Madurai Sivakasi Nadars Pioneer Meenakshi Women's College
(Accredited with 'B' Grade by NAAC)
Affiliated to Alagappa University, Karaikudi
Poovanthi

Programme Outcome
Programme Specific Outcome
Course Outcome

Outcome Based Education

Education for life is the upshot of every higher educational institution. The institution, being the pioneer in women education, deploys curricula which address the needs of the society and are in line with, and reflect the institutions objectives to empower women through quality education.

Being affiliated to Alagappa University, Karaikudi, the institution receives procedural supports like curriculum, blueprint, exam pattern and ranking system from the university.

Learning is made more students – centric by preparing an institutionalised programme outcome, programme specific outcomes and course outcomes. The university curriculum is delivered based on it.

Apart from the conventional courses of the parent university, the institution provides add-on certificate courses to enhance the competencies of the students. Also the institution encourages the students to pursue online courses offered through Swayam Portal.

Programme Outcomes (PO)
Under Graduate (UG)

KNOWLEDGE

PO 1: Well stranded acquaintance in chosen subjects.
PO 2: Updated knowledge related to the subjects.

SKILLS

PO 1: Attainment of cognitive skills.
PO 2: Attainment of Life Skills for Employment.

ATTITUDE

PO 1: Holistic Personality Development through self-sufficient and lifelong learning.
PO 2: Eco Sensitivity, inclusive culture, moral uprightness and social commitment.

Post Graduate (PG)

KNOWLEDGE

PO 1: Acquirement of higher knowledge for higher studies and research.
PO 2: Unification of knowledge and critical thinking.

SKILLS

PO 1: Academic skills and life skills for contribution to nation building.
PO 2: Attainment of specialized skills for entrepreneurship/employability.

ATTITUDE

PO 1: Realization of professional ethics and human values.
PO 2: National Integration and Social Commitment to Society.

DEPARTMENT OF TAMIL

UG PROGRAMME - B.A.,TAMIL

Programme specific outcomes

- தமிழ் மொழியின் இலக்கிய இலக்கண வரம்புகளை உணர்த்தி, தமிழ்மொழியை இனிமையாக உச்சரிக்கவும், பிழையின்றி எழுதவும் கற்றுத்தருதல்.
- ஆசிரியப்பணி, பத்திரிக்கைப்பணி, தொல்பொருள், அலுவலகப்பணிக் களங்களுக்கு ஆயத்தப் படுத்துதல்.

COURSE OUTCOME

Sl No	Part	Subject Name	Course Outcome
I SEMESTER			
1.	I – Tamil	தற்காலக் கவிதையும் உரைநடையும்	• கவிதைக் களங்களின் அழகியலை உணர்த்தி தமிழ் மொழியின் முக்கியத்துவத்தை அறியச் செய்தல்.
2.	II - English	English For Enrichment – I	• **Strengthen the students' basic reading of prose and poetry.** • **Improve verbal communication skills.**
3.	III – Core I	இக்கால இலக்கியம்	• இக்கால இலக்கிய வகைகளை அறிமுகப்படுத்தி, உத்தி, வடிவம், மொழி நடை, படைப்பாளியின் தனித்தன்மை ஆகியவற்றை விளக்கி இலக்கியத்தின் ஆழத்தையும் நுணுக்கத்தையும் அறியச் செய்தல். • இக்கால இலக்கிய வகைகளை அறிமுகப்படுத்தி, உத்திகளை உணர்த்தி படைப்பாற்றலை வளர்த்தல்.
4.	III – Core II	இலக்கணம் - நன்னூல் - எழுத்து	• ஆசிரியர், மாணவர்களின் இலக்கணங்களையும், எழுத்துகளின் வகைகளையும், புணர்ச்சி நிலைகளையும் அறியச் செய்தல்.
5.	III – Allied I	Modern Governments -I	• **Enable the student to understand the constitution, Parliament, Legislature and Judiciary.**
6.	IV – Non Major Elective 1	Communicative English	• **To enable each learner at the college level to communicate effectively in English both in the spoken and in the written mode.**
II SEMESTER			
7.	I – Tamil	இடைக்கால இலக்கியமும் சிறுகதையும்	• பக்தி நெறிகளின் மேம்பாட்டினை உணர்த்தி, திருத்தலங்களை அறியச் செய்தல்.

