts and experience its uniqueness.
- Students learn to write different types of scripts.
Script writing Lab
This subject makes the students to write scripts for various formats like short films, documentaries, ad films, tele films etc. different formats of scripts like single column script and two column scripts are introduced to the students. Students are made to write different scripts and form their own stories.

Expected Student Learning Outcomes

• To understand the model of script practically
• Demonstrate knowledge of the script and to use it effectively for different formats.
• Use different formats of scripts and experience its uniqueness based on the format and its needs.
• Students learn to write different types of scripts.

III year

Television Production Management
This subject enables students to learn on the different aspects of television production and its uses, the student will learn how to shoot a short film. How to manage the budget. How to telecast it for the channel, broadcast ethics and standards etc.

Expected Student Learning Outcomes

• To understand the working of the Television Company
• To Manage the production and to learn how to prepare budget.
• To understand the modes and models of the channels.

Video production practical
Students should write original scripts for different formats like-documentary and TV commercial (five exercises)-these should be submitted as separate Record Shoot a Short story or Documentary-duration not to exceed 5 Minutes, and Shoot a Commercial - 15 or 20 second spots Each students should do individual projects containing the record and the program Final practical examination will test students on their ability to prepare a complete script and story board on any of the above-mentioned format.
LEARNING OUTCOMES

1. The students identify and develops the ability to work on his own format of video project understanding of the basic concepts of shooting etc

2. The students demonstrate the ability to create short films or documentaries.

3. The students can showcase their work for the future as a portfolio for a bigger project

4. The students formulate well informed opinion and critical awareness of current news and media practices

**Graphics and Animation**

Students are introduced to the field of graphics and animation theoretically, they will learn on various elements of special effects and its uses in films and other production elements.

LEARNING OUTCOMES

1. The students learns to include the graphics and animation in his project

2. The students learn the use of special effects and how it can be effectively used in real time .

3. By using the graphics and animation students can minimize their budget of film making by using of simpler sets in computer instead of making a real set.

**PROJECT 1**

Criteria for selecting the topic will be based on area of specialization already chosen by the student. Emphasis will be given to producing work that can, be made use in the industry. Projects can be taken up in any one of the following areas.

1. Audiography
2. Radio Production
3. Television Production
MEDIA CULTURE AND SOCIETY

This second/third year core elective course in Cultural Studies explores the understanding of the mass media from Marxist through postmodern perspectives. It also examines the major methodologies of media research, so as to prepare students for advanced studies in media culture. The course will enable students to develop a solid critical approach to the study of the media in the global community we live today.

LEARNING OUTCOMES

1. The students identify and develop understanding of the basic concepts, from semiotics, Marxist media theories, representation, institutions, to audience theories, media globalization and new media studies.

2. The students demonstrate the ability to apply these concepts to the analysis of case studies in Hong Kong and the international scene.

3. The students can show knowledge of relevant research skills and the ability of applying them to the research of current media and cultural phenomena;

4. The students formulate well informed opinion and critical awareness of current news and media practices.

MEDIA ORGANISATION

This paper is a base paper where one student can learn on how the media works, the structure of the media organization, the hierarchy of media and its communication stages etc, by learning the subject the student will learn on how the media organization works.

LEARNING OUTCOMES

1. The students identify on how to react in an organization when he joins the company.

2. The students understands his position in the organization.

3. The students can understand how the media company works and how to behave in such atmosphere.
4. The students formulate well informed opinion and critical awareness of the companies policies and learn soon to adopt in the organization

**Video Editing Practical**

Students should write original scripts for different formats like-documentary and TV commercial (five exercises)-these should be submitted as separate Record Shoot a Short story or Documentary-duration not to exceed 5 Minutes, and Shoot a Commercial - 15 or 20 second spots Each students should do individual projects containing the record and the program Final practical examination will test students on their ability to prepare a complete script and story board on any of the above-mentioned format.

**LEARNING OUTCOMES**

1. The students identify and develops the ability to work on his own format of video project understanding of the basic concepts of shooting etc

2. The students demonstrate the ability to create short films or documentaries.

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4. The students formulate well informed opinion and critical awareness of current news and media practices

**DEPARTMENT OF MATHEMATICS with COMPUTER APPLICATION**

**I YEAR SEMESTER I**

**PAPER I**

**PAPER NAME: ALGEBRA AND TRIGONOMETRY I**

**SUBJECT CODE:**

TAB1A

Student will be able to:

➢ Demonstrate algebraic facility with algebraic topics including linear, quadratic, exponential, logarithmic and trigonometric functions.

➢ Solving system equations and inequalities.

➢ Compute limits and derivatives of algebraic, trigonometric and piece-wise defined function.

**I YEAR SEMESTER I**

**PAPER II**

**PAPER NAME: CALCULUS AND COORDINATE GEOMETRY OF TWO DIMENSIONS**

**SUBJECT CODE:**

TAB1B

Student will be able to:
➢ Compute limits, derivatives and definite and indefinite integrals of algebraic, logarithmic and exponential function.
➢ Solve applied problems using differentiations.
➢ Define graph, compute limits of differentate and solve related problems involving functions represented parametrically or in polar coordinates.
➢ Analyze characteristic and properties of two dimension geometric shapes viz., parabola, ellipse, hyperbola and rectangular hyperbola and develop mathematical arguments about geometric relationships.
➢ Apply fundamental theorem of calculus.
➢ Use the derivative of a function to determine the properties of the graph of the function and use the graph of a function to estimate its derivative.

I YEAR SEMESTER II PAPER III
PAPER NAME: ALGEBRA AND TRIGONOMETRY II SUBJECT CODE: TAB2A
Student will be able to:
➢ Solve applied problems using matrices .
➢ Solving equations and inequalities both algebraically and graphically.
➢ Use number theory arguments to justify relationships involving divisors, multiples and factoring.
➢ Use number theory arguments to justify relationships involving dividers, multiples and factoring.
➢ Define and interpret the concepts of divisibility, congruence, greatest common divisor, prime, and prime-factoring.
➢ Apply the Law of Quadratic Reciprocity and other methods to classify numbers as primitive roots, quadratic residues, and quadratic non-residues.

I YEAR SEMESTER II PAPER III
PAPER NAME: CALCULUS AND DIFFERENTIAL GEOMETRY SUBJECT CODE: TAB2B
Student will be able to:
➢ Compute limits, derivatives and definite and indefinite integrals of algebraic, logarithmic and exponential function.
➢ Solve applied problems using integrations.
➢ Define graph, compute limits of integrate and solve related problems involving functions represented parametrically or in polar coordinates.
➢ Approximate definite integrals using numerical integration techniques and solve related problems.
➢ Examine various techniques of integrations and apply them to definite and improper integrals.

II YEAR SEMESTER III PAPER V
PAPER NAME: DIFFERENTIAL EQUATIONS AND LAPLACE TRANSFORM SUBJECT CODE: TAB3A
Student will be able to:
➢ Solve differential equations of first order using graphical, numerical, and analytical methods,
➢ Solve and apply linear differential equations of second order (and higher),
➢ Solve linear differential equations using the Laplace transform technique,
➢ Develop the ability to apply differential equations to significant applied and/or theoretical problems.
➢ Investigate the qualitative behavior of solutions of systems of differential equations and interpret in the context of an underlying model.

II YEAR SEMESTER III PAPER IV
PAPER NAME: COORDINATE GEOMETRY OF THREE DIMENSIONS AND PROBABILITY
SUBJECT CODE: TAB3B
Student will be able to:
➢ Analyze characteristic and properties of three dimension geometric shapes viz., plane, straight line and sphere and develop mathematical arguments about geometric relationships.
➢ Compute probabilities and conditional probabilities in appropriate ways.
➢ Recognize the role of and application of probability theory, descriptive and inferential statistics in many different fields,
➢ Recognize the role of probability theory, descriptive statistics and inferential statistics in the applications of many different fields,
➢ Define and illustrate the concepts of sample space, events and compute the probability and conditional probability of events, and use Bayes' theorem.
➢ Define, illustrate and apply the concept of the expectation to the mean, variance and covariance of random variables,
➢ Define, illustrate and apply certain frequently used discrete and continuous probability distributions, and
➢ Illustrate and apply theorems concerning the distributions of functions of random variables and the moment-generating functions.

II YEAR SEMESTER III ALLIED I
PAPER NAME: MATHEMATICAL STATISTICS I SUBJECT CODE: SBAOA
Student will be able to:
➢ Define, illustrate, and apply the concepts of probability and conditional probability,
➢ Define, illustrate, and apply the concepts of discrete and continuous random variables
➢ Define, illustrate, and apply the concept of expectation to the mean, variance, and covariance of random variables,
➢ Identify and demonstrate appropriate sampling and data collection processes, classification of variables, and graphical summaries,
➢ Apply Chebyshev's theorem,
➢ Recognize the basic concepts of simple linear regression and correlation.

II YEAR SEMESTER IV PAPER VII
PAPER NAME: VECTOR CALCULUS, FOURIER SERIES AND FOURIER TRANSFORM
SUBJECT CODE: TAB4A
Student will be able to:
➢ Represent vectors analytically and geometrically, and compute dot and cross products for presentations of lines and planes,
➢ Analyze vector functions to find derivatives, tangent lines, integrals, arc length, and curvature,
➢ Compute limits and derivatives of functions of 2 and 3 variables,
➢ Apply derivative concepts to find tangent lines to level curves and to solve optimization problems,
➢ Evaluate double and triple integrals for area and volume,
➢ Differentiate vector fields,
➢ Determine gradient vector fields and find potential functions,
➢ Evaluate line integrals directly and by the fundamental theorem,
➢ Determinig periodic function with 0 to 2π and 0 to π using Fourier series,
➢ Evaluate sine and cosine transform.

II YEAR  SEMESTER IV  PAPER VII
PAPER NAME: STATICS
SUBJECT CODE: TAB4B
Student will be able to:

➢ Introduction of types of forces,magnitude and direction of the resultant of forces acting on a particle,
➢ Lami’s theorem , equilibrium of particle under several coplanar forces
➢ Laws of friction, angle of friction, equilibrium of a body on a rough inclined plane acted on by sevaral forces
➢ Centre of gravity of triangular lamina, simple uniform body, rods forming a triangle ,trapezium,
➢ Center of gravity of a circular arc , elliptic quadrant, solid and hollow hemisphere,solid and hollow cone ,
➢ Analyzing equilibrium of strings, catenary.

II YEAR  SEMESTER IV  ALLIED
II
PAPER NAME: MATHEMATICAL STATISTICS II
SUBJECT
CODE: SBAOB
Student will be able to:

➢ Apply parametric testing techniques including single and multi-sample tests for mean and proportion.Understand, apply and compute in one- and two- sample estimation problems,
➢ Understand, apply and compute maximum likelihood estimation,
➢ Understand, apply and compute in one- and two- sample tests of hypotheses problems,
➢ Recognize the relationship between the confidence interval estimation and tests of hypothesis,
➢ Understand, apply and examine the goodness-of-fit test, test for independence, and homogeneity,
➢ Recognize the concept of the analysis-of-variance technique and the strategy of experimental design.

III YEAR  SEMESTER V  PAPER IX
Student will be able to:

- Assess properties implied by the definitions of groups and rings,
- Use various canonical types of groups (including cyclic groups and groups of permutations) and canonical types of rings (including polynomial rings and modular rings),
- Analyze and demonstrate examples of subgroups, normal subgroups and quotient groups,
- Analyze and demonstrate examples of ideals and quotient rings,
- Use the concepts of isomorphism and homomorphism for groups and rings, and
- Produce rigorous proofs of propositions arising in the context of abstract algebra.

III YEAR SEMESTER V PAPER X

PAPER NAME: REAL ANALYSIS I
SUBJECT CODE: TAB5B
Student will be able to:

- Discussing sets, operations on sets, real valued functions, equivalence, countability,
- Use the definitions of convergence as they apply to sequences, series, and functions, convergent and divergent sequences, monotone sequences,
- Discussing bounded sequences, operations on convergent and divergent sequences, cauchy sequence.
- Limit of a sequence.
- Determine the continuity, differentiability, and integrability of functions defined on subsets of the real line,
- Convergence and divergence series, metric space, limits of a metric spaces.

III YEAR SEMESTER V PAPER XI

PAPER NAME: DYNAMICS
SUBJECT CODE: TAB5C
Student will be able to:

- Discussion of kinematics of a particle, velocity, acceleration, relative velocity, angular velocity, newtons law of motion,
- Analyzing rectilinear motion under constant acceleration,
- Study of simple harmonic motion,
- Introducing projectiles and impulse and impact of smooth and oblique spheres,
- Produce rigorous proofs of central orbit and central forces
- Discussion of moment of inertia of a geometrical shapes viz., square lamina, circular etc.,

III YEAR SEMESTER V PAPER XII

PAPER NAME: DISCRETE MATHEMATICS
SUBJECT CODE: TAB5D
Student will be able to:
➢ Write and interpret mathematical notation and mathematical definitions,
➢ Formulate and interpret statements presented in Boolean logic. Reformulate statements from common language to formal logic. Apply truth tables and the rules of propositional and predicate calculus,
➢ Formulate short proofs using the following methods: direct proof, indirect proof, proof by contradiction, and case analysis,
➢ Demonstrate a working knowledge of set notation and elementary set theory, recognize the connection between set operations and logic, prove elementary results involving sets, and explain Russell's paradox,
➢ Apply the different properties of injections, surjections, bijections, compositions, and inverse functions,
➢ Solve discrete mathematics problems that involve: computing permutations and combinations of a set, fundamental enumeration principles, and graph theory,

III YEAR SEMESTER VI PAPER XIII
PAPER NAME: ALGEBRAIC STRUCTURES II SUBJECT CODE: TAB6A
Student will be able to:

➢ Analyze finite and infinite dimensional vector spaces and subspaces over a field and their properties, including the basis structure of vector spaces,
➢ Use the definition and properties of linear transformations and matrices of linear transformations and change of basis, including kernel, range and isomorphism,
➢ Compute with the characteristic polynomial, eigenvectors, eigenvalues and eigenspaces, as well as the geometric and the algebraic multiplicities of an eigenvalue and apply the basic diagonalization result,
➢ Compute inner products and determine orthogonality on vector spaces, including Gram-Schmidt orthogonalization, and
➢ Identify self-adjoint transformations and apply the spectral theorem and orthogonal decomposition of inner product spaces.

III YEAR SEMESTER VI PAPER XIV
PAPER NAME: REAL ANALYSIS II SUBJECT CODE: TAB6B
Student will be able to:

➢ Determine the continuity, differentiability, and integrability of functions defined on subsets of the real line,
➢ Apply the Mean Value Theorem and the Fundamental Theorem of Calculus to problems in the context of real analysis, and
➢ Produce rigorous proofs of results that arise in the context of real analysis.
➢ Determine the Riemann integrability and the Riemann-Stieltjes integrability of a bounded function and prove a selection of theorems concerning integration,
➢ Recognize the difference between pointwise and uniform convergence of a sequence of functions,
The Completeness Theorem, The Compactness Theorem,
Illustrate the effect of uniform convergence on the limit function with respect to continuity, differentiability, and integrability.

III YEAR  SEMESTER VI  PAPER XV
PAPER NAME: COMPLEX ANALYSIS  SUBJECT CODE: TAB6C
Student will be able to:

- Represent complex numbers algebraically and geometrically,
- Define and analyze limits and continuity for complex functions as well as consequences of continuity,
- Apply the concept and consequences of analyticity and the Cauchy-Riemann equations and of results on harmonic and entire functions including the fundamental theorem of algebra,
- Analyze sequences and series of analytic functions and types of convergence,
- Evaluate complex contour integrals directly and by the fundamental theorem, apply the Cauchy integral theorem in its various versions, and the Cauchy integral formula, and
- Represent functions as Taylor, power and Laurent series, classify singularities and poles, find residues and evaluate complex integrals using the residue theorem.
- Define differentiate and integrate function represented using power series expansions including Taylor series and solve related problems.

PAPER NAME: BUSINESS MATHEMATICS AND STATISTICS
Student will be able to:

- Introduction – collection of data, classification, tabulating the data and interpretation of data,
- Identify and demonstrate appropriate sampling and data collection processes, classification of variables, and graphical summaries,
- Define, illustrate, and apply the concept of expectation to the mean, variance, and covariance of random variables,
- Recognize the basic concepts of simple linear regression and correlation.
- Finding time series and index number.

COURSE OUTCOME - II B.COM(G,CA), I B.COM(MM), IB.COM(A&F)
PAPER NAME: ELEMENTS OF OPERATIONS RESEARCH
Student will be able to:

- Introduction of O.R, scope of O.R, application of O.R,
- Formulate and model a linear programming problem from a word problem and solve them graphically in 2 and 3 dimensions, while employing some convex analysis,
- Formulate and solve a number of classical linear programming problems
- the assignment problem, transportation problem,
- Finding 2x2 game, graphical method

PAPER NAME: RESOURCE MANAGEMENT TECHNOQUES  SUBJECT CODE: SAZ5C
Student will be able to:
➢ Formulate and model a linear programming problem from a word problem and solve them graphically in 2 and 3 dimensions, while employing some convex analysis,
➢ Place a Primal linear programming problem into standard form and use the Simplex Method to solve it,
➢ Find the dual, and identify and interpret the solution of the Dual Problem from the final tableau of the Primal problem,
➢ Be able to modify a Primal Problem, and use the Fundamental Insight of Linear Programming to identify the new solution, or use the Dual Simplex Method to restore feasibility,
➢ Explain the concept of complementary slackness and its role in solving primal/dual problem pairs,
➢ Formulate and solve a number of classical linear programming problems and the assignment problem, transportation problem,
➢ Computing PERT- CPM ,critical path, total floats,
➢ Finding 2x2 game, graphical method,simulation,

DEPARTMENT OF SOFTWARE APPLICATION

Department: Software Applications Year: I Semester: I Subject Name: Fundamentals of digital computers Subject code: SAU1A
CO1: Analysis of basic computer fundamentals with hardware and software

CO2: Describe number system, Binary codes and verifications of binary logic using logic gates/ circuits through truth table.

CO3: Acquire knowledge of Boolean algebra with axioms and knowing simplification of Boolean functions using k-map.

CO4: Developing design capability in sequential logic design using flip flops, register and designing of counters.

CO5: Understanding of combinational and logical design basics, adder, subtractor, decoder, PLA, ROM circuits.

Department: Software Applications Year: I Semester: I

Subject Name: Digital logic fundamentals - lab Sub-code:SAU11

CO1: To import the knowledge of logic gates with discrete components and verification of logic circuits through truth tables.

CO2: Develop and analyze the capability in implementation of logic circuits and verifying basic gates and reduction of circuits using K-map
CO3: Explains the concepts of Adder, subtractor and develop idea in 4-bit binary
Adder and subtractor using 1’s and 2’s complement

CO4: Implementing shift register and serial transfer through various circuits.

Department: Software Applications
Year: I Semester: II Subject Name: Programming in “C”
Subject code: SAE1A

CO1: Describe about fundamental data types and operators of C language

CO2: Implement various control structures of C Language

CO3: Analysis of user defined functions and storage classes.

CO4: Understand the process of arrays and structures.

CO5: Applying the concept of pointers and files.

Department: Software Applications Year: I Semester: II
Subject Name: Programming in C Lab Sub-code: SAE1A

CO1: Applying the concept of various mathematical built-in functions in C

CO2: Implementation of string manipulation programs

CO3: Understand the importance of recursive functions

CO4: Evaluate the uses of arrays through matrix manipulation

CO5: Analyses of various searching and sorting techniques.

Department: Software Applications Year: II Semester: III Subject Name: Data structures through c++ Subject code: SAU3A

C01: Understand the basic concepts of C++ tokens, keywords, identifiers, variables, operators, manipulators, expressions and control structures.

C02: Describe the classes and objects, constructors and destructors, operator overloading, type conversion and inheritance with examples.

C03: Evaluate the operations of files, pointers, command line arguments
Data structures: Data types, arrays, list.