8.	II - English	English For Enrichment – II	• **Get acquainted with simple Prose and Poetry.** • **Have an appreciable understanding of English Grammar.**
9.	III – Core III	பக்தி இலக்கியம்	• பக்தியின் மேம்பாட்டினையும், அடியவர்களின் பக்திநெறியையும், திருத்தலங்களின் மகிமையையும், அனைத்து சமய பக்தி மார்க்கத்தையும் உணர்த்துதல். • பக்தி இலக்கியம் தோன்றிய சூழலையும், அதனை வளர்த்த அடியவர்களையும், பக்தி நெறிகளையும் உணரச் செய்தல்.
10.	III – Core IV	இலக்கணம் - நன்னூல் - சொல்	• பிழையற்ற மொழிநடையைக் கையாளச் செய்தல். முறையான வகைப்பாட்டினையும் உணர்த்தி, சொல்லின் வகைகளையும், செயல்பாட்டையும் பிழையற்ற தொடர் உருவாக்கத்தையும் கற்கச் செய்தல்.
11.	III – Core V	தமிழக வரலாறும் பண்பாடும்	• தமிழகத்தை ஆண்ட மன்னர்களின் வாழ்வியல் செய்திகளையும், தமிழகத்தில் நடைபெற்ற போர் நிகழ்வுகளையும் அறியச் செய்தல். தமிழகத்தின் பெருமைகளை உணரச் செய்தல்.
12.	III – Allied II	Modern Governments -II	• **Enabling the student to understand constitution of India, England, U.S.A, Switzerland and France.**
13.	IV - Environmental Studies	Environmental Studies	• **Understand the breadth and interdisciplinary nature of environmental issues.** • **Formulate an action plan for sustainable alternatives that integrate science, humanist, and social perspectives.**
III SEMESTER			
14.	I – Tamil	காப்பியமும் புதினமும்	• புராண, தொன்மையான தொடர் நிலைச் செய்யுள்களின் வழி, வாழ்வியல் சிக்கல்களுக்குத் தீர்வு காட்டுதல்.
15.	II - English	English For Enrichment - III	• **Get acquainted with short stories in English and to make them enjoy and appreciate the pieces.** • **Understand the salient features of One – Act Plays.** • **Acquire proficiency in LSRW skills and communicate effectively.**
16.	III – Core VI	சிற்றிலக்கியம்	• சிற்றிலக்கிய வகைகளையும், கிராமிய மக்களையும், தெய்வங்கள் குறித்த வாய்மொழிக்கதைகளையும் அறியச் செய்தல். • சிற்றிலக்கியத் தன்மையை அறியச் செய்தல்.

17.	III – Core VII	நம்பியகப்பொருள்	• பண்டைத் தமிழர்களின் அக வாழ்வியற் கூறுகளையும்,திணைப் பாகுபாடுகளையும் கற்கச் செய்தல்.
18.	III – Allied III	தமிழ் இலக்கண வரலாறு	• தமிழ் இலக்கணத்தின் தோற்றத்தை உணர்த்துதல். • தொன்மையான இலக்கணங்களையும், அவை உணர்த்தும் பல்வேறு மொழிக்கொள்கைகளையும் அறியச் செய்தல்.
19.	IV – Non Major Elective II	**Effective Employability Skills**	• **To train them in preparing the Curriculum Vitae and to face the interview.**
20.	IV – Skill Based Subject I	**Competitive Examination Skills**	• **To build a sense of awareness among students through proper guidance about various competitive examinations in order to motivate students for prospective career in government and corporate sector.** • **To intensively guide students for competitive examinations like TNPSC, UPSC, SSC, RRB, IBPS etc.**
21.	V	**Extension Activities**	• **Knowing the locational advantages and disadvantages.** • **Developing the social responsibility among the students.**
IV SEMESTER			
22.	I – Tamil	பண்டை இலக்கியமும் நாடகமும்	• சுங்க காலத் தமிழரின் பண்பாடு, கலாச்சாரங்களை அறியச் செய்தல்.
23.	II – English	**English For Enrichment - IV**	• **Apprehend a concise view of Shakespeare's plays.** • **Make the students' enhance their knowledge in grammar and its usages.**
24.	III – Core VIII	காப்பிய இலக்கியம்	• காப்பியங்களின் வகைகளையும், இலக்கணங்க -ளையும், பண்பாட்டுக் களங்களையும் அறியச் செய்தல். • காப்பியங்களின் வகைகளையும், காப்பிய இலக்கணங்கள் பொருந்தும் தன்மையை விளக்கியும், படைப்பாளர்களின் படைப்பு நுணுக்கங்களையும்,சமூகப் பண்பாட்டுக் களங்களையும் அறியச் செய்தல்.
25.	III – Core IX	இலக்கணம் - புறப்பொருள்	• பண்டைத் தமிழர்களின் வீரம், போர் முறைகள், மன்னர்களின் புகழ், கொடை, பெண்களின் மறப்பண்பு ஆகியவற்றை அறியச் செய்தல்.
26.	III – Allied IV	ஆளுமைத்திறன்	• சுயமுன்னேற்றச் சிந்தனைகளை ஏற்படுத்துதல் • தன்மேம்பாட்டுத் திறனை வளர்த்தல்.
27.	IV – Skill Based Subject II	**Youth Red Cross**	• **To make the students to know about the birth, organizational set up, principles, emblem and activities of**

			Red Cross society and to develop leadership traits.
28.	IV – Yoga	Manavalakalai Yoga	• To train and develop the physical body for leading a healthy life. • To rejuvenate the life energy, to retard the ageing process and to achieve spiritual development. • To offer meditation practices and introspection so as to strengthen the mind, increase its will power, concentration, creativity and receptivity and ultimately to transform the mind to achieve self realization. • To help every individual to realize the enduring values of peace, non-violence and harmony to revitalize human society for restoring its sanity and strength.
		V SEMESTER	
29.	III – Core X	அற இலக்கியம்	• நீதி இலக்கியங்களின் தோற்றம், வகை, பண்டைத் தமிழர்களின் அற உணர்வுகள், இன்றைய உலகில் அற இலக்கியங்களின் இன்றியமையாமையை உணரச் செய்தல். • அறநூல்களின் வகைகளையும்,கருத்து ஒருமைப்பாட்டையும், காலந்தோறும் பொருந்தும் நீதிமார்க்கத்தையும் உணர்த்துதல்.
30.	III – Core XI	இலக்கணம் - யாப்பு - யாப்பருங்கலக் காரிகை	• பாக்களின் வகைகளையும், பாக்கள் இயற்றும் முறையையும் மரபுச் செய்யுள்களின் யாப்பு நயத்தையும் அறியச் செய்தல்.
31.	III – Core XII	தமிழ் இலக்கிய வரலாறு	• தமிழில் செம்மொழிக்கான கூறுகளையும், தமிழ்மொழியின் வகைகளையும் பாடல்களின் அமைப்பையும் பாடல் ஆசிரியர்களின் அறிவாற்றலையும் அறிமுகப்படுத்ததுதல்.
32.	III – Elective I	மனித உரிமைகள்	• மனித உரிமைகள், கடமைகள் குறித்தும், சட்ட நுணுக்கங்கள் குறித்தும், மனித உரிமை மீறல்களைத் தடுக்கும் முறைகளையும் அறியச் செய்தல்.
33.	III – Elective II	கவின் கலைகள்	• கலைகளின் வகைகளையும், நுணுக்கங்களையும், பாரம்பரியத்தையும் அறிந்து கொள்ளல். • கோயில்களின் தோற்றம் வளர்ச்சியையும், மன்னர்கள் ஆற்றியத் திருத்தொண்டினையும், தெய்வச் சிலைகளின் அமைப்பிற்கான காரணங்களையும் விளக்கி கோபுரங்களின் இலக்கணங்களையும், திருவிழாக்களையும் அறியச் செய்தல்.

34.	IV – Skill Based Subject III	Heritage and Tourism	- To understand the definitions, terminology and concepts of cultural heritage and its relationships with tourism. - To Understand heritage tourism supply by examining different categories of heritage attractions and the contexts within which heritage exists and additional perspectives on scale from the supply perspective.. - To understand the role of interpretation in cultural heritage sites and the relevance of such interpretation approaches to visitors. - Provide a framework to plan, design, and assess interpretation programs for tourists.
35.	IV – Skill Based Subject IV	Marketing And Sales Management	- To acquire analytical skills for solving marketing related problems and challenges and to familiar with the strategic marketing management process. - To learn the elements of sales force to be an effective component of an organization's overall marketing strategy.
		VI SEMESTER	
36.	III – Core XIII	சங்க இலக்கியம்	சங்க இலக்கியப் பாகுபாடு, மக்களின் வாழ்வியல் நிலைகள், இயற்கையோடு இணைந்த வாழ்க்கை ஆகியவற்றை விளக்கி அகப்பொருள் கூறுகளைப் புலப்படுத்தி மரபு செய்யுட்களை வாசித்து பொருளறியச் செய்தல்.
37.	III – Core XIV	அணி இலக்கணம்	செய்யுள்களின் வகைகளையும், அணியநயத்தையும், அணிவகைகளையும் அறியச் செய்து மரபுச் செய்யுள்களை அணுக வழிவகுத்தல்.
38.	III – Core XV	இலக்கியத் திறனாய்வு	திறனாய்வு வகைகளையும், கொள்கைகளையும் விளக்கி தமிழரின் தற்காலத் திறனாய்வுப் போக்குகளையும், திறனாய்வு வகைகளையும் அறிந்து கொள்ளல்.
39.	III – Elective III	சுற்றுலாவியல்	சுற்றுலா மையங்களையும், சுற்றுலா வழிகாட்டிகள் குறித்தும், சுற்றுலாப் பொருளாதாரம் குறித்தும் அறியச் செய்தல்.
40.	IV – Skill Based Subject V	Fruit And Vegetable Preservation Skills	- To understand the science, principles and techniques involved in fruits and vegetables preservation techniques. - To impart thorough knowledge on the

			technical skills in various aspects of food processing and preservation.
41.	IV – Skill Based Subject VI	Equipment Handling Skills for Events	• **To impart the characteristics of various types of electrical and electronic equipments used in events.** • **To learn about the working, handling and troubleshooting skills on various electrical and electronic gadgets.**