C04: Comprehend about stack and queue operations, linked list, polynomial with problems.

C05: Implement trees and graphs, hashing tables and functions, traversal and Dijkstra’s algorithm.
**Department:** Software Applications  
**Year:** II  
**Semester:** III  
**Subject Name:** Data structures through c++ Lab  
**Subject code:** SAU31  

- **C01:** Evaluate the operations of PUSH, POP, STACK using array and pointers  
- **C02:** Implement add, delete operations of queue using array and pointers  
- **C03:** Conversion of infix to postfix using stack operations and postfix evaluation.  
- **C04:** Apply the concepts of addition of two polynomials using arrays and pointers, basic operations of doubly linked list.  
- **C05:** Understand and evaluate binary tree traversals using linked list and depth first search and breadth first search for graphs using recursion.

**Department:** Software Applications  
**Year:** II  
**Semester:** IV  
**Subject Name:** Microprocessor and its applications  
**Subject code:** SAU4A  

- **CO1:** Fundamental and basis of micro computer, micro processor and its internal architecture of 8085.  
- **CO2:** To understand the assembly level programs and its technique and various addressing modes.  
- **CO3:** To Evaluate time delay and stack sub-routine functions.  
- **CO4:** To determining code conversions and multi-byte arithmetic operations.  
- **CO5:** To understand memory interfaces, interrupt and its implementation.

**Department:** Software Applications  
**Year:** II  
**Semester:** IV  
**Subject Name:** Microprocessor Lab  
**Subject code:** SAU41  

- **CO1:** To understand arithmetic, logical instructions for 8-bit, 16-bit and BCD.  
- **CO2:** To analysis searching and sorting techniques.  
- **CO3:** To evaluate code conversion.  
- **CO4:** To determine applications of micro processor.  
- **CO5:** Demonstrate about integration signal.

**Department:** Software Applications  
**Year:** III  
**Semester:** V  
**Subject Name:** Software Engineering  
**Subject code:** SAU5A  

- **CO1:** Fundamental knowledge in software engineering to develop software projects.  
- **CO2:** Develop the software project by planning, risk analysis and estimation for software quality.  
- **CO3:** Analysis the concept of software project management.
CO4: Develop the design applicable for architectural and user interface design.
CO5: Describe the software quality product and management skills.

Department: Software Applications Year: III Semester: V
Subject Name: Operating systems Subject code: SAU5B
C01: Appreciate the role of operating system and its types, process management and CPU scheduling.
C02: To learn process synchronization, various concept related with deadloack to solve problems.
C03: To understanding the mechanisms involved in memory management, contiguoug and non-contiguous allocation.
C04: To learn the concepts of virtual memory, file system access and allocation methods.
C05: To gain knowledge on I/O systems, secondary storage structures and disk management.
C06: To understand file protection, security, authentication and encryption.

Department: Software Applications Year: III Semester: V
Subject Name: programming in java Subject code: SAU5C
CO1: Understand the basic concepts and control statements
CO2: understand the classes, constructors, Inheritance, method overriding and method overloading
CO3: Learn about the Interfaces, Packages and Threads
CO4: Implementing error and exception handling mechanisms. Understand Applet, Graphics programming and File concepts.

Department: Software Applications Year: III Semester: V
Subject Name: programming in java - Lab Subject code: SAU51
CO1: understand string buffer, stream, random calendar and point classes through programs.
CO2: knowledge about database creation, Interfaces, Packages, Threads.
CO3: file concepts and illustrations
CO4: Working with frames, controls, dialog box, menus, colorsanf fonts.
CO5: usage of buttons, labels, text, check box and choice list

Department: Software Applications Year: III Semester: V
Sub. Name: Object Oriented Analysis and design Subject code: SEU5C
C01: To illustrate about the system development, development life cycle, methodologies and UML.
C02: To discuss about the use case model and case studies
C03: To demonstrate the design process with case studies
C04: To explain user interface design and view layer classes, interface and case studies.
C05: To provide knowledge about quality assurance test, test cases, test plan, debugging principles.

Department: Software Applications
Year: III  Semester: VI
Subject Name: Object Oriented Software Engineering
Subject code: SAU6A
CO1: To understand the various object oriented concepts and its features.
CO2: To inculcate knowledge in planning, estimation and its duration, cost, framework and CASE tools.
CO3: To identify the process of specification and understand the concept of object oriented analysis phase.
CO4: To describe the essentials of design phase and a detailed analysis on implementation phase.
CO5: To demonstrate about integration phase, testing, maintenance and case study.

Department: Software Applications
Year: III  Semester: VI
Subject Name: Database management system
Subject code: SAU6B
C01: To illustrate about the components of DBMS, class diagrams and normalization.
C02: To describe in detail about the queries and subqueries.
C03: To demonstrate about the effective design of forms and reports.
C04: To explain about the data storage methods.
C05: To discuss about the database administration.

Department: Software Applications
Year: III  Semester: VI
Subject Name: Visual Programming
Subject code: SEU6C
CO1: To understand the concept of forms, tools, data types and tool box.
CO2: To gain knowledge about loops, functions and procedures.
CO3: Apply the key concept of list, array, sorting, searching, controls, events and error trapping.
CO4: To demonstrate the VB Objects, MDI forms and graphics.
CO5: Monitoring file system operations and DLL servers.

Department: Software Applications
Year: III  Semester: VI
Subject Name: RDBMS Lab
Subject code: SAU61
CO1: Illustrate the payroll processing systems.
CO2: To create an application of student information system and mark sheet processing.
CO3: To implement the operation of Inventory and Invoice system.
CO4: Demonstrate the library information system and banking information
CO5: To maintain the details of Income tax, electricity bill and telephone directory information.

Department: Software Applications Year: III Semester: VI Sub Name: Data communication and networking Subject code: SEU6D
C01: Illustrate basic concepts and OSI reference model.
C02: Understand various form transmission, type of interfaces, error detection and correction in transmission of data.
C03: Understand the concept of multiplexing, switching, techniques with some LAN and MAN protocols.
C05: Acquire knowledge about Networking and Inter-networking devices, TCP/IP and WWW.

DEPARTMENT OF COMPUTER APPLICATION [BCA]

COURSE OUTCOME SPECIFICATION-“COMPUTER ARCHITECTURE”
COS1: (i) given an introduction to digital computer and their fundamental architectures.
(ii) Able to define the function units of computer architecture
COS2: (i) Input and Output peripheral devices and their communication with the rest of the computer components.
(ii) Able to find the various instruction type and addressing modes used for programming
COS3: (i) Functionalities and organization of processor units and their types.
(ii) Able to understand the basic programming unit and execution of instruction
COS4: (i) Computer arithmetic algorithm in signed magnitude data with hardware implementation and hardware algorithm.
(ii) Include the interrupts and direct memory access and clasp the standard I/O devices
COS5: (i) Memory organization, hierarchy and organization. Able to aware of RAM, ROM, COST, SIZE, CACHE and virtual memory. Comprehend the need for improving cache perform
(ii) Grasp the different secondary storage devices

COURSE OUTCOME SPECIFICATION-“DBMS”
COS 1: Give an introduction about DBMS, data models, a schema, E-R diagram, relational database and benefits of database.
COS 2: Able to design a good database using normalization, decomposition and functional dependency
COS 3: Understand the concepts of database architecture, client server architecture, parallelism concepts and distributed database concepts
COS 4: Learn about indexes, sequences, data integrity, creating and maintaining tables and user privileges
COS 5: understand the basic concepts of PL/SQL programming, cursors, triggers, packages, procedures, functions and transactions

**COURSE OUTCOME SPECIFICATION-“VISUAL BASICS”**
COS 1: know the working environment of visual basics using a control structure
COS 2: Understand the module, components and menu editor and its concept in a simple manner
COS 3: Analyze a controls such text box, rich text box and etc…write coding easily
COS 4: develop the project with database using ODBC, DAO, ADO and visual data manager
COS 5: Include the active controls and other control to perform particular task

**COURSE OUTCOME SPECIFICATION-“SOFTWARE ENGINEERING”**
COS 1: Know develop the software project
COS 2: Learn developing methodology of software project
COS 3: Understand tools and techniques of software engineering
COS 4: Verify and validate the problem of software programming
COS 5: Maintain the quality of software project

**COURSE OUTCOME SPECIFICATION-“DATA MINING”**
COS 1: learn fetch the data easily from large value of data
COS 2: Understand the tools and technique of data mining
COS 3: Able to apply data mining techniques in various application and its case studies
COS 4: know the architecture of data ware house and its application
COS 5: understand the concept of Online analytical processing (OLAP) and its implementation.

**COURSE OUTCOME SPECIFICATION-“JAVA”**
COS 1: Understand the basic oops concept .Java evaluation and implementation overview of java
COS 2: Know operators and expressions, decision making and branching, Decision making and looping
COS 3: Able to understand classes and methods, array strings and vectors, interface concept instead of multiple inheritances
COS 4: Packages of java, multithreaded programming contains synchronization, managing errors and exceptions handling
COS 5: Able to perform applet programming designing HTML, graphic programming

**COURSE OUTCOME SPECIFICATION-“PROGRAMMING in C”**
COS 1: Learn the basic and introduction of computer, structure of c and control structure
COS 2: Know arrays, arrays types, string handling functions
COS 3: Understand user defined functions, categories of function and recursion, structures and unions
COS 4: Know the concept pointers, fire handling, input output operations.
COS 5: Able to use the classification of data structure about abstract data type, stack and queue

**COURSE OUTCOME “PROGRAMMING in C++”**

COS 1: Know the principles of oops concept and control structure
COS 2: Analyze the concept of classes and object, array, functions, constructor and destructor
COS 3: Understand the concept of inheritance and classification, pointers virtual function and polymorphism
COS 4: Able to work with files, file pointers and its manipulations
COS 5: Know the concept of function templates and exception handling

**COURSE OUTCOME “COMPUTER NETWORK”**

COS 1: Know the basic of network, network type’s reference model and layers in network
COS 2: Understand the routing algorithm and protocols that are used in network communication
COS 3: Learn the different types of protocols such as RPP, DHCP, ARP, RAP
COS 4: Try to tackle various information security techniques to safe guard the valuable information from one end to another
COS 5: Apply the concept of networks in various fields

**DEPARTMENT OF MATHEMATICS (PG – M.Sc.)**

**Algebra:**

1. Complex Statements can be explained in terms of simple equations
2. Widely used in scientific numericals
3. Used extensively in business and financial sectors

**Real Analysis:**

1. Real Analysis forms the base for measure theory which follow to stochastic process
2. Stochastic process are further used in finance, quality control, manufacturing etc
3. Digital signal processing is also an area where it is used.

**Ordinary Differential Equations:**

1. ODE is used in a variety of disciplines such as Biology, Economics, Engineering etc
2. Malthusian Law of population growth is a classic example for Differential Equations
3. ODE is extensively used in Physics to prove or to express numerous concepts

**Graph Theory:**

1. Connecting with friends on Social Media is an application of Graph Theory
2. GPRS is another field where Graph Theory is used
3. E-Commerce websites use Graph Theory
4. In astronomy, the universe can be best explained using Graph Theory
Fuzzy Sets and Applications:
1. Any control system can be explained best using Fuzzy
2. Sendai Subway in Japan is the practical application of Fuzzy
3. Heating ventilation and air conditioning uses Fuzzy
4. The Industrial Automation uses Fuzzy extensively

Partial Differential Equations:
1. The Change of Temperature with Time is best explained using PDE
2. Quantum Mechanics and Fluid Dynamics use PDE
3. Rocketry and Aviation Industry use PDE
4. One important application of PDE is the electromagnetism

Probability Theory:
1. The Meteorological Department studies weather forecasting using Probability
2. In Sports, the chances of winning and losing is studied using Probability
3. Dictionary used typing on Smart Gadgets is an application of Probability
4. Information and Communication Theory is an application of Probability

Programming in C++ and Numerical Methods:
1. Programming in C++ are used in 3D Games
2. Graphical User Interface is an application of Programming in C++
3. Web Browsers, Database Softwares use C++

Java Programming:
1. Desktop GUI applications
2. Scientific applications
3. Web and Mobile applications
4. Enterprise applications
   A month long summer internship programme is mandatory for the First year PG students as a part of their course curriculum, a chance to try out the above-said applications.

Complex Analysis:
1. Representation of 3D Rotations
2. Quantum algorithm widely uses complex numbers
3. Aerodynamics uses complex numbers extensively

Topology:
1. Topology is used to abstract the shape of enzymes, DNA etc in Biology
2. Quantum Mechanics and string theory uses topology
3. Topological Data Analysis is another area where topology is used

Operations Research:
1. Allocation and Distribution in projects
2. Deployment of proper manpower
3. Production, Planning and Transporting
4. Maintenance and Warehouse location etc

Mechanics:
1. Seat Belts in cars is a basic application of inertia
2. Air Bubble Packing for fragile objects is an application of impulse
3. Satellite launching using Newton’s laws
4. Aviation industry uses Bernoulli’s principle
5. Construction of Roads and Railway tracks using uniform circular motion

**Number Theory and Cryptography:**

1. Encryption works are done using Number Theory
2. Error Correction Codes use Number Theory
3. GSM in Mobile Phones use cryptography
4. Digital Currency and Virtual Private Network use Cryptography

**Differential Geometry:**

1. Differential Geometry is widely used in general relativity
2. Robotics uses differential geometry
3. Quantum Mechanics and field theory in Physics use differential geometry

**Functional Analysis:**

1. Financial Market uses functional analysis
2. Quantum Mechanics

**Mathematical Statistics:**

1. Insurance Sector
2. Meteorology
3. Games and Recreational Services
4. Quantum Mechanics and Cosmology

**Tensor Analysis and Relativity:**

1. GPS, Gravitational time dilation use relativity
2. Astrophysics and Astronomy
3. Tensors are used to study the stress analysis

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**DEPARTMENT OF Chemistry (PG – M.Sc.)**

**Semester I**

**Organic Chemistry – I**  SUB CODE: MER1A

**Objectives:**

This course aims to explain basic concepts in stereo chemistry and conformational analysis of organic molecules. In addition, the reaction mechanism and synthetic application of aliphatic and aromatic substitution reaction in organic synthesis will be discussed in detail.

**Inorganic Chemistry – I**  SUB CODE: MER1B

**Objectives:**
To impart the theories about bonding and structure of various inorganic compounds and few analytical techniques. The basics of reaction Mechanisms in coordination chemistry are also introduced.

**Physical Chemistry – I**  
SUB CODE: MER1C  
Objectives:-

To learn the basic concepts in chemical kinetics and group theory and the inadequacy of classical mechanics leading to the formation of quantum mechanics. Mathematical basic for quantum mechanics must be taught.

**Semester II**

**Organic Chemistry – II**  
SUB CODE: MER2A  
Objectives:-

This paper explains the basic concepts of addition reaction of carbon carbon double bond and elimination reactions. In addition mechanism of some of the important rearrangements in organic chemistry will be discussed. The salient features of oxidation and reduction reactions in organic synthesis are discussed at the end.

**Inorganic Chemistry – II**  
SUB CODE: MER2B  
Objectives:-

The student can gain the knowledge and understanding of all aspects of inorganic polymers, solid state and nuclear chemistry.

**Physical Chemistry – II**  
SUB CODE: MER2C  
Objectives:-

To learn the concepts in enzyme kinetics, surface reactions and fast reactions, and also to understand the formulation and applications of quantum mechanics in atomic and molecular structure. In addition to learn fundamentals of spectroscopy.

**EDP (Polymer Chemistry)**  
SUB CODE: MERBD
Objectives:

To know about various types of polymers and their properties. Application of the polymer in the present context and its biodegradation is included.

Elective Paper - Analytical Chemistry Practicals SUB CODE : MERAA

Objectives:

To carry out colorimetric analysis to estimate Fe, Ni, Mg and Cu and to get knowledge regarding chromatographic techniques. To learn the interpretation of spectra of standard organic and inorganic compounds.

Elective Paper - Physical Chemistry Practicals I SUB CODE : MERAB

Objectives:

To understand and verify the principles and theory of physical chemistry experiments. A minimum of 10 experiments have to be performed.

Organic Chemistry Practical I SUB CODE: MER11

Objectives:

To train the students to synthesize an organic compound in single step and to carry out the qualitative analysis of binary organic mixture

Inorganic Chemistry Practical I SUB CODE : MER12

Objectives:

To train the candidate in preparing inorganic compounds, the detection and identification of 4 cations by semi micro method.

Quarter III

Organic Chemistry – III SUB CODE : MER3A

Objectives:
The first part of the paper explains the instrumental methods and their application in the determination of structure of organic molecules. The second part includes the basic concepts of aromaticity and photochemistry. A detailed account of orbital symmetry which forms the basis of many organic reactions is also included. The last part of the subject deals with heterocyclics, terpenoids and steroids.

**Inorganic Chemistry – III**  
**SUB CODE : MER3B**  
**Objectives:**

To understand the applications of different spectroscopic methods in the study of Inorganic compounds.

**Physical Chemistry – III**  
**SUB CODE : MER3C**  
**Objectives :**

To understand and appreciate the significance and applications of classical thermodynamics, electrochemistry in solutions and to learn the principle and applications of optical and resonance spectroscopy.

**Research Methodology**  
**SUB CODE : MERBG**  
**Objectives:**

The aim is to explain various aspects of research methodology- Literature, planning, data analysis and report writing.

**Organic Chemistry Practical II**  
**SUB CODE : MER31**  
**Objectives:**

To prepare the following organic compound involving two stages and. Quantitative estimation of organic compounds.
Inorganic Chemistry Practical II      SUB CODE : MER32

Objectives:-

To acquire skill in preparation of coordination complexes and to estimate gravimetrically and volumetrically the given metals ions (Mg, Ni, Zn, Fe and Cu) in the given mixture and analysis of ores and alloys.

Semester IV

Organic Chemistry – IV      SUB CODE : MER4A

Objectives:-

This paper introduces the basic methodologies for the synthesis of organic compounds. A brief introduction to biosynthesis of alkaloids and terpenoids is also included.

Inorganic Chemistry – IV      SUB CODE : MER4B

Objectives:-

This paper exposes the student to the importance of metal ions in biology and the chemistry of organometallic compounds and their industrial applications.

Physical Chemistry – IV      SUB CODE : MER4C

Objectives :-

To learn the principles of photophysics and photochemistry and their applications in organic and inorganic chemistry, energy conversion, Principles and applications of statistical thermodynamics and electrode kinetics are also included in this paper.

DEPARTMENT OF PHYSICS (PG – M.Sc.)

Semester-1  - Mathematical Physics (MCG1A)

The course is expected to
➢ Get the knowledge about Linear vector spaces and Tensors
➢ Solve linear differential equations
➢ Analyze the functions of complex variables
➢ Understand the Laplace and Fourier transformations
➢ Understand the concepts of Group Theory

Semester-I  - Classical Mechanics and Relativity (MCG1B)

The course is intended to
➢ Acquire knowledge about formulations of Lagrangian and Hamiltonian functions
➢ Understand the mechanics of rigid bodies
➢ Analyze about canonical transformations and their generators
➢ Get the knowledge about small oscillations and transformation to normal coordinates
➢ Understand the concepts of general and special theory of relativity and four vector formalism

Semester – I  - QUANTUM MECHANICS – I (MCG1C)

The course is aims to
➢ Understand the postulates of quantum mechanics and basic formalism of it.
➢ Solve the one dimensional and three dimensional problems
➢ Analyze the concept of the interaction pictures and general formalism of quantum mechanics
➢ Understand approximation methods on perturbation theory and application to SHM
➢ Understand the concepts of angular momentum algebra and identical particles

Semester-I  - INTEGRATED CIRCUITS AND MICROPROCESSOR 8085 (MCG1E)

The course is prelude to
➢ Apply knowledge linear integrated circuits and applications of operational amplifiers
➢ Understand simultaneous conversion of ADC, DAC and counter methods
➢ Analyze about combinational and sequential circuits using flip-flops
➢ Get the knowledge about 8085 programming, peripheral devices and their interfacing

➢ Understand and Apply knowledge on different interfacing devices

Semester-II - QUANTUM MECHANICS – II (MCG2A)

The course is expected to

➢ Understand scattering theory and Born approximation

➢ Apply knowledge on approximation methods on perturbation theory and semi-classical treatment of an atom with electromagnetic radiation

➢ Analyze concepts relativistic quantum mechanics

➢ Solve Dirac equation and Feynman’s theory of positron

➢ Understand the quantization of Klein-Gordon field using creation and annihilation operators

Semester-II - ELECTROMAGNETIC THEORY AND PLASMA PHYSICS (MCG2B)

The course is prelude to

➢ Solve the boundary value problems and the concepts of polarization in electrostatics

➢ Apply knowledge of Biot-Savart law and Ampere’s law in magnetostatics

➢ Get the knowledge about Maxwell’s equations

➢ Understand about propagation of waves in wave guides, inhomogenous wave equation and retarded potentials

➢ Understand the concepts elementary plasma physics

Semester-III - BASIC MATERIAL SCIENCE (MCGBC)

The course is intended to

➢ Understand the classification of materials for engineering applications

➢ Acquiring about phase diagram and its applications

➢ Get knowledge about the mechanism of phase transformation and application of it

➢ Understand about electron theory of metals, energy band and Fermi energy in solids

➢ Acquiring knowledge about the electrical and magnetic properties of materials
Semester- II  - MATHEMATICAL METHODS (MCGBD)
The course is aimed to

➢ Understand about matrix theory
➢ Understand about tensor analysis
➢ Understand series solutions of Bessel’s, Hermite and Legendre differential equations
➢ Get the knowledge about Fourier transforms and Laplace transforms with simple applications
➢ Get the knowledge about the Numerical methods for linear system and matrices

Semester- III  - STATISTICAL MECHANICS (MCG3A)
The course is expected to

➢ Understand about thermodynamic potentials and phase transitions
➢ Get the knowledge of foundations of statistical mechanics and thermodynamics
➢ Differentiate between canonical and grand canonical ensembles
➢ Get the knowledge about classical and quantum statistics
➢ Acquiring knowledge about Ising model and Fluctuation phenomena

Semester-III  - NUCLEAR AND PARTICLE PHYSICS (MCG3B)
The course is intended to

➢ know about nuclear interactions and nuclear forces
➢ Understand the types of nuclear reactions and conservation laws
➢ Analyze nuclear models and collective models
➢ Get the knowledge theory of beta decay and gamma decay
➢ Acquiring knowledge about elementary particles and Quark model

Semester- III  - COMPUTATIONAL METHODS AND PROGRAMMING (MCG3C)
The course is expected to

➢ Acquire the knowledge of solutions of different equations
➢ Develop the skills for solving the simultaneous linear equations
➢ Understand the concepts of interpolation formula and curve fitting
➢ Get the knowledge for Numerical differentiation and integration
➢ Acquire the knowledge in programming with Forton and C

Semester-IV - CONDENSED MATTER PHYSICS (MCG4A)

The course is prelude to

➢ Know about foundations of crystal physics
➢ Acquire knowledge about lattice dynamics and quantization of lattice vibrations
➢ Understand the theory of metals and semiconductors
➢ Analyze the different types of magnetism and theoretical approach of it
➢ Apply the theoretical and experimental concepts of superconductivity.

Semester-IV - MICROPROCESSOR AND MICROCONTROLLER-8051 (MCGAJ)

The course is intended to

➢ Explore the internal architecture of intel 8086
➢ Develop the skill in programming knowledge in 8086 microprocessor
➢ Get knowledge about the internal architecture of intel 8051 and assembly language of it
➢ Design interfacing I/O circuits and memory unit interfacing with 8051
➢ Understand the basics of embedded systems and PIC microcontroller

Semester- IV- MATERIAL SCIENCE (MCGAD)

The course is expected to

➢ Understand the structural features and production of ceramics and composites
➢ Acquiring the information of classification of polymers and plastics
➢ Understand the concepts of dielectric materials, classification and application of it
➢ Get the knowledge of purification of electronic materials and crystal growth techniques
➢ Explore the classification of magnetic materials and application of it

**Semester – III - ADVANCED SPECTROSCOPY (MCGAE)**

The course is aims to

➢ Explore the various concepts of nuclear quadrupole resonance and designing the NQR spectrometer
➢ Acquire the knowledge of principle and working of Mossbauer spectroscopy
➢ Insight to surface enhanced Raman scattering and application of it
➢ Explore the different types of surface spectroscopies
➢ Develop the concepts of nonlinear spectroscopic phenomena

**Semester-II - SPECTROSCOPY (MCGAA)**

The course is intended to

➢ Understand the concepts of microwave spectroscopy and their experimental technique
➢ Acquiring the knowledge normal coordinate analysis of spectroscopy
➢ Understand the concepts of infrared spectroscopy and application of it
➢ Get the knowledge of Raman scattering and Raman spectroscopy
➢ Understand the concepts and quantum theory of NMR and ESR spectroscopy

**Semester-II - ENERGY PHYSICS (MCGAG)**

The course is expected to

➢ Basic level of information about energy sources
➢ Acquiring the knowledge about energy from ocean and utilization of it
➢ Understand the concepts and basic principles of wind energy and application of it
-get the knowledge of Bio-mass and Biomass conversion technologies

-introduce the concepts solar radiation and its measurements

DEPARTMENT OF COMPUTER SCIENCE (M.Sc.)

DEPARTMENT: M.SC(COMPUTER SCIENCE) YEAR: I SEMESTER: I

SUBJECT: SYSTEM SOFTWARE SUB. CODE: PSD1C

CO1: Understanding the basics of language processing and its tools for developing Scanners & Parsers.

CO2: Analyze the Elements of Assembly Language Programming and to design Assemblers.

CO3: Learning the Aspects of Compilers and Compilation.

CO4: Implementation of Code Optimization Techniques for Interpreters

CO5: Learning the software tools for Linkers in Programming Environment.

✓ To analyze and understand the concepts of complexity analysis and notations.

✓ Implement the concepts of greedy and divide-and-conquer algorithm to solve real time applications.

✓ To analyze and understand the shortest path algorithms and graphs for solving dynamic problems.

✓ To study and implement the concepts of Backtracking and Branch and Bound techniques to solve problems.

✓ To implement the Lower Bound Theory to solve problems.

Department: M.Sc(Computer Science) Year – I Semester: I

Subject: Design and Analysis of algorithms Subject Code: PSD1A

✓ Trained to implement the programming skills in solving database system applications problems.
✓ Able to know and create a database and use normalization and designing between tables on the application programs of students mark sheet processing, library information, gas booking system.

✓ Understand and able to write code for real time problems.

✓ Implement the code for Bank transaction, Airline reservation and Income Tax Calculation.

Department : M.Sc(Computer Science)  
Year – I Semester : II  
Subject : Mobile Computing  
Subject Code : PSD21

✓ Acquire capability to work with different networks.
✓ Compare and contrast the various telecommunication system and apply the knowledge to various mobile operating systems.
✓ Identify the security algorithms to be used for mobile computing environment.
✓ Analyze and the concept of mobile network layer and routing strategies.
✓ Understand and examine the process of mobile transport layer.

Department : M.Sc(Computer Science)  
Year – II Semester : III  
Subject : Artificial Intelligence  
Subject Code : PSD3C

✓ Able to know the types of agents and learn how to apply the agent process on different problem.
✓ Able to apply the tools in knowledge representation and reasoning for realworld problems.
✓ Apply the scenarios of uncertainty and design the agents planning mechanism.
✓ Explore the basic knowledge representation, problem solving, and learning methods of Artificial Intelligence.
✓ Implement the communicating, perceiving and acting process on robotics.

Department : M.Sc(Computer Science)  
Year – II Semester : III  
Subject : Big Data Analytics  
Subject Code : PSDED

✓ categorize and Summarize Big Data and its importance.
✓ Analyze and understand the Predictive analytics on different problems.
✓ Able to know how to apply descriptive and survival analysis on problems.
✓ Understand about social network metrics.
Able to know about benchmarking and privacy.

DEPARTMENT: M.SC (COMPUTER SCIENCE)  YEAR: I  SEMESTER: I
SUBJECT: THEORETICAL FOUNDATION OF COMPUTER SCIENCE  SUB. CODE: PED1A

After completing the course, the students will be able to,

CO1: Model, Compare and Analyse different computational models using combinatorial methods.

CO2: Apply formal mathematical methods to prove properties of languages, grammars and automata.

CO3: Describe the language accepted by an automata or generated by a regular expression or a context free grammar.

CO4: Construct automata for regular expressions. Understand the basics of push down automata, using it they can prove the given language is not regular.

CO5: Have an overview of how the theoretical study in this course is applicable to engineering application like designing compilers.

CO6: Simplify automata and context free grammars.

DEPARTMENT: M.SC (COMPUTER SCIENCE)  YEAR: I  SEMESTER: II
SUBJECT: OBJECT ORIENTED ANALYSIS AND DESIGN  SUB. CODE: PED2A

CO1: Overview of System development activities, object basics, methodologies and UML

CO2: An idea of System analysis phase which includes object analysis, user interface concepts, classes responsibilities and association with case study

COS3: Development of design with an idea of design process and axioms, overview of System interoperability with case study.

COS4: Explanation of User interface design, concept of view layer and it’s process, case study.
COS5: Include the concept of software quality assurance, testing strategies, system usability and measuring user satisfaction.

DEPARTMENT : M.SC(COMPUTER SCIENCE)         YEAR : II     SEMESTER : III
SUBJECT : INFORMATION SECURITY          SUB. CODE: PSD3B

CO1: To study the security and attacks in Computers.
CO2: Analyze the authentication techniques for operating system.
CO3: Learning the Multilevel security for the databases.
CO4: Learning various security protection and threats in Networking.
    CO5: Ethical issues in security are explored to the students.

DEPARTMENT OF VISUAL COMMUNICATION (M.Sc.)

SEMESTER I

Introduction to Human Communication
This subject will focus on various aspects of human communication such as Nature and Scope of human communication, Theories of Interpersonal Communication, Theories of Persuasion (Elaboration Likelihood Model, Cognitive Dissonance), Public Communication (Rhetoric Model), Models of Mass Communication Visual Persuasion-Semiotic Approach (Sign, Meaning, and Iconography).

Expected Student Learning Outcomes

17. Demonstrate critical and innovative thinking.
18. Display competence in oral, written, and visual communication.
19. Apply communication theories.
20. Show an understanding of opportunities in the field of communication.
21. Use current technology related to the communication field.
22. Respond effectively to cultural communication differences.
23. Communicate ethically.
24. Demonstrate positive group communication exchanges.
Principles of Animation
The students will get the key knowledge in the field of animation by taking the hands on training in Key Poses, Breakdowns, In-betweens Counts, charts, slow-in-out Extreme Position, Arcs, Path of Action, Holds-Timing Emphasis, Anticipation, Flexibility, Weighted/Flow Joint Movement Action Generic Walks/Cycle, Runs/Cycles, Overlapping Action Personality, Expression, Eyes, Silhouetting, Dialogue, Laughter, Takes

Expected Student Learning Outcomes
1. Students are given introduction on how to animate objects
2. Basic level animation of each key poses and breakdowns are learnt
3. Students learn how to animate any given element. Visualization & Storyboard

In this subject students are being taught to create basic storyboard by visualization techniques, Drawing Terminology-Tools and Basic Techniques-Ideation & Creativity Storyboard, Characterization, Shots, Layouts, Composition and Staging Point of View, Horizons, Perspectives, Vanishing Point, Foreshortening, Plane Figure Composition, Frame, Light and Shade Logics Storyboard Tips and Techniques—Anima tics

Expected Student Learning Outcomes
1. Students are given introduction on how to visualize
2. Basic level drawing of each element is learnt by the students
3. By learning storyboard the student can cut the cost of budget in the actual production.
4. The student can communicate the crew member all the facts that is present in his mind even when he is not physically available in the set.

Computer Graphics & Animation I (3D Max, Maya)
The students will have a clear knowledge on the Basics of computer graphics, key concepts/terminologies Introduction to 3dsmax, Interface and Viewpoints-Maya Interface Objects, Materials, Reflections/Refractions Bump, maps, UVW mapping, unwrapping Traditional lighting techniques in depth, Different types of lights and their purpose Photometric Lights and Shadow, Interior and exterior rendering, Hyper-shade Modeling, Patch& NURBS, Polygon, Units and bitmap reference, Box/Spline Modeling after the completion of course.

Expected Student Learning Outcomes
1. Students are given introduction on basic animation software
2. Basic level lighting, texturing etc are learnt by the students.
3. Students learn different methods of modeling
4. The student can create set in computer and by creating the same he/she can reduce his budget in his actual production

Media Aesthetics
After the completion of the course the students can able to understand the asthetics of media and media organization by studying the Principles of design and applied media aesthetics, contextualization and perception Structuring Light and Lighting Structuring color, functions,
compositions and feel Structuring space-area and frames, depth and volume Study of two and three dimensional space and its visual possibilities

**Expected Student Learning Outcomes**

1. Students learn on aesthetics of different aspects.
2. By learning Aesthetics student will be able to make images or compositions in well presented way
3. Aesthetic rules will help students to make their works well presented and well planned.
4. The student now has good knowledge on aesthetics of various aspects such as camera, lights, angles and also colors.

**Indian Cinema**

Students are taught about the history of Indian cinema, he learns on various aspects of Early Cinema-Indian Cinema Beginning to Independence Post Independence Era—1970s-Regional, Parallel Cinema European, Asian and Latin American Cinema-Directors Indian Films-Decades 1980s, 1990s Contemporary Indian Cinema-Directors

**Expected Student Learning Outcomes**

1. Students learn about the history of Indian cinema
2. By learning about the history students learn on both the positives and negatives on what to make and what not to make when they make a movie.
3. When the student makes a movie he/she will be able to make it in such a way it can reproduce the history and at the same time he can avoid the mistakes which were made in the past.

**SEMESTER II**

**Film Language**

The subject will clearly indicate the students about the importance of Film Language as a visual communication system. Basic elements and tools (Scene, shots, movement, distance,), Camera Movements Editing-Triangle Principles (Timing, Montage) visual punctuation, transition, Signs, Syntax, Montage Codes, Framed Images, Diachronic Shots, Scene motion Guidelines and Rules of Filming (staging), dialogue, matching, glances

**Expected Student Learning Outcomes**

1. Students are introduced to language of film
2. They learn how a film can act as an message conveying tool.
3. They learn on various rules of filming and how it must be presented
4. Student learn how to convey a message semiotically

**Story Development & Scriptwriting**

Students are taught about the importance of story development and scripting procedure by inculcating the important aspects of story development process like Story Problems-Terminology of Story Design, Ideation-Originality- Creativity Elements of Story (Structure, Genre, Character, Meaning, Hero’s Journey) Principles of Story Design (Acts, Scene Design, Composition) Scriptwriting Tools and Techniques, Formats- Dialogue Writing, Action-Description Script Analysis-Exercises, Drills, Case Studies
Expected Student Learning Outcomes

1. Students learn on how to develop a story
2. They learn on the various aspects of a story and how it should be developed.
3. Students are introduced on how to prepare a script.
4. Students learn different methods writing scripts

Computer Graphics & Animation II (Maya, 3D Max)

The students will gain additional knowledge in advanced animation software like Maya and 3D Max with the continuation from the semester 1 by practicing the Principles of Movement Dynamics and particles, Types of particles and Space warps, Rigid-body and soft-body dynamics, Particle creations and settings, 2D and 3D Paint effects, Atmospheric effects, Fluid effects pre-build effects, Emitter, Fields and Collisions, Environmental Modeling, Hair, Cloth-Maya, Maya Fur and Hair, Maya nCloth, Scripting (MEL)

Expected Student Learning Outcomes

1. Students are given introduction on advanced animation software
2. Advanced level lighting, texturing etc are learnt by the students.
3. Students learn different methods of modeling and basic level of atmospheric effects
4. By learning this subject the student will learn on how to create a real life set.

Character Animation & Camera Techniques (Using Maya, 3D Max)

The students will gain additional knowledge in advanced animation & Character Design, Personality, Character Modeling (Shape, Proposition, Head Heights), Rigging and IK systems, Skeletons Constraints, Key-frame, Curves, Editors, Skinning & Character Sets, Deformations & Animation Effects (Morphing), Types of camera, Camera matching animation, Setup, Settings, Angles/Motion, Material Baking and Renderings, Videography Techniques for CG (Blue Matte etc.)

Expected Student Learning Outcomes

1. Students are given introduction on basic camera movements in animation software
2. Basic level movements of camera and other key frame animations are taught to the students.
3. Students can now use the animation software to create walkthrough of any given animated set.

Visual Culture in India

Students are taught about the importance of Visual Culture in India—Cultural Studies Approach—Images, Ideology, Representation. Film Culture (Celebrity/Hero-worship/Gender/Politics) Popular Culture in India, Folk Media and Narratives, Cartoon and Comic Traditions in India, Contemporary Visual Culture/Urban Culture, which will make the media students in building themselves as a better personality and also the nation.
Expected Student Learning Outcomes

1. Students are given introduction on the basics of how image is represented in India
2. Students learn on different aspects of cinema practices like hero worship, politics portrayal in cinema etc.
3. Students can utilize this topics when they are making a movie.

World Cinema

The students are being taught by the history and cinema around the world which will enhance them to improve their out of box thinking by studying the historical backgrounds like, Early Cinema-World-Indian Beginning to World War Post-War Films- Hollywood Cinema European Films and Film Makers Asian and Latin American Cinema-Directors Contemporary Cinema (Korean)

Expected Student Learning Outcomes

1. Students are introduced to world cinema.
2. Students learn how cinema played an important role in the process of world war.
3. Students can use the ideas and other information's they learn on the subject to make their movies.

SEMESTER III

Visual Research Methods

The subject will help the post graduate students to get in to the field of research and make them confident for their future studies by studying Research Process, Design, Basic Terminology, Applications Content Analysis of Visual Images-Measurement and Coding Social Semiotic Approach to Visual Analysis-Meaning Categorization Audience Survey, Reception Analysis Researching for Story

Expected Student Learning Outcomes

1. Students learn to analyze the messages in the visuals
2. The students are taught different theories of visual analysis
3. Students can interpret or even create any image by giving a message through a visual

Special Visual Effects

The students are taught to create the special visual effects by using the software and techniques like Compositing-principles and pipelines, integration with compositing software Paint, Particles Creating simple composites Matte Paintings, Animatronics, Sets, etc Pre-Production and Post-Production, Keying and Color correction VFX and its Constitutes, Techniques of Compositing-Exercises Compositing Techniques, Finishing Tools and Techniques
Expected Student Learning Outcomes

1. Students learn how to use the visual effects on their projects.
2. Students can use the compositing software to create visuals and merge them with their actual work.
3. Students learn how to utilize the green screen and place their subjects on another available or needed area.
4. The student can create visual effects in computer and by creating the same he/she can reduce his budget in his actual production.

Video Editing

The subject will enhance the students in the field of editing and also helps them to learn shooting procedure in editing perspective by studying Basic Editing Principles & Techniques Clipping, cutting, moving video clips & images, Fine tuning, Transitions and Effects— Non-linear Editing Software Interface and Functionalities Exercises and Practice- Editing Problems/Solutions

Expected Student Learning Outcomes

1. Students learn how to edit in a editing software
2. By learning editing students can merge two or more videos together to form a new message
3. Students also learn to use different editing techniques

Entertainment & Society

The students will understand the media as entertaining tool and also how to use the tool effectively by studying, Entertainment Definition- Characteristics of Mass Mediated Entertainment Pleasure Principle, Narrative Theory, Dramatic Theory Understanding Entertainment Audiences- Media Effects (Cultivation/Cultural Effects), News as Entertainment Business of Entertainment—Markets, Trends, Regulations, Interactive Media

Expected Student Learning Outcomes

1. Students learns what society is in the form of media context
2. Student learns how the message should be mediated based on the cultural background of the society
3. Students learn the trends of the society and can deliver according to what the society needs.

Film Analysis & Criticisms

This subject will change and make the students that the way they are watching films from the perspective of normal audience to a critic by giving them the various aspects of films like Film as Art and Mass Communication Early Film Theories Structuralisms Expressionism Cinema Vetier Realism, Neo-Realism, Critical Marxist Approaches Post-modern approaches, Feminist Approaches Contemporary Cinema, Digital Cinema & Aesthetics
Expected Student Learning Outcomes

1. Students are given introduction on how to analyze a film.
2. Students are given introduction on how to criticize a film.
3. Student learns different media theories.
4. Student can understand what the audience and the critics need on their production so that that can be given to the expectation.

SEMESTER IV

Computer Graphics & Animation III

The students will gain additional knowledge in advanced animation and made them as a professional animator by having a hands on training and the projects by Finishing Tools, Special Effects, Scripting Advanced Tips and Techniques with Maya/3D Max/Combustion Basic Animated Character, Movements shots (walk, run etc.) Logos/Titles TV Commercial/Promotions, Public Service Announcements Short Animation Film, Information Educational Programs.

Expected Student Learning Outcomes

1. Students are given introduction on advanced animation techniques
2. Advanced level lighting, texturing etc are learnt by the students.
3. Students learn different methods of modeling and advanced level of atmospheric effects
4. Students learn to make short films and animation of informative educational programs.

Sound Recording & Editing

The subject teaches the importance and sound and sound recording procedures and the role of sound in media by studying Sound Recording—Basic Tools and Techniques for Animation Voice-Over-Discourse-Non Voice-Music Track Sound Editing- -Dialogue and Lip sync. Editing Software Interface and Functionalities Exercises and Practice, Sound Effects for Animation

Expected Student Learning Outcomes

1. Students are given introduction on audio recording software
2. Students learn how to record sounds for various effects and situations.
3. Students learn different methods sound recording and mixing of sounds
4. Students learn on how to use the software to create natural sounds for their projects.

Project Management

The subject will enhance the students to understand the Market-Industries, Applications (Movies, Television, Web, Education) Project Management-Stages and Process-(Progress Charts etc.) Team/ Talent Management –Roles/Responsibilities, Work Flow-Piping Scheduling, Time Management, Delivery, Distribution, Contingency Plan Project Finance and Budgeting, Licensing, Copyright, Contracts Ownership and made them to maintain a project and leadership qualities.
Expected Student Learning Outcomes

1. Students are given introduction on managing the project
2. Industrial application of different stages and process of the media management is learnt by the student
3. Students learns how to schedule for a particular project, which makes him to prepare his own schedule in the future.
4. By learning this subject the student will also learn on how to prepare budget, obtain license and get copyright for his projects.

Research Project Work

The student learns to do a media research on his own either by quantitative approach or qualitative approach. The student identifies the problem, analyses the problem, does a proper research and finds a solution for the same.

Expected Student Learning Outcomes

1. Students are given introduction on basic research project
2. Students learn to do a research on the given topic.
3. Doing a research will enable the student to prepare himself to the needs of the society based on his findings to the given project. Specialization

The student can either choose from Advanced Techniques in 3D Max and Maya Audio or Video Editing Software or Advanced Effects/Finishing Tools based on their interest keeping mind their future

Expected Student Learning Outcomes

1. Students can prepare their portfolio for the future
2. Creating the portfolio will make him job ready.
3. Instead of toiling in the real life industry the paper enables the student to have his own portfolio in hand so that his work of approaching the media company is made easy.

Gaming & Game Design

The course will make the students into an entry level in the new media and an upcoming major job oriented field like gaming industry by giving them knowledge in Gaming History, Models of Games Social and Cultural implications of games Game design-Structure-Storytelling-Interactivity-Difficulty Level Techniques, Stages and Process of Design- Game Scripting/Writing Mobile Gaming, On-line Gaming-Social Games

Expected Student Learning Outcomes

1. Students are given introduction on advanced the gaming industry
2. Student learns on various aspects of gaming such as types, genres etc.
3. This paper enables the students to enter in the gaming field
4. Students knowledge on animation, special effects and gaming makes him a complete package to the gaming industry.

**DEPARTMENT OF COMMERCE**

**DEPARTMENT: COMMERCE**  
**SUBJECT NAME: FINANCIAL ACCOUNTING**  
**SUB CODE: CPZ1A**

1. To make the students to know the basic principles of accounting, concepts, conventions and accuracy equation.
2. To gain knowledge in the preparation of subsidy books and final accounts.
3. To understand the accounting knowledge in the field of sole proprietor system.
4. To apply accounting knowledge to reconcile cash book and bank a/c.

**DEPARTMENT: COMMERCE**  
**SUBJECT NAME: BUSINESS COMMUNICATION**  
**SUB CODE: CPZ1B**

1. To facilitate the students to understand the concept of communication.
2. To impart knowledge in the preparation of business letter.
3. To make the student to understand how to maintain correspondence with insurance companies, agencies and with companies.
4. To familiarise with report writing, minutes, circular and notes.

**DEPARTMENT: COMMERCE**  
**SUBJECT NAME: BUSINESS ECONOMICS**  
**SUB CODE: CDZ1A**

1. To make the student to understand the scope and importance of Business Economics
2. To understand the Demand and Supply functions
3. To throw light to students in consume behaviour, law of diminishing marginal utility.
4. To understand cost classification and break even analysis.

**DEPARTMENT: COMMERCE**  
**SUBJECT NAME: BASICS OF RETAIL MARKETING**  
**SUB CODE: CNE1B**

1. To understand the definition of retail and retail marketing.
2. To know the functions of retailing, types of retailing and store retailing.
3. To lay emphasis on supply chain management role of information technology in retailing.
4. To gain knowledge in communication tools used in retailing.

**DEPARTMENT: COMMERCE**  
**SUBJECT NAME: ADV. FINANCIAL ACCOUNTING**  
**SUB CODE: CPZ2A**
1. To gain knowledge about importance, nature and scope of management.
2. To understand the concept of planning, objectives, policies and types.
3. To know about the organization both formal informal and its structures.
4. To understand about the authority and responsibility relationships in the field by management.

DEPARTMENT: COMMERCE       I YEAR, SEMESTER II
SUBJECT NAME: INDIAN ECONOMY   SUB CODE: CDZ2A
1. To impart knowledge in economic growth and development.
2. To understand the problems of Indian Economy poverty, inequalities and unemployment.
3. To enable the students to understand agriculture and contribution towards economic development.
4. To enrich the knowledge of the students about five year plans and the role industry in economic development.

DEPARTMENT: COMMERCE       I YEAR, SEMESTER II
SUBJECT NAME: BASICS OF BUSINESS INSURANCE   SUB CODE: CNE2B
1. To enable the student to understand about basics of insurance, types and principles.
2. To understand the salient features of IRDA Act.
3. To know about life insurance, general insurance business.
4. To impart knowledge about LIC of India government and insurance companies.

DEPARTMENT: COMMERCE       II YEAR, SEMESTER III
SUBJECT NAME: CORPORATE ACCOUNTING   SUB CODE: CPZ3A
1. To make the students to understand about issue of shares and under writing of share, issue of preference shares and its Redemption.
2. To gain knowledge about preparation of final accounts of companies and also calculation of managerial remuneration.
3. To import knowledge about valuation of shares and Goodwill in Companies.
4. To Enrich the students understanding about alteration of share capital and internal construction in Companies.

DEPARTMENT: COMMERCE       II YEAR, SEMESTER III
SUBJECT NAME: BUSINESS LAW   SUB CODE: CPZ3B
1. To enable the students to understand the legal Framework available in law for business.
2. To make the students to understand the provisions governing the general contract under special contract.
3. To understand the performance contract, tender, Quasi contract and discharge of contract.
4. To know about the scale of goods act meaning of good condition and warranties.

DEPARTMENT: COMMERCE       II YEAR, SEMESTER III
SUBJECT NAME: BANKING THEORY, LAW AND PRACTICE   SUB CODE: CPZ3B
1. To facilitate the understanding of the origin and grow of the Indian Banking.
2. To enable the student to understand about RBI, its objectives, legal framework functions, SBI its origin and history.
3. To know about e-banking, internet banking security issues, electronic mobile wallets. ATM-evolution-concept-features
4. To enrich the students about the various bank accounts-opening, types, bank customer relationship-kyc norms, lending policies Negotiable instruments etc.

DEPARTMENT: COMMERCE II YEAR, SEMESTER III
SUBJECT NAME: MARKETING SUB CODE: CPZ3D
1. To enable the students to understand the features of indian marketing.
2. To make the students to understand the importance and relevance of marketing in to days business world.
3. To make the student to understand about marketing segmentation-consumer behaviour, marketing mix and product policy.
4. To enable the students to know about channels of distribution and recent trends in marketing.

DEPARTMENT: COMMERCE II YEAR, SEMESTER IV
SUBJECT NAME: ADVANCED CORPORATE ACCOUNTING SUB CODE: CPZ4A
1. To impart knowledge to the students about Amalgamation, Absorption and external Reconstruction of companies.
2. To make the students to understand preparation of holdings company Accounts and preparation of consolidated financial statements.
3. To enable the students to prepare banking and insurance company Accounts.
4. To make the student understand about the preparation of special accounting, human resources accounting, and accounting for price level changes.

DEPARTMENT: COMMERCE II YEAR, SEMESTER IV
SUBJECT NAME: COMPANY LAW SUB CODE: CPZ4B
1. To facilitate the student in understanding about join stock company-meaning-kinds-small companies, formation, memorandum of association-article of association.
2. To understand about Share capital and debenture, kinds and issue – Bonus share –rights issue – sweat equity share.
3. To throw light on managerial personnel of companies.
4. To enable the student to understand about meeting and Resolutions winding up of companies.

DEPARTMENT: COMMERCE II YEAR, SEMESTER IV
SUBJECT NAME: FINANCIAL SERVICES SUB CODE: CPZ4C
1. To enable the student to understand about various financial services.
2. To make the student to understand about merchant banking and public issue management..
3. To enable the students to know about money market and stock exchanges.
4. To enlighten the students about leasing and venture capital.

DEPARTMENT: COMMERCE II YEAR, SEMESTER IV
SUBJECT NAME: INDIRECT TAXATION SUB CODE: CPZ4E
1. To make the students to gain knowledge about the principles and procedure of indirect taxation.
2. To enlighten the students about the custom duty, GST, its procedures and application in the business.
3. To enable the students to understand the concepts and its applicability in real life business situations.

DEPARTMENT: COMMERCE III YEAR, SEMESTER V
SUBJECT NAME: ELEMENTS OF COST ACCOUNTING SUB CODE: CPZ5A
1. To understand the advantages of Costing to the stakeholders workers creditors and public.
2. To enable the students to understand the basic principles of costing and cost accounting.
3. To make the students to prepare Cost sheet and also reconciliation of cost accounting with financial accounting.
4. To enable students to understand about elements of Costing- material-labour and overheads.

DEPARTMENT: COMMERCE III YEAR, SEMESTER V
SUBJECT NAME: PRACTICAL AUDITING SUB CODE: CPZ5B
1. To enable students to gain knowledge of various techniques of auditing.
2. To know the meaning of auditing, scope of audit, audit planning- internal control -meaning -definition -objectives of internal control.
3. To impact knowledge about vouching and verification- vouching of cash receipts and payments- process of valuation of Assets and liabilities.
4. To through light on auditor's report, power, duties, remuneration of auditors and the recent trends in auditing.

DEPARTMENT: COMMERCE III YEAR, SEMESTER V
SUBJECT NAME: ENTERPRENEURIAL DEVELOPMENT SUB CODE: CPZ5C
1. To make the students to understand the concept of entrepreneurship and their work in life and also the effectiveness of Manpower in entrepreneurship.
2. To enable the students to understand the meaning, types, qualities, classification of entrepreneur factors influencing entrepreneurship.
3. To enable the students to understand the external Agencies who are related to the field of entrepreneurship.
4. To know about the project management identification of projects, feasibility study, business ideas generation techniques - preparation of project report- economic development and Entrepreneurship growth.

DEPARTMENT: COMMERCE III YEAR, SEMESTER V
SUBJECT NAME: FINANCIAL MANAGEMENT SUB CODE: CPZ5D
1. To impact the basics of financial management for the benefit of students.
2. To make them understand about the concept of investment and financing working capital.
3. To know about the objectives, function importantance, source of finance-role of finance managers.
4. To analyse the capital structure and cost of capital of companies.
5. To know about Dividend policies, dividend models and also about working capital.

DEPARTMENT: COMMERCE III YEAR, SEMESTER V
SUBJECT NAME: INCOME TAX LAW & PRACTICE SUB CODE: CVZ5A
1. To enable the students to be aware of the assessment procedures, Tax Planning and various provisions of I.T Act.
2. To understand the meaning of income-Assessee types- rates of tax, residential status- scope of total income.
3. To enlighten the students about the income from salary, income from house property.
4. To make the students to understand about the profits and gains from business or profession, e-filing and submission of Returns.

DEPARTMENT: COMMERCE  III YEAR, SEMESTER VI
SUBJECT NAME: ADVANCED COST ACCOUNTING  SUB CODE: CPZ6A
1. To make the students understand the process of ascertaining, classification and controlling of cost and learn about various methods of cost elements.
2. To understand about contract costing-process costing, normal and abnormal loss and concepts of Equivalent production.
3. To know about the operating costing, transport costing, power supply costing and Hospital costing.
4. To impart knowledge about marginal costing- P/V ratio, break even point- key factor margin of safety.
5. To learn about standard costing- material labour and overhead variances.

DEPARTMENT: COMMERCE  III YEAR, SEMESTER VI
SUBJECT NAME: MANAGEMENT ACCOUNTING  SUB CODE: CPZ6B
1. To enable the students to get knowledge about the various techniques of Management principles, practical skill in solving management problems.
2. To understand the scope – importance - limitations and its distinction with cost accounting, financial accounting.
3. To analyse the financial statements- comparative statement -common size statement and Trend statement and also about various types of ratios including profitability ratios.
4. To bring about a deep understanding of cash flow analysis, marginal costing, budgetary control and capital budgeting.

DEPARTMENT: COMMERCE  III YEAR, SEMESTER VI
SUBJECT NAME: BUSINESS ENVIRONMENT  SUB CODE: CPZ6C
1. To enable the student to know the factors influencing the changes in the business climate.
2. To highlight the concepts of business environment-its nature –significance, political cultural and legal environment.
3. To throw light on social, economic and global environment.
4. To know about environment existing in financial institution.

DEPARTMENT: COMMERCE  III YEAR, SEMESTER VI
SUBJECT NAME: INCOME TAX LAW & PRACTICE II  SUB CODE: CVZ6A
1. To facilitate the students in understanding the various provisions of I.T Act their relevance and significance of Tax.
2. To enlighten about the income from capital gains-cost of acquisition, cost of improvement-capital gains under different circumstances
3. To highlight the income from other sources-computation-Grossing up-deduction in computing income under the head and other related provisions.
4. To make the student to understand about clubbing of incomes and set off of losses-deduction from gross income and also about income tax authorities and procedures of assessment.

DEPARTMENT: COMMERCE
III YEAR, SEMESTER VI
SUBJECT NAME: HUMAN RESOURCES MANAGEMENT
SUB CODE: CVZ6B
1. To make the students to understand the various aspects of human resources management and also importants of human resources.
2. To understand the scope of human resources, Environment of HRM – HRM planning – Recruitment selection’
3. To throw light on training- methods techniques- performance appraisal Training and development –promoting and termination
4. To make them understand about compensation labour relation and also about human resources audit.

DEPARTMENT OF CORPORATE SECRETARYSHIP

Department: Corporate Secretaryship
Subject Name: Financial Accounting
Subject Code: CYA1A
CO1: Prepare financial statements in accordance with Generally Accepted Accounting Principles (GAAP).
CO2: To understand adjustment entries to be passed in the preparation of final accounts.
CO3: To gain knowledge on Depreciation of assets and its methods.
CO4: An understanding on the accounting procedure of Non-Profit Organizations.
CO5: To gain knowledge on the salvage and fire insurance claims.

Department: Corporate Secretaryship
Subject Name: Company Law & Secretarial Practice -I
Subject Code: CYA1B
CO1: To learn about the characteristics and the various types of company form of organization.
CO2: To understand the importance, roles, duties and responsibilities of a company secretary.
CO3: To gain knowledge regarding memorandum of association, articles of association and procedures involved in issuing prospectus.
CO4: To know about the various types shares and the rules regarding alteration of share capital.
CO5: To learn about the procedures involved in nomination of member in the company form of organisat
Department: Corporate Secretaryship  
Subject Name: Marketing  
Subject Code: CYB1B  
Year: I Semester: I

CO1: To gain knowledge of various functions of marketing.
CO2: To understand the internal and external environment affects marketing of goods and services.

    understand the psychology, need and expectations of customer and to serve accordingly.
CO3: To understand the buying motives of customers to segment the market accordingly
CO4: To understand the various business and product life cycles to launch the new product in the market.
CO5: To understand the importance of MIS and E-marketing.

Department: Corporate Secretaryship  
Subject Name: NME – Introduction to Financial Markets  
Subject Code: CYN1D  
Year: I Semester: I

CO1: Students can get an idea about the derivatives like Options and Future contracts.
CO2: students can gain the knowledge of greater share of investment in growing sectors.
CO3: To enable the students familiarize in a particular markets or service.
CO4: To study the financial markets, instruments and institutions.
CO5: To make the students identify most profitable sectors.

Department: Corporate Secretaryship  
Subject Name: Advanced Financial Accounting  
Subject Code: CYA2A  
Year: I Semester: II

CO1: To understand about branch accounts and different types branch accounting.
CO2: To gain knowledge on the allocation and apportionment of expenses.
CO3: To understand the difference between Hire purchase system and Installment System and Accounting procedure followed under each system.
CO4: To gain knowledge on the preparation of Partnership accounts during Admission, Retirement, Death, Insolvency of Partner or partners and dissolution of firm.
CO5: To understand the Piece meal distribution among the partners.

Department: Corporate Secretaryship  
Subject Name: Human Resource Management  
Subject Code: CYA2B  
Year: I Semester: II

CO1: To understand the functions, roles and responsibilities of human resource manager.
CO2: To understand the process of recruiting and selecting the employees in the organization.
CO3: To learn the procedures and techniques involved in training the employees and appraising their performance.

CO4: To gain understanding the various methods used for compensating the employees and participating them in decision making.

CO5: To understand the benefits of quality circle and approaches of human resource audit.

Department: Corporate Secretaryship
Subject Name: Business Communication
Subject Code: CY2B

CO1: Identify key principles in business communication.

CO2: Identify the appropriate use of different channels of written communication.

CO3: Discuss different processes and consideration involved in writing business related communication.

CO4: Write various types of business communication including informative messages and response messages.

CO5: Discuss the different types of reports and their purposes.

Department: Corporate Secretaryship
Subject Name: NME – Fundamentals of Insurance
Subject Code: CYN2C

CO1: To study the conceptual framework of insurance by the students.

CO2: The students can gain the knowledge of various types of insurance such as Life, Fire, Marine and Miscellaneous.

CO3: To enable the students familiarize in managing cash flow uncertainty.

CO4: Students can get an idea about claims under different methods.

CO5: To make the students specialize in importance of insurance.

Department: Corporate Secretaryship
Subject Name: Corporate Accounting - I
Subject Code: CYA3A

CO1: A Conceptual understanding of the features of shares and debentures.

CO2: To give an exposure to the company final accounts.

CO3: To gain knowledge on accounting methods relating to business.

CO4: Students can get an idea about internal reconstruction.

CO5: To make the students specialized in the accounting.
**Department: Corporate Secretaryship**

**Subject Name: Company Law & Secretarial Practice -II**

CO1: To understand the borrowing powers of the company and different methods of raising funds.

CO2: To understand the process of formation and registration process of the company.

CO3: To learn the procedures involved in conducting various types of companies meeting.

CO4: To gain knowledge regarding declaration of dividends and importance of auditing.

CO5: To understand the process of winding up.

**Department: Corporate Secretaryship**

**Subject Name: Auditing**

CO1: It helps the students to gain knowledge relating to the various functions involved in auditing.

CO2: It helps the students to understand the procedures and steps involved in auditing.

CO3: The role, powers, duties and responsibilities of auditors can be clearly understood by the students.

CO4: It enables the students to be aware of the organizational operations.

CO5: It guides the students in examining different types of vouchers and documents.

**Department: Corporate Secretaryship**

**Subject Name: Corporate Accounting - II**

CO1: To make the students familiarize with corporate accounting procedures.

CO2: Keep them aware about accounts of banking and insurance companies.

CO3: Enable the students to understand about amalgamation, absorption and External reconstruction.

CO4: To enable the company accounting standards importance and its Applications

CO5: To prepare the students to take professional examinations viz., CA, ICWA, ACS.

**Department: Corporate Secretaryship**

**Subject Name: Business Management**

CO1: To understand the various functions and levels of management, skills and roles performed by managers in the organization.

CO2: To plan the organization and to take effective decisions for critical problems.

CO3: To understand the organization structure and various types of departmentation.
CO4: To learn the steps in delegating the authority and techniques involved in directing and motivating the employees.

CO5: To learn the ways to co-ordinate and control the organization.

Department: Corporate Secretaryship  
Subject Name: Banking Theory Law & Practice  
Subject Code: CYB4B  
Year: II Semester: IV

CO1: To know about Indian banking system.

CO2: To gain knowledge in various types of fund transfers such as NEFT, RTGS, ECS etc..

CO3: To learn about customer grievances and redressal.

CO4: To have a clear understanding on the different types of negotiable instruments and types of endorsement.

CO5: To learn the types of lending and borrowing and to learn about the principles of sound lending.

Department: Corporate Secretaryship  
Subject Name: Environmental Studies  
Subject Code: ENV4A  
Year: II Semester: IV

CO1: To understand the scope of EVS and its importance

CO2: To understand need for Public Awareness on environmental issues

CO3: To learn various Forest Resources-Water Resources-Mineral Resource-Energy Resources-Land Resources

CO4: To learn about Bio-diversity and pollution.

CO5: To understand various Man Animal Conflicts, Causes and Remedies

CO6: To learn what is Nuclear Hazard and Radioactive pollution

CO7: To understand Global Warming and Ozone Depletion, Greenhouse Effect

Department: Corporate Secretaryship  
Subject Name: Management Accounting  
Subject Code: CYA5A  
Year: III Semester: V

CO1: To acquire the knowledge and skills relating to the application of management accounting concepts and techniques for business decisions.

CO2: To know the concept of financial statement analysis

CO3: To gain knowledge of preparation of fund flow, cash flow statement and various ratios to evaluate the performance of the company.

CO4: To understand the control techniques used by the management such as cash budgeting.

CO5: To Know the various methods of analysis such as marginal costing, Breack Even Analysis etc.
**Department: Corporate Secretaryship**  
**Subject Name:** Security Law & Market Operations  
**Subject Code:** CYA5B  
**Year:** III Semester: V

**CO1:** To understand the features and functions of SEBI in primary and secondary market.

**CO2:** To gain in-depth knowledge about Primary and Secondary Market.

**CO3:** To gain knowledge on Mechanics of Stock market trading, role of brokers and listing of securities.

**CO4:** To understand about Need and Importance BSE Sensex, NSE, NIFTY, OCTEI, and other Index Numbers.

**CO5:** To understand about the procedure of Demat Trading and benefits of mutual fund investments.

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**Department: Corporate Secretaryship**  
**Subject Name:** Income Tax Theory Law & Practice - I  
**Subject Code:** CYA5C  
**Year:** III Semester: V

**CO1:** To enable the students to develop conceptual and application skills in Indian tax laws.

**CO2:** To ascertain the exempted income, residential status and incidence of tax liability.

**CO3:** To understand the procedure involved in calculation of salary income and business income.

**CO4:** To have a clear understanding on the different types of assessment procedures and the types of returns filed by the assessee.

**CO5:** To understand the steps and procedure involved in calculation of professional income.

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**Department: Corporate Secretaryship**  
**Subject Name:** Commercial Law  
**Subject Code:** CYA5D  
**Year:** III Semester: V

**CO1:** Demonstrate understanding of the basic concepts of Contract Act

**CO2:** Demonstrate understanding the performance of contract and various kinds of contracts

**CO3:** To understand the concepts of Bailment, Pledge, Indemnity and Guarantee

**CO4:** To understand the concepts of Agency and Arbitration

**CO5:** Demonstrate understanding of the basic concepts of Sale of Goods Act

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**Department: Corporate Secretaryship**  
**Subject Name:** Entrepreneurial Development  
**Subject Code:** CYE5A  
**Year:** III Semester: V

**CO1:** To understand the types, qualities and classification of entrepreneur.

**CO2:** To gain knowledge of financial assistance offered by various financial institutions, government and trade associations to SSI.

**CO3:** To learn the selection and feasibility analysis of product and preparation of project report.
CO4: To understand role and significance of Entrepreneurial Development Programme (EDP) to SSI.

CO5: To learn the various strategies adopted by SSI to sustain in competitive environment.

**Department: Corporate Secretaryship**

**Subject Name: Value Education**

**Subject Code: VAE5Q**

**CO1:** To have a brief knowledge about self-esteem, ego, anger manifestation, Indian ethos in ethics and individuals personality in the eyes of others

**CO2:** It helps to gain knowledge about leadership, ethical business decisions, basic principles of professional ethics and mass media ethics.

**CO3:** To have a brief knowledge about the effects of advertising, value of faith, social awareness and commitment and the steps for the protection of environment

**CO4:** To gain a brief knowledge about the impact of globalization and consumer awareness, signs for an everlasting peace, evolution of human rights and the international law in operation

**Department: Corporate Secretaryship**

**Subject Name: Cost Accounting**

**Subject Code: CYA6A**

**CO1:** To deal with various aspects of cost accounting.

**CO2:** To ascertain cost of goods/services accurately to control its prices.

**CO3:** To learn about the preparation of various methods of wage payments, methods of incentives.

**CO4:** To gain knowledge for allocating expenses in various heads Factory, Administration, Selling and Distribution.

**CO5:** To Gain knowledge regarding various methods of costing.

**Department: Corporate Secretaryship**

**Subject Name: Industrial Law**

**Subject Code: CYA6B**

**CO1:** To understand the health, safety and welfare provisions provided by the factory and to learn about the employment of workers and their wages.

**CO2:** To learn about the fixation and revision of wages and fixing of minimum wages to workers.

**CO3:** To learn about the various authorities involved in resolving industrial disputes.

**CO4:** To understand the rights, duties and functions of trade union and licensing of contract labour.

**CO5:** To understand the ways for compensating the workers.
**Department: Corporate Secretaryship**

**Subject Name: Income Tax Theory Law & Practice - II**

**Subject Code: CYA6C**

**CO1:** To have an overview of capital gains.

**CO2:** To learn about the calculation of income from other sources.

**CO3:** To learn about the calculation of agricultural and non-agricultural income.

**CO4:** To understand the set-off and carry forward of losses and deductions.

**CO5:** To understand the application and computation of tax slabs and net taxable liability.

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**Department: Corporate Secretaryship**

**Subject Name: Indirect Taxes**

**Subject Code: CYA6D**

**CO1:** Types of tax system in India and Indirect taxation basic concepts

**CO2:** To understand the various concepts under Excise Duty and Procedures adopted and process of Levy and collection of Excise Duty

**CO3:** To understand the various kinds of customs duties and the concepts under Customs Act

**CO4:** To understand the Export and Import procedure

**CO5:** To clarify the basic concepts of service Tax and various procedures involved in it

**CO6:** To understand the concepts and various procedures under Value Added Tax System and Central Sales Tax

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**Department: Corporate Secretaryship**

**Semester: VI Subject Name: Institutional Training**

**Subject Code: CYE6Q**

**CO1:** To have an overview of organization.

**CO2:** To understand the various functions of organizations.

**CO3:** To learn the culture, policies and practices of organizations.

**CO4:** To know responsibilities and authority performed by employees in the organizations.

**CO5:** To understand the layout, structure and positions of organizations.
DEPARTMENT OF COMMERCE (M.Com.)

DEPARTMENT: COMMERCE  
SUBJECT: ADVANCED CORPORATE ACCOUNTING AND ACCOUNTING STANDARD. 
SUBJECT CODE: KDA1A 
I YEAR I SEMESTER 

1. To develop an understanding about corporate accounting methods and procedures and to develop skills in the preparation of accounting statement and its analysis. 
2. To become aware of accounting regarding share capital, debentures, underwriting, valuation of goodwill and shares. 
3. To know about accounting aspects of amalgamation, absorption and external reconstruction, liquidation and preparation of consolidated balance sheet of companies. 
4. To understand financial statement of Banking companies, insurance companies, price level changes and human resource accounting. 
5. To comprehend the Generally Accepted Accounting Principles and mandatory accounting standards.

DEPARTMENT: COMMERCE  
SUBJECT: FINANCIAL MANAGEMENT 
SUBJECT CODE: KDA1B 
I YEAR I SEMESTER 

1. To understand the meaning, nature scope and objectives of financial management, role of financial management and also about risk return trade off. 
2. To know about various theories and practices of capital structure, financial plans and to examine factors affecting capital structure decisions. 
3. To make the students to know about various theories, policies and practices of dividend and practice and factors affecting dividend decisions. 
4. To understand the concept components and importance of Working Capital Management and estimation of Working Capital and its optimum level. 
5. To understand and explain features of capital budgeting and evaluation of capital budgeting decisions using advanced techniques.

DEPARTMENT: COMMERCE  
SUBJECT: ORGANISATIONAL BEHAVIOUR 
SUBJECT CODE: KDA1C 
I YEAR I SEMESTER 

1. Genesis operational behaviour and individual behaviour. 
2. Theoretical exposure group decision making and communication importance, process, Barriers methods to reduce barriers –stress-meaning types and stress management. 
3. Learning organisational dynamics- organisational effectiveness- meaning, approaches- organisational culture and implication of organisational behaviour. 
4. To understand organisational change-resistance to change-management of change.

DEPARTMENT: COMMERCE  
SUBJECT: MANAGERIAL ECONOMICS 
SUBJECT CODE: KDA1E 
I YEAR I SEMESTER
1. To learn about the scope, method of managerial economics - risk - uncertainty and probability analysis.
2. To understand the demand analysis, concepts, tools for demand forecasting, demand forecasting to consumer goods.
3. To know about concepts in resources allocation Cost Analysis, break even analysis, short run and long run cost function, production function, Economics of Size and capacity utilisation.
4. To develop an understanding about market structure, pricing and output, general equilibrium, product policy - pricing objectives, pricing methods - differential pricing - price discrimination policy – MRTP.

DEPARTMENT: COMMERCE  
I YEAR I SEMESTER  
SUBJECT: CRM AND RELATIONSHIP MARKETING  
SUBJECT CODE: KDACG

1. To impart knowledge on customer relationship management and to provide an overview on various concepts relating to relationship marketing.
2. To understand qualitative measurement methods, quantitative measurement methods and calculating of relationship indices.
3. To throw light to the students on customer relationship survey design - statistical analysis of customer survey using survey results.
4. To learn about relationship in marketing - concepts, relationship drivers - lasting relationship.
5. To know about customer partnership - supplier partnership - The technology revolution in this field.

DEPARTMENT: COMMERCE  
I YEAR II SEMESTER  
SUBJECT: ADVANCED COST AND MANAGEMENT ACCOUNTING  
SUBJECT CODE: KDACG

1. To impart knowledge on cost and Management Accounting techniques and to develop the skills of students in the preparation of cost and management statements.
2. To make them understand about installation of Costing system - records required to be maintained under Companies Act 1956 cost reduction and cost control.
3. To lay emphasis on the preparation of process costing - treatment of equivalent production - inter process profit - ABC costing.
4. To make the student understand about preparation of various budgets, cost volume profit analysis - decision making - accounting for price level changes and financial statement analysis.

DEPARTMENT: COMMERCE  
I YEAR II SEMESTER  
SUBJECT: QUANTITATIVE TECHNIQUES FOR BUSINESS DECISIONS  
SUBJECT CODE: KDA2B

1. To develop an understanding of the theory of probability rules, probability distribution.
2. To comprehend the decision making process using different tools of statistics and also about the concepts of Sampling, sampling distribution and estimation.
3. To understand the meaning and process of hypothesis testing including 1-sample and 2-sample test.
4. To understand the meaning and importance of correlation and regression analysis both simple and multiple, and also about linear programming graphical simplex models-assignment.

DEPARTMENT: COMMERCE  I YEAR II
SEMESTER
SUBJECT: MARKETING OF SERVICES  SUBJECT CODE: KDA2C

1. To provide specialised knowledge and marketing skills for service sector and to expose students to marketing factors in service sector.
2. To understand the nature, classification of services and also its implications marketing strategies for service firms- with special reference to information, communication, and Advertising, professional service, after Sales Service.
3. To make the student to understand the product support service-pricing of service-problems of quality-Innovations in services.
4. To know about marketing of financial services nature-types-marketing of insurance, mutual fund and also about CRM and relationship marketing-customer satisfaction.

DEPARTMENT: COMMERCE  I YEAR II
SEMESTER
SUBJECT: TOTAL QUALITY MANAGMENT  SUBJECT CODE: KDAXA

1. To provide expert knowledge in TQM techniques - emerging field in manufacturing industry-to build clarity on concepts developed the skill practical application of concepts.
2. To explain the student about quality control and how the statistical tools can be applied in the field of quality control.
3. To know about the sampling technique that can be applied in the field of Engineering, manufacture through the use of control charts, defect diagnosis and prevention- ABC analysis and standard Tolerancing.
4. To know about quality improvement –Zero defect, quality motivation techniques,quality management system and total quality control.
5. To make the student understand about selection of ISO model and implementation of ISO-9000 human resource development and quality circles.

DEPARTMENT: COMMERCE  I YEAR II
SEMESTER
SUBJECT: CONSUMER RIGHTS AND EDUCATION  SUBJECT CODE: KDACC

1. To make the student to understand the consumer movement in India, profile of Indian Consumer problems of Indian consumers- consumerism ill effects of consumerism.
2. To throw light on right of consumers, responsibilities education and awareness building-unfair trade practices- Caveat emptor.
3. To know about Consumer Protection Act main provisions redressal forums at different level power and function - filling of complaints

4. To learn about consumer pressure groups-voluntary consumer organisation- Consumer Protection councils, consumer satisfaction and social responsibility of business.

DEPARTMENT: COMMERCE II YEAR III
SEMESTER SUBJECT: RESEARCH METHODOLOGY SUBJECT CODE: KDA3A

1. To provide knowledge on research methods, techniques and the process and to develop skills in the application of research method for business problem solving.

2. To learn about the meaning- and purpose types of research- pure and applied, survey ,case study experimental, exploratory- Research Design- step and selection and formulation of research problem.

3. To make the students to understand about the formulation of hypothesis -types sources -testing sampling techniques, methods of data collection primary and secondary, observation –interview.

4. To impart knowledge about processing and Analysis of data- editing -coding -transcription tabulation -report writing- target audience types of reports- contents of reports- steps in drafting report.

DEPARTMENT: COMMERCE II YEAR III
SEMESTER SUBJECT: KNOWLEDGE MANAGEMENT SUBJECT CODE: KDA3B

1. To provide knowledge and understanding managing human resources in organisation and to provide exposure on knowledge management tools.

2. To learn about knowledge economy- technology and knowledge management -knowledge management Matrix ,strategy ,as strategic asset.

3. To impart knowledge about knowledge attributes- knowledge transformation -knowledge Sourcing.

4. To learn about organisational learning collection in classification and codification of knowledge- knowledge management Tools and ,techniques ,knowledge audit.

DEPARTMENT: COMMERCE II YEAR III
SEMESTER SUBJECT: FUNDAMENTALS OF INFORMATION TECHNOLOGY SUBJECT CODE: KDA31

1. To know basic skills in computer applications classification and Boolean Algebra.

2. To understand computer software C program.

3. To acquire knowledge and update MS-Word ,MS-Excel, PowerPoint and MS-Access applications.

4. To understand the concept of internet, ISP, email and multimedia applications to develop working knowledge and business related software, Tally and SPSS.

DEPARTMENT: COMMERCE II YEAR III
SEMESTER SUBJECT: BUSINESS ETHICS, CORPORATE SUBJECT CODE: KADXB
GOVERNANCE AND SOCIAL RESPONSIBILITIES
1. To develop an understanding among the students on ethical issues in business and good governance practices and the impact skills of analysis and capability of making business decisions.
2. To Learn about the concepts of ethics, sources, values, code of conduct, ethical management, Love and reverence in work and life – Spiritual core of leadership.
3. Advertising and information disclosure ethics and ecology- employee rights, conflict of interest work ethics - professional ethics corporate social responsibility
4. To know about corporate governance and code of governance- Birla Committee report.

DEPARTMENT: COMMERCE II YEAR III
SEMESTER
SUBJECT: INDIRECT TAXES
SUBJECT CODE: KDAAD
1. To provide distinction between direct tax and indirect tax and also related incidence of tax rules of indirect tax and to provide and standing on the concept of Central Excise and service under the emerging increase importance of service sector.
2. To know about basic tax this is duty, direct tax vs indirect tax movement towards GST.
3. To understand about Central Excise, Excise duty, types of excise duty procedure for assessment and payment of excise duty.
4. To impart knowledge on service tax first principle of taxable service negative list, exemption list taxable area procedure for assessment and payment of service tax, value added tax its-features sales, not sales team receives procedures for assessment of value added tax.

DEPARTMENT: COMMERCE II YEAR IV
SEMESTER
SUBJECT: MANAGEMENT INFORMATION SYSTEM
SUBJECT CODE: KDA4A
1. To acquire in-depth knowledge on information system in business and information flow.
2. To learn database management system and its classification and recent trends in database.
3. To develop, design and Redesign an information system.
4. To understand various types of information system and integration of financial information system and security control audit of information system.

DEPARTMENT: COMMERCE II YEAR IV
SEMESTER
SUBJECT: INVESTMENT ANALYSIS AND PORTFOLIO THEORY
SUBJECT CODE: KDA4B
1. To provide knowledge on basics of investment management and to develop skill for Investment analysis and portfolio building.
2. To know about the nature, scope, objectives, constraints factors - investment process, impact of economic analysis role of capital markets.
3. To impart knowledge about approaches to Security Analysis, fundamental analysis, Technical Analysis, ,dow Theory random walk theory, common Stock Analysis- economic indicators.
To understand the company analysis components non financial aspects- financial analysis - ratio analysis, dividend yield payment ratio risk return, market risk, interest rate risk etc.

DEPARTMENT: COMMERCE II YEAR IV
SEMESTER
SUBJECT: MERCHANT BANKING SUBJECT CODE: KDA4C
AND FINANCIAL SERVICES
1. To provide conceptual understanding an in-depth knowledge of merchant banking services concerning financial markets in India and to provide knowledge of financial services.
2. To know about merchant banking, bankers, Corporate counselling-project counselling, pre investment studies capital restricting service credit syndication - working capital finance.
3. To learn about public issue management factor concerning new issues and post issue activities that in public issue proposal pricing of issues.
4. Underwriting- meaning- types- Agencies, SEBI guidelines - grey market depositing receipts meaning and mechanism - GDR - IDR etc.

DEPARTMENT: COMMERCE II YEAR IV
SEMESTER
SUBJECT: ADVERTISING & SALESMANSHIP SUBJECT CODE: KDACD
1. To understand the conceptual overview of marketing strategy, Trends and practices.
2. To explore innovative practices in targeting new market avenues.
3. To examine marketing strategies and developed media support.
4. To overview analytical skills required for salesman traits- qualities.
5. To evaluate the importance of personal selling functions in all marketing avenues.

DEPARTMENT: COMMERCE II YEAR IV
SEMESTER
SUBJECT: PROJECT SUBJECT CODE: KDA4Q
1. To make sentence to know about preparation of project report of their choice of subjects including introduction, review of literature profile of the study, methodology of the study, data analysis and summary, Conclusion and suggestions.
Subject Name: Marketing  
Subject Code: CPG1B
CO1: Helps in formulating marketing plans with the aid of marketing objectives, mix and strategies.
CO2: Helps in effective distribution of goods and services at their own risk.
CO3: Converts him into an effective salesman with the help of various marketing plans and programmes.
CO4: Creating awareness regarding various consumer rights.
CO5: Gain knowledge about various consumer preferences through market research.

Year: I  Semester: I

Subject Name: Advanced Financial Accounting  
Subject Code: CPG2A
CO1: Various methods of Branch accounting and its preparations from the Head office ledger is understood.
CO2: Exploring basis of allocation in Departmental accounts using Selling price and Cost price method.
CO3: Effective knowledge on Hire purchase and installment systems.
CO4: To gain knowledge on Partnership Capital using Fixed and fluctuation method and also to value the goodwill of Partners under admission cum retirement and death.
CO5: The process of Dissolution of partnership and the method of disbursement of liabilities is gained.

Subject Name: Business Environment  
Subject Code: CPG2B
CO1: Smooth functioning of business cycle depends on availability of inputs and disposal of output.
CO2: A study of business environment is essential to take full advantage of opportunities for gain hidden in the business environment.
CO3: To Ensure Better Competitiveness and Higher Profitability.
CO4: To plan long-term business strategy.
CO5: Decision-making is a process of selecting the best alternative from among various available alternatives.

Year: II  Semester: III

Subject Name: Corporate Accounting I  
Subject Code: CPG3A
CO1: To make the students understand the basics on issue of shares and on debentures.
CO2: A clear Understanding on Preference shares and redemption on Preference Shares both conceptual and Practical application
CO3: Final accounts gives the students a detail independence in working with amended Companies Act Norms
CO4: To gain knowledge on issue of shares and goodwill using various methods in certaining the EPS
CO5: An advanced mechanism in learning about alteration of Capital and to reconstruct the company internally

Subject Name: Business Law
Subject Code: CPG3B
CO1: A thorough knowledge on nature and essentialities of valid contract.
CO2: To understand the meaning of Offer, Acceptance and Consideration.
CO3: To know details regarding the Performance of Contract, Quasi Contract, Tenders and Quotations.
CO4: To understand various contracts of Sale of Goods Act.
CO5: To create confidence and eligibility to enter into various business contracts.

Subject Name: Banking Theory Law and Practice
Subject Code: CPG3C
CO1: Understand banking facilities and its role in economic development.
CO2: Gain knowledge on open up accounts and various types of customers.
CO3: Classification of various banking system.
CO5: Conceive knowledge about

Subject Name: Entrepreneurial Development
Subject Code: CPG3D
CO1: Organising and carrying out Entrepreneurial activities.
CO2: Understanding of business situations.
CO3: Advance their skills in customer development thought process.
CO4: Master in oral and visual presentation skills and establish confidence.
CO5: Create presentation and business plans.
CO6: Improve Communication and Problem solving skills.

Subject Name: Indian Economy – I
Subject Code: CDG3A
CO1: Apprehending the features of underdeveloped countries with its indicators of its development.
CO2: To spot the trends in National Income and analyse about the regional disparities in national development.
CO3: Flourish the ideas about planning in India.
CO4: Comprehending various types of infrastructural facilities in India.
CO5: To give a detailed account about the five year plans and how they help in development of Indian Economy as a whole.

Year: II  Semester: IV

Subject Name: Advanced Corporate Accounting
Subject Code: CPG4A
CO1: To make the students intellectually capable of analysing Merger and acquisition
CO2: To gain skills on holding Companies accounting practises and the benefits to be shared with minority interest
CO3: Specialised knowledge on various types of companies under predefined Schedules under Banking and Insurance as per latest amendments with Companies Act 2013, Banking Regulation Act and Insurance Regulatory and Development Act
CO4: The process of winding up of companies based on Legal and Voluntary system in learnt and a detailed study on the method and steps in settling the Affairs.
CO5: To equip the students on Price level changes system based on Current Purchase Power Method, Current Cost Accounting Method and various other such methods

**Subject Name: Financial Services**  \hspace{1cm}  **Subject Code: CPG4B**
CO1: Understanding of various aspects of Financial Services, its growth, players and stating the Macro aggregates in India.
CO2: Inculcates the ideas of Merchant Banking’s code of conduct and mechanics of Public Issue Management.
CO3: Encouraging them to involve them in Stock Market Operations, Mutual Funds etc..
CO4: Gain knowledge about SEBI regulations and its operations.
CO5: Knowledge regarding the emergence of Venture Capital in India.
CO6: Ideas regarding the workings of CRISIL, CARE,ICRA and its influence on business.

**Subject Name: Principles of Management**  \hspace{1cm}  **Subject Code: CPG4C**
C01 All Management principles aims at ensuring the overall efficiency of the business.
C02 Management principles provides guidelines as to how tasks are to be completed for increased efficiency.
C03 All the knowledge imparted to the students of management are derived from management principles
C04 Principles of management plays a keyrole in administering the business by helping in the regulation of the Human resource among each other and also by prescribing norms of relation.
C05 Most of the principles of management revolves around the behaviour of humans and aims at influencing this Behaviour

**Subject Name: Business Communication**  \hspace{1cm}  **Subject Code: CPG4D**
- Interacting with people up and down the corporate hierarchy.
- Positioning oneself for promotional opportunities.
- Selling ideas, proposals, and products.
- Enhancing personal and social relationships.
- Improving etiquette in all forms of contemporary media.

**Subject Name: Indian Economy - II**  \hspace{1cm}  **Subject Code: CDG4A**
C01 Apprehend the features of agriculture and presenting them to economic development.
C02 Crack the role of industries in building the economy and the nation.
C03: Appreciation of foreign trade, EXIM Policy, Composition and its direction.
C04: Emolumenting the know how of public finance and Fiscal Policy in the manumit areas.
C05 : Foster ideas on growth and state of information technology in India.

**Year: III  Semester:V**

**Subject Name: Practical Auditing**  \hspace{1cm}  **Subject Code: CPG5A**
C01: To understand the basic knowledge on auditing and accounting practise.
C02: A detailed examination and learning on vouching of assets liabilities and outstanding, further knowing about verification and evaluation process
C03: Learning on the type of Audit its various Accounting Standards and CAG System of Audit
C04: A grasp on Auditor Appointment, procedures, eligibility and qualification of Auditor
C05: To get updated on recent trends growth and impact in auditing using Computerised system EDP

**Subject Name: Elements of Cost Accounting**  \hspace{1cm}  **Subject Code: CPG5B**
CO1: Measurement and Improvement of Efficiency
CO2: Check on Accuracy of Financial Accounts
CO3: Helps in Taking Decisions
CO4: Fixation of Prices
CO5: Information for Proper Planning

Subject Name: Income Tax Theory Law and Practice - I  Subject Code: CPG5C
CO1: Helps the students to formalise on the various sections and provisions of Income Tax.
CO2: Helps them to master on the various aspects such as Salary, House property etc..
CO3: Assessing the individual status and various tax computations and exemptions.
CO4: Recognize potential opportunities for Tax.
CO5: Acquire knowledge related to tax accounting rules and regulations, analyse and resolve tax problems.

Subject Name: FINANCIAL MANAGEMENT  Subject Code: CPG5D
C01 Financial information system and exists to fulfil a very unique objectives.
C02 The ideal financial management information system is expected to provide management reporting to accurate levels.
C03 The ideal financial management information system is expected to support policy decisions,
C04 The financial management information system should facilitate the preparation of financial statements.
C05 Financial statement are preparation for both internal use and for external statements.

Subject Name: Portfolio Management  Subject Code: CVG5A
CO1: Basic understanding on Investment patterns and avenues of Investments.
CO2: To know about the term Portfolio with its process and “How a Investor is benefitted in terms of return.
CO3: To have a indepth study on fundamental analysis, technical and the impact on company through market pricing.
CO4: Gaining technical knowledge on working model of Risk and Returns using statistical tools.
CO5: To compare and analyse gaining of wealth with returns as a management technique using derivatives.

Year: III  Semester: VI
Subject Name: Management Accounting  Subject Code: CPG6A
CO1: To understand about management accounting and its distinct traits to that of cost and financial accounting.
CO2: Analysing the financial statements with tools like comparative, commonsize statements and Trend analysis.
CO3: Inculcating various Ratio analysis like liquidity, profitability, turnover, capital structure etc..
CO4: Briefing on Cash flow statements and Marginal costing.
CO5: Helps in establishing Budgets and methods of its control.

Subject Name: Advanced Cost Accounting  Subject Code: CPG6B
CO1: Ease of Monitoring and Controlling Labour Costs
CO2: Ability to View Data in Different Ways
CO3: Helps in cost reduction
CO4: Finds out profitable and unprofitable operation
CO5: Guides in price fixation

Subject Name: Income Tax Theory Law and Practice - II  
Subject Code: CPG6C
CO1: Computation of Tax as Short Term / Long Term Capital gains.
CO2: Identify the Income from other sources.
CO3: Understanding of Clubbing of Incomes, Set off of losses and Carry forward.
CO4: Explore the allowable deductions from Gross Total Income.
CO5: Conceive the concept of assessment of individuals and Powers and Duties of Income Tax authorities.
CO6: Helps them to practice as a tax consultant.
CO7: Gain Knowledge on Tax slabs and its computations.

Subject Name: Working Capital Management  
Subject Code: CPG6D
CO1: Knows to apply the concepts of Net Present Value method in solving various financial problems.
CO2: To compute the Cost of Capital and its implications on firm.
CO3: To know about the Cash Management system of a firm.
CO4: Understanding various adventures in current asset financing.
CO5: Conceive the concepts of Receivable Management, Cash Discounts and Collection efforts etc..

Subject Name: Capital Markets  
Subject Code: CVG6A
CO2: Conceptual learning on the regulatory framework of Indian Capital Markets with an arrangement on committees SEBI regulations and provisions on Investor’s protection.
CO3: A detailed learning on Stock Exchange Operations and workings of BSE and NSE.
CO4: Understanding on Primary Market Operations and IPO process.
CO5: Learning on OTCEI, Depository Systems using DEMAT Account and the role of CDSL, NSDC.

DEPARTMENT OF B.Com. COMPUTER APPLICATION (CA)

Subject Name: Financial Accounting I  
Subject Code: CPC1A
CO1: An through understanding on bookkeeping, Principles, Concepts and Conventions on accounting
CO2: Independent preparation of Trail Balance and make the students capable of preparing Balance Sheet.
CO3: Effective handling of Journals in a way to rectify the errors using various methods and techniques.
CO4: To make the students capable of analysing the book of accounts and reconcile that with the Bank Statement.
CO5: To Make the Students thorough on Trading and Profit and loss account.

Subject Name: Business Economics  
Subject Code: CDC1A
CO1: To unearth the reach and vitality of business economics.
CO2: Exemplification of demand, supply, conceptualisation and demand augury.
CO3: To quickly understand the concept of law of diminishing marginal utility and indifference curves.
CO4: Epitomize about variable proportion, law of return to scale, BEP & economies of scale.
CO5: Envisage about market structure and price, output indomitability of various markets.

Subject Name: Advanced Financial Accounting
Subject Code: CPC2A
CO1: Various methods of Branch accounting and its preparations from the Head office ledger is understood.
CO2: Exploring basis of allocation in Departmental accounts using Selling price and Cost price method.
CO3: Effective knowledge on Hire purchase and installment systems.
CO4: To gain knowledge on Partnership Capital using Fixed and fluctuation method and also to value the goodwill of Partners under admission cum retirement and death.
CO5: The process of Dissolution of partnership and the method of disbursement of liabilities is gained.

Subject Name: Indian Economics
Subject Code: CDC2A
CO1: Visualize the economic development and economic expansion.
CO2: Portraying on poverty, population and unemployment.
CO3: Snagging erudition of agriculture and Public distribution system.
CO4: Delineate about small scale, large scale and cottage industries.
CO5: Tumble about 5 years plan in India from 1st to 12th five year plan.

Year: II
Subject Name: Corporate Accounting I
Subject Code: CPG3A
CO1: To make the students understand the basics on issue of shares and on debentures.
CO2: A clear Understanding on Preference shares and redemption on Preference Shares both conceptual and Practical application.
CO3: Final accounts gives the students a detail independence in working with amended Companies Act Norms.
CO4: To gain knowlege on issue of shares and goodwill using various methods in certaining the EPS.
CO5: An advanced mechanism in learning about alteration of Capital and to reconstruct the company internally.

Subject Name: Business Law
Subject Code: CPC3B
CO1: A thorough knowledge on nature and essentialities of valid contract.
CO2: To understand the meaning of Offer, Acceptance and Consideration.
CO3: To know details regarding the Performance of Contract, Quasi Contract, Tenders and Quotations.
CO4: To understand regarding various contracts of Sale of Goods Act.
CO5: To create confidence and eligibility to enter into various business contracts.

Year: II  Semester: IV
Subject Name: Advanced Corporate Accounting
Subject Code: CPC4A
CO1: To make the students intellectually capable of analysing Merger and acquisition.
CO2: To gain skills on holding Companies accounting practises and the benefits to be shared with minority interest.
CO3: Specialised knowledge on various types of companies under predefined Schedules under Banking and Insurance as per latest amendments with Companies Act 2013, Banking Regulation Act and Insurance Regulatory and Development Act

CO4: The process of winding up of companies based on Legal and Voluntary system in learnt and a detailed study on the method and steps in settling the Affairs.

CO5: To equip the students on Price level changes system based on Current Purchase Power Method, Current Cost Accounting Method and various other such methods

**Subject Name: Principles of Management**  
**Subject Code: CPC4B**

C01: All Management principles aims at ensuring the overall efficiency of the business.

C02: Management principles provides guidelines as to how tasks are to be completed for increased efficiency.

C03: All the knowledge imparted to the students of management are derived from management principles.

C04: Principles of management plays a keyrole in administering the business by helping in the regulation of the Human resource among each other and also by prescribing norms of relation.

C05: Most of the principles of management revolves around the behaviour of humans and aims at influencing this Behaviour.

**Subject: E – Commerce**  
**Subject Code: CPC4CA**

CO1: Helps in identifying the major electronic payments, issues and options.

CO2: Empower the students to access various e-commerce requirements of business.

CO3: Mastering on basic principles of e-governance, Supply Chain Management and securities.

CO4: To know about various avenues of online trading using B2B and B2C.

CO5: Understanding on Trade and Business using M-Commerce.

**Subject Name: FINANCIAL MANAGEMENT**  
**Subject Code: CPC5A**

C01: Financial information system and exists to fulfil a very unique objectives.

C02: The ideal financial management information system is expected to provide management reporting to accurate levels.

C03: The ideal financial management information system is expected to support policy decisions.

C04: The financial management information system should facilitate the preparation of financial statements.

C05: Financial statement are preparation for both internal use and for external statements.

**Subject Name: Practical Auditing**  
**Subject Code: CPC5B**

CO1: To understand the basic knowledge on auditing and accounting practise.

CO2: A detailed examination and learning on vouching of assets liabilities and outstanding, further knowing about verification and evaluation process.

CO3: Learning on the type of Audit its various Accounting Standards and CAG System of Audit.

CO4: A grasp on Auditor Appointment, procedures, eligibility and qualification of Auditor.

CO5: To get updated on recent trends growth and impact in auditing using Computerised system EDP.
Subject Name: Elements of Cost Accounting  
Subject Code: CPG5B
CO1: Measurement and Improvement of Efficiency in cost system
CO2: Check on Accuracy of Financial Accounts in comparison with cost accounts
CO3: Helps in Taking Decisions making process easier
CO4: Fixation of Prices for the product and controlling cost
CO5: Information for Proper Planning and setting the standard.

Subject Name: Income Tax Theory Law and Practice - I  
Subject Code: CVC5A
CO1: Helps the students to formalise on the various sections and provisions of Income Tax.
CO2: Helps them to master on the various aspects such as Salary, House property etc..
CO3: Assessing the individual status and various tax computations and exemptions.
CO4: Recognize potential opportunities for Tax.
CO5: Acquire knowledge related to tax accounting rules and regulations, analyse and resolve tax problems.

Year: III  Semester: V

Subject Name: Financial Services  
Subject Code: CPC6A
CO1: Understanding of various aspects of Financial Services, its growth, players and stating the Macro aggregates in India.
CO2: Inculcates the ideas of Merchant Banking’s code of conduct and mechanics of Public Issue Management.
CO3: Encouraging them to involve them in Stock Market Operations, Mutual Funds etc..
CO4: Gain knowledge about SEBI regulations and its operations.
CO5: Knowledge regarding the emergence of Venture Capital in India.
CO6: Ideas regarding the workings of CRISIL, CARE,ICRA and its influence on business.

Subject Name: HUMAN RESOURCE MANAGEMENT  
Subject Code: CPC6B
CO1: To examine current issues, trends, practices and process in human resource management
CO2: To develop implement and evaluate employee orientation training and development programs
CO3: To know research and analyse information needs and also to apply current technologies

Subject Name: Income Tax Theory Law and Practice - II  
Subject Code: CVC6A
CO1: Computation of Tax as Short Term / Long Term Capital gains.
CO2: Identify the Income from other sources.
CO3: Understanding of Clubbing of Incomes, Set off of losses and Carry forward.
CO4: Explore the allowable deductions from Gross Total Income.
CO5: Conceive the concept of assessment of individuals and Powers and Duties of Income Tax authorities.
CO6: Helps them to practice as a tax consultant.
CO7: Gain Knowledge on Tax slabs and its computations.
CORE – FINANCIAL ACCOUNTING

1. Students will come to know about maintenance of Accounting Records as it is the basis of accounting work.
2. They will come to know about the systematic maintenance of Accounting Records.
3. To ascertain and reveal the net results of the operations of the business.
4. He will come to know about the need and importance of the different accounting standards.

CORE – BUSINESS COMMUNICATION

1. Make students to know the importance of communication skills in the business world.
2. Professional way of drafting letters, reports, minutes, office memos are made known to the students.
3. They understand the effect of following the seven “C” in a effective communication.
4. Their level of thinking is enhanced with regard to the significance of formal communication and a better understanding about the informal communication too.
5. Institutional correspondence like banks and insurance companies are well understood by the students thereby they learn easily to draft such communication of those institutions.

ALLIED -BUSINESS ECONOMICS

1. To study Business Economics
2. To study the nature and scope of Business Economics;
3. To study the importance of importance of business economics in practical market;
4. To understand how firm gets maximum profit;
5. To achieving leadership in business using the economic theory implications like pricing policy, cost, Revenue, BEA etc;
6. For achieving financial soundness and liquidity;
7. For avoiding risks;
8. For maintaining customers Good will.
9.

NME – BASICS OF RETAIL MARKETING

1. Motivates the students to become a retailer`
2. It helps to identify the optimum location to establish a retail store.
3. It helps the students to understand the process of finished products reaching the end user.
4. Students will acquire a broad knowledge about online marketing, branding, etc.
5. Students shall gain knowledge about the retail environment which may help them to move into retail business in future

SEMESTER – II

CORE – PRINCIPLES OF MANAGEMENT
1. Understands the good management practices.
2. Improves personalised management style.
3. Focus more on dynamics between groups.
4. Flexibility in making decisions.
5. Putting theory into application.
6. Enhance leadership qualities required for management.

CORE – THEORY OF MONEY AND BANKING
1. Demand for money is the desired holding of financial assets in the form of money. Cash or bank deposits rather than investments.
2. It helps the students to understand the monetary standard set for institutions and rules governing the supply of money in an economy.
3. It helps them to understand the purchasing power to consumer to pay for goods and services.
4. It encourages the students to know the importance of banks in the development of economic activity of a country.

ALLIED – INTERNATIONAL ECONOMICS
1. Students know the subject knowledge of international economics can make use of the skills an tools learned in a wide range of career paths, such as journalism, consultancy, government agencies and international institutions.
2. Countries have different monetary and fiscal policies, which lead to different levels of growth, inflation, employment, investment and so on and which impact international trade, international investment flows and currency values in important ways.
3. While at the same time enjoying the ability to make sense of some of the most important and complex issues of our times.
4. The syllabus discusses the objectives of the new international economic order.
5. Awareness of the mutuality of interests in the interdependent world economy countries and the principle of cooperation between countries having different social and economic systems is affirmed with fresh vigour in the centrally planned economies.

NME – BASICS OF BUSINESS INSURANCE
1. Importance of insurance is to provide protection against the risk of any financial loss.
2. It is a contract between the insurer and the insured person.
3. It helps the students to understand the different types of insurance and the need to protect from all uncertainties.
4. The syllabus creates the awareness among the students and encourages the thrift of savings.
5. To know the knowledge about the insurance sector.

SEMMESTER – III
CORE – CORPORATE ACCOUNTING
1. Students shall come to know about how shares issued by a company.
2. It helps a student know about how the corporate redeeming their preference shares.
3. In profit prior to incorporation how the profits are divided into capital profit and revenue profits.
4. Students able to learn how the share of a company valued and various methods used to value the shares.
5. Students may able to know how the company making altering their own share capital and will come to know procedures involved in the capital reduction.

CORE – BUSINESS LAW
1. The reason for studying Business Law is to know about the rights and obligations to be followed in the business.
2. There are different laws for different entities and one must be certain to learn about the Business Law that governs the kind of Business entity that they choose to start.
3. It helps the students to have a basic understanding of business and its Laws.
4. It helps them to make better decisions when they become business owners and managers.
5. It helps in Identifying and mitigating all the risks of the business.

CORE – BANKING THEORY LAW & PRACTICE
1. Helps to understand the regulatory mechanism of Indian banking system.
2. They gain knowledge about the role played commercial banks Indian economy.
3. Students learn the procedural aspects of account opening in banks.
4. The risk faced by the banking in advancing loans and the safety measures to be adopted.
5. They get insights into the various Negotiable Instruments circulated in the financial markets.

CORE – ENTREPRENEURIAL DEVELOPMENT

Upon successful completion, students will gain the following knowledge and skills:

1. Entrepreneurship skills: Entrepreneurship skills help us to recognize the economic opportunities and act upon them. This includes inner discipline, ability to take risk, being innovative, change-oriented and persistence.
2. Technical skills: Technical skills help in producing a successful business product or service. The technical skills that are to be backed up for a successful entrepreneur includes operations specific to industry, communications, design, research and development, environmental observation.

3. Management skills: Management skills are the ones that help in administering the company and helps in day-to-day management of the company. The management skills that are required are planning, decision making, motivation, marketing, finance and selling.

4. Personal maturity skills: These include self-awareness, accountability, creativity and emotional skills.

ALLIED – INDIAN ECONOMY 1
1. The main objective of the study of Indian Economy-I is to expose the learners to some of the key issues facing Indian Economy;
2. The study of the syllabus also provides opportunities for knowing what economic resources are and how these resources are being utilized in different sectors;
3. The study purpose are expected to develop analytical skills, interpret the Economic events and visualize the economic future of India;
4. The study, exposed the learners are expected to acquire skills to understand micro economic events which occur around them, and to critically evaluate and interpret the relevant information provided by the media;
5. The activities include class room discussions, collecting information documents such as Economic survey, archival materials, from Newspapers, Television and other sources. Learners should also be encouraged to real the works of scholars on various topics.

SOFT SKILLS – PERSONALITY ENRICHMENT – I
1. It helps the students about self disclosure benefits.
2. It helps the students how to manage anger, stress and feelings.
3. It provides to building one’s self esteem.
4. It helps to students how to improve study skills
5. This subject empowers the students to set realistic goals and time management

SEMESTER – IV
CORE – ADVANCED CORPORATE ACCOUNTING
1. In this subject advanced corporate accounting students must know about what are the accounting practices followed in amalgamations and absorption of companies and liquidation of companies.

2. In addition to that students know the awareness about the accounting practices followed in banking companies and insurance companies.

3. In this context students having opportunity to learn about specialised accounting format for banking and insurance companies which are entirely differ from general accounting formats.

4. Students of bank management having greater opportunity to become a banker. So the banker must have thorough knowledge about banking company accounts. In the subject advance corporate accounting ensure the students to have thorough knowledge about banking company accounts.

5. Students learn about the most common problem faced by bankers i.e; non-performing assets also.

6. The subject advanced corporate accounting giving opportunity to the students how to prepare consolidated balance sheet. This syllabus covers entire steps followed to prepare of consolidated balance sheet.

CORE – FINANCIAL SERVICES

1. Importance of financial system and its role in the economy is well understood the students.

2. The role of finance and how important it is any category of business is made known to the students.

3. The students gain insights about the financial markets and the different players in the market.

4. Regulatory mechanism like SEBI and rules and regulations governing the financial markets are understood by the students.

5. They gain knowledge about online trading transactions and various issues relating to the same.

CORE – BUSINESS TAXATION

1. To enable the students to know about the Tax system in India.

2. To enable the students to know about central excise duty levy collection methods, offences & penalties and settlement

3. To enlighten the students about the customs duty levy & collections, exemptions offences and penalties etc.

4. To enable the students to know about the CST in India, levy & collection, various offences & penalties involved in CST.

5. The students can become familiarize in VAT and its importance, service tax and its rates and also economic development.
CORE – COMPANY LAW
1. Company law governs all the activities in a business and other commercial operations.
2. With an aim to create huge wealth, all the businesses extremely rely on company law.
3. It helps to understand the standards and objectives and norms of a company.
4. It helps the students in running the company without any chaos.

ALLIED – INDIAN ECONOMY 2
1. The main objective of Indian planning is to achieve the goal of economic development and it is necessary for under developed countries because they can solve the problems of general poverty, unemployment and backwardness through it.
2. To know about the economic policy, industrial policy, taxation policy, fiscal policy, etc;
3. To know the present trends in Indian Economy;
4. To know the developmental aspects in the Indian Economy;
5. To improve conditions in the business firm through the knowledge of Indian Economy

ENVIRONMENTAL STUDIES
1. To create an awareness among people on natural resources. People come to know about conservation of resources and management following certain code of conduct;
2. To provide knowledge about richness and conservation of biodiversity;
3. To know the knowledge about environmental system, and their causes and effects and relationships;
4. The study helps causes to understand about environmental pollution and its control. It helps us to know about the causes and consequences sue to natural and man induced disaster.
5. The syllabus us to know the problem of overpopulation, health hygiene, etc;
6. The study helps us to find practical solutions to the present environmental problems.

SOFT SKILLS - PERSONALITY ENRICHMENT – II
1. Personality enrichment subject trains the minds of the students in the area of stress management, maintaining trust, resolving conflicts, applying intelligence and self esteem
2. Students shall come to know about stress and how to handle them`
3. Students are enabled to practice trust building skills and helps in maintaining of smooth relationship`
4. Students are taught about the conflict strategies which is useful for their life

SEMESTER – V
CORE – PRACTICAL AUDITING
On the successful completion of this subject a student will be able to:
1. To apply auditing knowledge to undertake auditing processes in a variety of professional settings.
2. Evaluate accounting disclosures and reports, identify gaps, manipulations or weaknesses in financial reporting and provide recommendations to a range of audit clients in relation to internal control weaknesses and financial reporting compliance;
3. Solve routine and complex auditing problems in varied business contexts using social, ethical, economic, regulatory and global perspectives;
4. Analyse audit evidence with a sceptical and questioning mind and require remedial action.
5. Justify and communicate auditing approaches, processes within the audit team and in working papers.
6. Apply the Code of Ethics for Professional Accountants in undertaking audit processes and expressing audit opinions.
7. Apply an adaptive and collaborative approach to working with colleagues and clients in professional settings.

CORE – BANKING THEORY REGULATORY MECHANISM
By the end of the semester, students should be able to:
1. Able to explain
   • Regulatory architecture in India.
   • Bank crisis and resolution
   • Aspects of the banker-customer relationship
2. Enable themselves with the core principles of banking regulation
3. Identify understand and resolve regulatory issues arising in banking
4. Obtain a thorough understanding and application of complex statutory, common law and international material
5. Critically Evaluate The Policies And Values Inherent In The Structure Of Banking Regulation

CORE – INVESTMENT MANAGEMENT
1. Demonstrate a thorough knowledge on Investment area and kinds of investors.
2. Empower themselves on handling various government and non-government financial investment avenues.
3. Enlighten themselves on basics of stock exchange in India and the regulatory developments.
4. Understand the basics of trading mechanism and investor’s rights and obligations.
5. Evaluate the stock prices based on technical analysis tools and make decisions on buy and sell stocks.

CORE – INTERNATIONAL BANKING
1. It helps to understand the banking, economic and financial issues in countries and across the global economy in financial markets.
2. To understand a framework for the exchange of scholarly research and ideas among its members.
3. To understand economic policy analysis for academic (or) business development and to improve policy making by government.

ELECTIVE – CREDIT & RISK MANAGEMENT IN BANKING
1. The subject Credit and Risk Management In Banking helps the students to understand about lending principles followed by banks.
2. This subject enables the students, what are the documents called for before granting loan to various parties.
3. It helps the student to understand about assessment, sanction and disbursement of loans by banks.
4. This subject helping to know about project finance, documentation, monitoring and follow up by banks.
5. It helps to identify the causes and remedial measures about Non Performing Assets.

VALUE EDUCATION
1. To help the students for being responsible citizens both in the personal and social life.
2. To develop universal brotherhood among students.
3. Implement their learning in their practical life.
4. Helps students to make their own decisions.
5. Develops healthy mind in them.

SEMESTER VI

CORE – MARKETING OF BANKING SERVICES
Upon successful completion, students will gain the following knowledge and skills:
1. Broad holistic understanding of the Banking industry
2. Detailed knowledge about various banking products and services
3. Master the skills and techniques for selling banking and financial products
4. Analysis of the investment needs of customers and customize their portfolios
5. How to manage customer relationships
6. Retail banking operations including hands-on experience in Finance
7. Application of SMAC (Social Media, Mobile, Analytics & Cloud) in Banking & Finance
8. Professional skills and cracking in bank interviews.

CORE – TECHNOLOGY IN BANKING
The students are the future bankers have to be thorough with technology application in banking operations.

1. Study of technology in banking enables the students to understand the world of banking and this facilitate the understanding of the various technologies involved in banking sector. It provides updates about the banking technology adopted by the banks.

2. Students can understand about the growth of technology and also explains various networking systems like VAN, WAN, VSAT used in banks to complete their tasks.

3. It provides knowledge about the technical avenues available for the customers and also explains about customer relationships management (CRM) of banking sector.

4. Students shall understand the uses, benefits and limitation of online, home and mobile banking which helps us march towards digital India.

5. Students gains knowledge about the implication and growth of communication system between the banks, data storage and retrieval method followed by the banks

**CORE – MANAGEMENT ACCOUNTING**

1. Prepares the students with skills more than that of solving the problems, whereby they understand the accounting information and the significance of the same.

2. Helps them to study the effect of financial aspects shown in the books of accounts and how management can rely on them.

3. Improves the analytical skills of the students.

4. Transforms the concrete or abstract knowledge gain over the years to practical knowledge, which helps in the application of various accounting concepts.

5. Decisions making skills are inculcated in the minds of young students.

**ELECTIVE – CUSTOMER RELATIONSHIP MANAGEMENT**

1. Able to compete rising competition, technological advancement and empowered customers.

2. Adopted to current environment to generate better understanding of the customer for product development, segmentation, appropriate targeting, campaign management.

3. Maintenance of long term profitable and mutually beneficial relationships with customers.

4. Manage troubles of CBS which has become the axis of banks’ growth and performance.

**ELECTIVE – SECURITY ANALYSIS & PORTFOLIO MANAGEMENT**

1. The investment environment to recognise investment opportunities and to identify and manage an investment portfolio.
2. The developments in capital market and investment in securities and also provides a simple way to understand the complex world of investment in securities and also provides a simple way to understand the complex world of investment.

3. The primary objectives of this course is to familiarise the student with basic concepts of securities analysis and portfolio management and its various tools and portfolio management involves deciding investment mix and policy matching.

4. Proper diversification takes place across different classes of securities.

**DEPARTMENT OF INFORMATION SYSTEM MANAGEMENT (ISM)**

**I YEAR B.Com (ISM)**

**SEMESTER-I**

**FINANCIAL ACCOUNTING– (MAT1A)**

CLO1 Identify the main financial statements and their purposes.
CLO2 Describe the main elements of financial accounting information – assets, liabilities, revenue and expenses
CLO3 Journalise transactions and understand General principles of Accounting.
CLO4 Calculation of Depreciation under various methods.
CLO5 Computation of Profits under Single Entry System and its Conversion
CLO6 Define bookkeeping and accounting and explain the general purposes and functions of accounting

**PRINCIPLES OF MANAGEMENT– (MAT1B)**

CLO1 Describe the primary functions of management and the roles of managers
CLO2 Explain the pros and cons of planning.
CLO3 The role strategy in management.
CLO4 The process and techniques of individual and group division making.
CLO5 Identify common organisational structure and their advantages and disadvantages.
CLO6 The methods and need for control within an organisation.

**BASICS RETAIL MARKETING– (MNM1B)**

CLO1 To understand the importance of marketing and communication from a retail perspective.
CLO2 To understand the different forms of marketing communications and advertising used by retailers and how the retailers interact with their customers.

CLO3 To understand the techniques and tools will be used by the retailers to attract customers.

CLO4 To understand how the retailers implement their marketing strategy.

CLO5 To understand how to use communications to build a brand.

**I YEAR B.Com (ISM)**

**SEMESTER-II**

**HUMAN RESOURCE MANAGEMENT – (MAT2B)**

CLO1 Describe trends in the labour force composition and how they impact human resource management practice.

CLO2 Summarize the activities involved in evaluating and managing employee performance.

CLO3 Assess the benefits/issues with various selection methodologies.

CLO4 Analyse employee demographics, job characteristics, compensation data, and other meaningful human resources data using appropriate statistical techniques.

CLO5 Identify the Human Resource Management challenges facing multinational corporations, including staffing, training & development, performance management, and compensation.

**BUSINESS COMMUNICATION – (MAT2A)**

CLO1 Effective business writing, and in business communication,

CLO2 Developing and delivering effective presentations,

CLO3 Effective interpersonal communication,

CLO4 Good time management skills that maximise team effectiveness.

CLO5 Create various types of business reports.

**CONSUMER RIGHTS AND CONSUMER PROTECTION – (MNM2E)**

CLO1 To know the importance of consumer protection

CLO2 To know about the legal framework for consumer protection in India

CLO3 To know the consumer rights and responsibilities in India

CLO4 To know the ways and means of consumer protection
CLO5 To know the NGO’s and consumer organisations in protecting consumer interests.

II YEAR B.Com (ISM)

SEMESTER-III

LOGISTICS AND SUPPLYCHAIN MANAGEMENT– (MAT3A)

On learning this subject, the students will have ability to
CLO1 Understand fundamental supply chain management concepts.
CLO2 Apply knowledge to evaluate and manage an effective supply chain.
CLO3 Understand the foundational role of logistics as it relates to transportation and warehousing.
CLO4 Align the management of a supply chain with corporate goals and strategies
CLO5 Analyze and improve supply chain processes.
CLO6 Understand the recent trends in logistics and supply chain management and the impact of it in the field.

MARKETING MANAGEMENT– (MAT3C)

CLO2 Identify the behaviour of consumer and Market Segmentation.
CLO3 Develop pricing strategies that take into account perceived value, competitive pressures and corporate objectives.
CLO4 Develop strategies for the efficient distribution of products and services.
CLO5 Determine strategies for developing new products and services that are consistent with evolving market needs.

II YEAR B.Com (ISM)

SEMESTER-IV

MANAGEMENT INFORMATION SYSTEMS– (MAT4A)

By learning MIS the student will
CLO1 Understand the role and importance of MIS in the modern business arena.
CLO2 Define an information system from both techniques and business perspective and distinguish between computer literacy and information system literacy.
CLO3 Learn how to utilize MIS in achieving competitive advantage through informed decision making.
CLO4 Analyze & synthesize business information & system to facilitate evaluation of strategic alternatives.
CLO5 Effectively utilize data base & Database Management Systems to organize, store & retrieve data.
CLO6 Effectively communicate strategic alternatives to facilitate decision making.
CLO7 Illustrate redesigning the organization with information system.

BUSINESS ENVIRONMENT— (MAT4C)
CLO1 Understand the concept, significance and changing dimensions of Business Environment.
CLO2 Identify the external forces that shape the business environment.
CLO3 Learn about emerging dimensions in socio-cultural environment and its relevance for a business firm.
CLO4 Gain insights on role of economic systems, economic planning, government policies, public sector and development banks, economic reforms, liberalization and its impact on business.
CLO5 Realize the importance of micro and macro environment on business decisions.

III YEAR B.Com (ISM)

SEMESTER-V
ELEMENTS OF COST ACCOUNTING— (MAT5B)

CLO1 Understand the meaning of cost, costing and cost accounting and explain the purposes of cost accounting.
CLO2 Understand the different methods of computing cost of material and how to exhibit control over material costs.
CLO3 Calculate inventory cost according to the inventory valuation techniques.
CLO4 Calculate labour costs.
CLO5 Compute overheads.
FINANCIAL MANAGEMENT – (MAT5C)

CLO1 Calculate common investment criteria and project cash flows associated with corporate project evaluation.
CLO2 Apply measures of cost of capital and financial leverage to form long-term financial policies for business.
CLO3 Judge the merits of leasing over borrowing to purchase assets.
CLO4 Describe the common factors influencing dividend policy.
CLO5 Describe applications of options in financial management.
CLO6 Relate capital investment decisions and financial policies to business valuations.

ENTREPRENEURIAL DEVELOPMENT – (MATEB)

CLO1 Explore Entrepreneurship and their classification.
CLO2 Develop ideas on various financial institutions that serve in developing Entrepreneurship.
CLO3 Classify business idea generation techniques and various available opportunities.
CLO4 Identify the role of entrepreneur in economic growth and discern distinct entrepreneurial traits.
CLO5 Understand the systematic process to select and screen a business idea.

III YEAR B.Com (ISM)

SEMESTER-VI

E-BUSINESS – (MAT6B)

On learning the subject, the students will be able to

CLO1 Discuss modern computing infrastructures from the perspective of the internet and organisations
CLO2 Discuss and explain theoretical and practical issues of conducting business over the internet and the Web
CLO3 Reflect on general principles revealed through practical exploration of specific tools, techniques and methods in e-business.
CLO4 Understand the various methods of payments and transfer of documents over the internet.
CLO5 Gain an understanding on the importance of security, privacy, and ethical issues as they relate to E-Business.
MANAGEMENT ACCOUNTING – (MAT6A)

CLO1 To understand the meaning, scope and importance of management accounting and to differentiate it from other accounting methods.

CLO2 To examine the profitability and financial position of a concern using financial statement analysis techniques

CLO3 To categorise the different types of ratios and apply it practical business environment.

CLO4 To use the ideas and practices of budgeting and marginal costing in a business decision-making context.

CLO5 To apply management accounting ideas and practices in making strategic/long-term business decisions.

PROJECT – (MAT6Q)

CLO1 Apply fundamental and disciplinary concepts and methods in ways appropriate to their principal areas of study.

CLO2 Demonstrate skill and knowledge of current information and technological tools and techniques specific to the professional field of study.

CLO3 Capacity to design and perform research on the different aspects of the emergencies into the potential and limitations of study, its role in society and people’s responsibility for how it is used.

CLO4 Demonstrate capacity to improve student achievement, engagement and retention.

CLO5 Analyse data and synthesize research findings

DEPARTMENT OF MARKETING MANAGEMENT (MM)

SEMESTER – I

CORE – FINANCIAL ACCOUNTING
1. Students will come to know about maintenance of Accounting Records as it is the basis of accounting work.
2. They will come to know about the systematic maintenance of Accounting Records
3. To ascertain and reveal the net results of the operations of the business.
4. He will come to know about the need and importance of the different accounting standards.

CORE – BUSINESS ECONOMICS
1. To study Business Economics
2. To study the nature and scope of Business Economics;
3. To study the importance of importance of business economics in practical market;
4. To understand how firm gets maximum profit;
5. To achieving leadership in business using the economic theory implications like pricing policy, cost, Revenue, BEA etc;
6. For achieving financial soundness and liquidity;
7. For avoiding risks;
8. For maintaining customers Good will.

**NME – BASICS OF RETAIL MARKETING**
1. Motivates the students to become a retailer;
2. It helps to identify the optimum location to establish a retail store.
3. It helps the students to understand the process of finished products reaching the end user.
4. Students will acquire a broad knowledge about online marketing, branding, etc.
5. Students shall gain knowledge about the retail environment which may help them to move into retail business in future.

**SEMESTER – II**

**CORE – BUSINESS COMMUNICATION**
1. Make students to know the importance of communication skills in the business world.
2. Professional way of drafting letters, reports, minutes, office memos are made known to the students.
3. They understand the effect of following the seven “C” in a effective communication.
4. Their level of thinking is enhanced with regard to the significance of formal communication and a better understanding about the informal communication too.
5. Institutional correspondence like banks and insurance companies are well understood by the students thereby they learn easily to draft such communication of those institutions.

**CORE – INTERNATIONAL ECONOMICS**
1. Students know the subject knowledge of international economics can make use of the skills an tools learned in a wide range of career paths, such as journalism, consultancy, government agencies and international institutions.
2. Countries have different monetary and fiscal policies, which lead to different levels of growth, inflation, employment, investment and so on and which impact international trade, international investment flows and currency values in important ways.
3. While at the same time enjoying the ability to make sense of some of the most important and complex issues of our times.
4. The syllabus discusses the objectives of the new international economic order.
5. Awareness of the mutuality of interests in the interdependent world economy countries and the principle of cooperation between countries having different social and economic systems is affirmed with fresh vigour in the centrally planned economies.

**NME – BASICS OF BUSINESS INSURANCE**
Importance of insurance is to provide protection against the risk of any financial loss.
1. It is a contract between the insurer and the insured person.
2. It helps the students to understand the different types of insurance and the need to protect from all uncertainties.
3. The syllabus creates the awareness among the students and encourages the thrift of savings.
4. To know the knowledge about the insurance sector.

**SEMESTER – III**

**CORE – CORPORATE ACCOUNTING**
1. Students shall come to know about how shares issued by a company.
2. It helps a student know about how the corporate redeeming their preference shares.
3. In profit prior to incorporation how the profits are divided into capital profit and revenue profits.
4. Students able to learn how the share of a company valued and various methods used to value the shares
5. Students may able to know how the company making altering their own share capital and will come to know procedures involved in the capital reduction.

**CORE – BUSINESS LAW**

1. The reason for studying Business Law is to know about the rights and obligations to be followed in the business.
2. There are different laws for different entities and one must be certain to learn about the Business Law that governs the kind of Business entity that they choose to start.
3. It helps the students to have a basic understanding of business and its Laws.
4. It helps them to make better decisions when they become business owners and managers.
5. It helps in identifying and mitigating all the risks of the business.

**CORE – PRINCIPLES OF MARKETING**

1. To introduce the marketing concept and how we identify, understand and satisfy the needs of customers and markets.
2. To analyse companies and competitors and to introduce marketing strategy to increase awareness of the strategic and tactical decisions behind today’s top performing brands.
3. Identify and explain the main factors involved in understanding the marketplace.
4. Access, analyse, evaluate and synthesise information appropriate for marketing activities.
5. Work collaboratively to challenge and develop ideas, and to communicate outcomes in both oral and written contexts.

**CORE – ENTREPRENEURIAL DEVELOPMENT**

Upon successful completion, students will gain the following knowledge and skills:

1. Entrepreneurship skills: Entrepreneurship skills help us to recognize the economic opportunities and act upon them. This includes inner discipline, ability to take risk, being innovative, change-oriented and persistence.
2. Technical skills: Technical skills help in producing a successful business product or service. The technical skills that are to be backed up for a successful entrepreneur includes operations specific to industry, communications, design, research and development, environmental observation.
3. Management skills: Management skills are the ones that help in administering the company and helps in day-to-day management of the company. The management skills that are required are planning, decision making, motivation, marketing, finance and selling.
4. Personal maturity skills: These include self-awareness, accountability, creativity and emotional skills.

**ALLIED – INDIAN ECONOMY 1**

1. The main objective of the study of Indian Economy-I is to expose the learners to some of the key issues facing Indian Economy;
2. The study of the syllabus also provides opportunities for knowing what economic resources are and how these resources are being utilized in different sectors;
3. The study purpose are expected to develop analytical skills, interpret the Economic events and visualize the economic future of India;
4. The study, exposed the learners are expected to acquire skills to understand microeconomic events which occur around them, and to critically evaluate and interpret the relevant information provided by the media;
5. The activities include class room discussions, collecting information documents such as Economic survey, archival materials, from Newspapers, Television and other sources. Learners should also be encouraged to read the works of scholars on various topics

**SOFT SKILLS - PERSONALITY ENRICHMENT - I**

1. It helps the students about self-disclosure benefits.
2. It helps the students how to manage anger, stress and feelings.
3. It provides to building one’s self-esteem.
4. It helps to students how to improve study skills
5. This subject empowers the students to set realistic goals and time management

**SEMESTER – IV**

**CORE – PRICIPLES OF MANAGEMENT**
1. Understands the good management practices.
2. Improves personalised management style.
3. Focus more on dynamics between groups.
4. Flexibility in making decisions.
5. Putting theory into application.
6. Enhance leadership qualities required for management.

**CORE – FINANCIAL SERVICES**
1. Importance of financial system and its role in the economy is well understood the students.
2. The role of finance and how important it is any category of business is made known to the students.
3. The students gain insights about the financial markets and the different players in the market.
4. Regulatory mechanism like SEBI and rules and regulations governing the financial markets are understood by the students.
5. They gain knowledge about online trading transactions and various issues relating to the same.

**CORE –PRODUCT MANAGEMENT**
1. Understand the basic principles of marketing
2. Learn How to develop and implement an effective marketing plan
3. Understand the importance of strategic planning, measurement and control
4. It helps to understand the stronger collaboration between Product Management, Sales and Marketing to meet short term revenue quotas
5. Learn the objectives of promotion and how to choose the appropriate promotional mix considering sales force size, structure, and costs.

**CORE – COMPANY LAW**
1. Company law governs all the activities in a business and other commercial operations.
2. With an aim to create huge wealth, all the businesses extremely rely on company law.
3. It helps to understand the standards and objectives and norms of a company.
4. It helps the students in running the company without any chaos.

**ALLIED – INDIAN ECONOMY 2**
1. The main objective of Indian planning is to achieve the goal of economic development and it is necessary for under developed countries because they can solve the problems of general poverty, unemployment and backwardness through it.
2. To know about the economic policy, industrial policy, taxation policy, fiscal policy, etc;
3. To know the present trends in Indian Economy:
4. To know the developmental aspects in the Indian Economy;
5. To improve conditions in the business firm through the knowledge of Indian Economy

**ENVIRONMENTAL STUDIES**
1. To create an awareness among people on natural resources. People come to know about conservation of resources and management following certain code of conduct;
2. To provide knowledge about richness and conservation of biodiversity;
3. To know the knowledge about environmental system, and their causes and effects and relationships;
4. The study helps causes to understand about environmental pollution and its control. It helps us to know about the causes and consequences sue to natural and man induced disaster.
5. The syllabus us to know the problem of overpopulation, health hygine, etc;
The study helps us to find practical solutions to the present environmental problems.

SOFT SKILLS - PERSONALITY ENRICHMENT – II
1. Personality enrichment subject trains the minds of the students in the area of stress management, maintaining trust, resolving conflicts, applying intelligence and self esteem
2. Students shall come to know about stress and how to handle them’
3. Students are enabled to practice trust building skills and helps in maintaining of smooth relationship
4. Students are taught about the conflict strategies which is useful for their life

SEMESTER – V
CORE – PRACTICAL AUDITING
On the successful completion of this subject a student will be able to:
1. To apply auditing knowledge to undertake auditing processes in a variety of professional settings.
2. Evaluate accounting disclosures and reports, identify gaps, manipulations or weaknesses in financial reporting and provide recommendations to a range of audit clients in relation to internal control weaknesses and financial reporting compliance;
3. Solve routine and complex auditing problems in varied business contexts using social, ethical, economic, regulatory and global perspectives;
4. Analyse audit evidence with a sceptical and questioning mind and require remedial action.
5. Justify and communicate auditing approaches, processes within the audit team and in working papers.
6. Apply the Code of Ethics for Professional Accountants in undertaking audit processes and expressing audit opinions.

Apply an adaptive and collaborative approach to working with colleagues and clients in professional settings.

CORE – COST ACCOUNTING
1. Helps the students to understand the art of recording, classifying, summarizing, and analyzing costs to help management make prudent business decisions.
2. Express the place and role of cost accounting in the modern economic environment.
3. Select the costs according to their impact on business.
4. Differentiate methods of schedule costs per unit of production
5. Differentiate methods of calculating stock consumption.
6. Helps understanding the three basic purposes of cost accounting namely - Cost control, Cost computation, Cost reduction
7. Identify the specifics of different costing methods.

CORE – INTERNATIONAL MARKETING
1. Will understand the concepts of international marketing to understand the environment,
2. Undertake strategic business analysis in order to develop appropriate international marketing objectives and strategies;
3. Identify, analyse, and evaluate data, information, and evidence related to international business opportunities and threats relevant in the current world;
4. understand the complete market diversification
5. will get a broader exposure of export and import procedure and documentation process and incoterms.

CORE – MARKETING RESEARCH
1. understand the process of marketing research and its different processes
2. identify sources of information
3. understand different research methods
4. apply selected research methods
5. analyse and interpret both qualitative and quantitative data
6. conduct and analyse a focus group discussion.  

**ELECTIVE – ADVERTISING MANAGEMENT AND SALES PROMOTION**  
1. helps to understand the four basic elements of promotion mix - 1. Advertising 2. Personal Selling 3. Sales Promotion, and 4. Publicity  
2. helps to understand the Advertising by non-personal means.  
3. helps to understand the Personal selling like face-to-face, contacts between audience and employees of the sponsoring organization.  
4. How Sales promotion is done by other than personal selling, advertising and publicity which stimulate consumer purchasing and dealer effectiveness.  
5. To know more about how Publicity is the disseminating of information by personal or non-personal means and is not directly paid by the organization.  

**VALUE EDUCATION**  
1. To help the students for being responsible citizens both in the personal and social life.  
2. To develop universal brotherhood among students.  
3. Implement their learning in their practical life.  
4. Helps students to make their own decisions.  
5. Develops healthy mind in them.  

**SEMESTER VI**  

**CORE – MANAGEMENT ACCOUNTING**  
1. Prepares the students with skills more than that of solving the problems, whereby they understand the accounting information and the significance of the same.  
2. Helps them to study the effect of financial aspects shown in the books of accounts and how management can rely on them.  
3. Improves the analytical skills of the students.  
4. Transforms the concrete or abstract knowledge gain over the years to practical knowledge, which helps in the application of various accounting concepts.  
5. Decisions making skills are inculcated in the minds of young students.  

**CORE – RETAIL MARKETING**  
1. Understanding the two different concepts of Retail and marketing whereas retail is selling in small desired quantity to the people, and marketing includes set of functions like transportation banking, insurance, warehousing and promotion.  
2. Link and Communication between Manufacturer Marketing and Consumer  
3. Service to Manufactures and Middlemen  
4. Apply a strategic approach to retailing issues and decisions.  
5. Exhibit an in-depth awareness of national and international benchmarking and best practices in retailing.  
6. understand what marketing means to business executives and academics  
7. understand the ways that retailers use marketing tools and techniques to interact with their customers.  

**CORE – SERVICES MARKETING**  
By completing this course, students will able to understand:  
1. Appreciate the challenges facing the services marketing in traditional commercial marketing, e-marketing and non commercial environments;  
2. Appreciate the difference between marketing physical products and intangible services, including dealing with the extended services marketing mix, and the four unique traits of services marketing;  
3. Recognise the challenges faced in services delivery as outlined in the services gap model;  
4. Developing the professionalism among students in service sector industry.  

**ELECTIVE – LOGISTICS AND SUPPLY CHAIN MANAGEMENT**
Logistics management and supply chain management that plans, implements, and controls the efficient, effective forward and reverses flow and storage of goods, services and related information between the point of origin and the point of consumption.

1. Evaluate complex qualitative and quantitative data to support strategic and operational decisions.
2. Develop comprehensive strategic and tactical plans for an organization.
3. Work independently and collaboratively in inter- and/or multi-disciplinary and diverse environments.
4. Use creative, critical and reflective thinking to address organizational opportunities and challenges.
5. Apply problem solving and decision making frameworks that propose defensible solutions to
6. organizational opportunities, challenges, change and risk.

ELECTIVE – PROJECT WORK
1. Helps students to explore their potential in real working environment
2. During their one month internship they were getting the through knowledge of data collection, data analysing, decision making etc.

DEPARTMENT OF BUSINESS ADMINISTRATION

Semester I

Financial Accounting Sub Code:MAM1C
- Recording financial data of a business in a systematic manner
- Learn to classify financial information from the books of records
- Prepare financial statements
- Seggregate financial transactions
- Interpretation of Financial Data
- Helps to ascertain the results of its operations and status of the business

Principles of Management Sub Code:MAM1D
- Getting to know about the work environment
- Understand the role and responsibilities of managers
- Imparting Decision making skill
- Effective planning and coordination of team work
- Effective and efficient utilisation of resources with using proper control system

Managerial Economics Sub Code:MBM1A
- Demand analysis and forcasting
- Marketing strategies relating to pricing policies and practice
- Proper allocation of resource in business
- Profit management strategies
- Understanding the demand analysis and consumer behaviour
- Proper knowledge about market structure and economic policies

Semester - II Sub Code:MAM2C
Business communication
- Understand the importance of communication in business
- Proficiency in writing business letters
- Knowledge regarding business meetings
- Acquire knowledge to prepare minutes and reports
- Knowledge in various correspondence relating to business

International Trade

Sub Code: MBM2B
- Knowledge about foreign trade and practices
- Understand the international agreements in trade and the role of WTO
- Acquire the wisdom on theories of international trade
- Awareness on the recent foreign exchange system
- Explore the role of IMF and IBRD

Management Accounting
Sub Code: MAM2E
- Understand the financial statement analysis
- Knowledge on fund flow and ratios
- Acquire knowledge in the investment of business
- Learn the working capital analysis of companies
- Implement the budgetary control techniques

Semester-III

Marketing Management
Sub Code: MAM3J
- Learn marketing concepts and its environment
- Knowledge on marketing mix
- Awareness about the recent trends in marketing
- Understand the buyer behaviour and marketing strategies to copeup with changing buyer behaviour
- Explore the impact of branding and packaging

Organisational Behaviour
Sub Code: MAM3G
- Understand the organisation and its importance
- Develop the leadership skills
- Knowledge on career planning
- Enrich their personalities to have a good quality of work life
- Improve and develop strategies about organisational change and development
- Positive attitude in the work place
- Team work skills, communication and conflict management skills

Financial Management
Sub Code: MAM3E
- Ability to analyse complex scientific and address the current financial management issues of a company
o Ability to learn financial management forecast and changing environment of global economy
o Team work skills, communication and conflict management skills
o Analyse financial environment in business
o Train in modelling of financial processes

Semester-IV

**Human Resource Management** Sub Code:MAM4Z

- Manage professional development and leader traits
- Development, implementation and evaluation of employees recruitment, selection and training process
- Understand the employer and employee relation in work environment
- Explore organisational development strategies
- Knowledge on employee health and safety policies and practices

**Business Regulatory Framework** Sub Code:MAM4M

- Understand the contracts involved in business
- Explore the significance of cyber law in India
- Aware on the various intellectual property rights
- Knowledge on the company incorporation and functioning
- Develop the awareness on consumer rights and duties

**Financial Services** Sub Code:MAM4N

- Understand the role and function of Indian financial system
- Awareness on the current financial structure and regulation of the Indian financial service sector
- Strategies to promote financial product and services
- Knowledge on stock exchange markets
- Procure the functions and working of SEBI

**Management Information System** Sub Code:MAM4P

- Analyse the business information and system
- Understand the role of management information system in achieving business competitive advantage
- To develop skills and competencies in Management information system
- Explore the role of MIS in achieving goals and the success of the organisation
- Train on database management system
- Acquire knowledge on different support system

Semester-V

**Entrepreneurial Development** Sub Code:MEM5A

- Access business opportunities to be an Entrepreneur
- Develop knowledge on new products and services in markets
- Procure Entrepreneurial training
- Gain business idea generation techniques
- To be a successful Entrepreneur
Research Methodology  Sub Code:MAM5B

- Knowledge about research methods
- Familiar with research design, sampling techniques, reliability and validity in research
- Conduct statistical test of a Hypothesis
- Understand the different data collection techniques
- Framing the research report

Material Management  Sub Code:MAM5W

- Acquaint with the principles and practices of materials management
- Make Decision to the basic material management elements
- Understand sound purchasing decision
- Frame strategic objectives, to organise material purchasing activities in the company
- Learn the appropriate inventory control models

Operations Management  Sub Code:MAM5C

- Understand the responsibilities of operations managers
- Learn the input transformation processes and outputs of an organisation
- Acquire the principles to determine appropriate facility location and layout
- Analyse the role of operations and its relationship with other functional areas of business organisation
- Apply quality management principles to continues improvement in organisation

Advertising and sales Promotion  Sub Code:MAM5A

- Understand the influence of Advertising and sales Promotion in the market
- Learn how the advertising is used as a strategic tool to achieve marketing objectives
- Explore the effectiveness of advertising strategies for business success
- Evaluate sales promotion packages
- Practical exposure to analyse advertising campaign

Semester-VI

Business Taxation  Sub Code:MAM6K

- Understand the law and application of types of business taxes
- Knowledge on Direct and Indirect taxes in india
- Updated knowledge on Goods and service taxes
- Aware of the corporate tax laws of India
- Being responsible Tax payer

Services Marketing  Sub Code:MAM6Y

- Understand the challenges, opportunities and strategies of different service sectors
- Learn the distinctine charcteristics of services
- Develop alternative marketing approches used by service managers
- Knowledge on service marketing theories
- Exposure to different marketing mix adopted by service sector in India

Business Environment  Sub Code:MAM6X

- Understand the significance and changing dimentions of business environment
- Learn the types of business environment and the impact of changing laws on a business firm
o Acquire knowledge on impact of various environment factors on business
o Gain insight on economic system, political policies and financial system
o Understand the dimensions in socio cultural environment and impacts on business

**Customer Relationship Management**  
**Sub Code:** MEM6A

o Understand the importance of Customer Relationship Management
o Access the strategic and operational CRM decisions
o Develop set of processes and technologies for managing the relationship with potential customers
o Strategies for Attract and retaining the customers
o Conceptual understanding and knowledge of practical skills necessary for building and managing partnering relationship with customers