PG PROGRAMME - M.A.,TAMIL

Programme specific outcomes

* தமிழ் மொழியின் பரந்த எல்லையை, ஆழத்தை அறியச் செய்தல்.
* ஆசிரியப்பணி பத்திரிக்கைப்பணி தொல்பொருள் அலுவலகப் பணிகளில் சேர வழிநடத்துதல்.
* கல்லூரி உதவிப் பேராசிரியர் தகுதித் தேர்வுக்குப் பயிற்சி அளித்தல்.

COURSE OUTCOME

	Course Name	Course Outcomes
1.	இக்கால இலக்கியம்	• இக்கால இலக்கிய வடிவங்களை மாணவர்களுக்கு அறிமுகப்படுத்துதல், அவற்றின் ஊடாக உள்ளடக்கங்களை மாணவர்களுக்கு அளித்தல், இக்கால இலக்கியத்தில் தோய்வையும் பயிற்சியையும் பெற மாணவர்களைத் தூண்டுதல்.
2.	பக்தி இலக்கியம்	• தமிழிலுள்ள பக்தி இலக்கியங்கள் குறித்த பொதுவான செய்திகளை மாணவர்களுக்கு அளித்தல், பக்தி இலக்கியத்தின் வளர்ச்சியை வரலாற்றுக் கண்ணோட்டத்தோடு அணுகச் செய்தல். • பல்வேறு சமயங்களின் கொள்கைகளை மாணவர்கள் அறிந்து கொள்ள உதவுதல்.
3.	அற இலக்கியம்	• தமிழ் இலக்கியத்தில் அறஇலக்கியம் பெறுகின்ற இன்றியமையாத இடத்தை விளக்குதல். தமிழர் வாழ்வியல் அறம் அடிப்படையாக இருப்பதை உணர்த்துதல். • அறநெறிகள் பற்றிய நம்பிக்கையையும் பற்றையும் மாணவர்களுக்கு உண்டாக்குதல்.
4.	தொல்காப்பியம் - எழுத்ததிகாரம் (இளம்பூரணர் உரை)	• தொல்காப்பியத்தை முழுமையாக அறியச் செய்தல், எழுதுதல், பேசுதல், படைத்தல் ஆகிய மூன்று நிலைகளிலும் பிழை நீக்கத்திற்கு வழிவகுத்தல், எழுத்திலக்கணமரபுகளை அறிவித்தல்.
5.	கோயிற் கலை	• திருக்கோவில்களின் தோற்றம், வளர்ச்சி ஆகியவற்றை மாணவர்கள் அறிய உதவுதல். • வரலாற்று அடிப்படையில் கோவில் கட்டுமானம், திருவுருவ அமைப்பு, வழிபாடு, நம்பிக்கைகள் ஆகியவற்றை அறிவித்தல். • கோவில் கலைக்கும் பிற கலைக்கும் உள்ள தொடர்பை மாணவர்கள் அறிந்துகொள்ள உதவுதல்.
6.	காப்பிய இலக்கியம்	• காப்பியங்களின் பண்புகளை மாணவர்கள் அறிய உதவுதல். • பல்வேறு சமயம் சார்ந்த காப்பியங்களையும் மாணவர்கள் பயிலத்தூண்டுதல், காப்பியங்களின் பல்வேறு

		கூறுகளையும் அவற்றின் சுவைகளையும் மாணாக்கர் அறிந்து இன்புறச்செய்தல்.
7.	சிற்றிலக்கியம்	• சிற்றிலக்கிய வடிவங்களையும் பாடுபொருள்களையும் மாணவர்கள் அறியச் செய்தல். • குறிப்பிட்ட சில சிற்றிலக்கியங்களை மாணவர்கள் ஆழ்ந்து கற்குமாறு செய்தல். • சிற்றிலக்கியங்கள் காட்டும் அரசியல் நிலைகளை மாணவர்களுக்குவிளக்குதல்.
8.	இலக்கியக் கொள்கைகளும் திறனாய்வும்	• இலக்கியத்தைச் சுவைப்பதோடு அவற்றை ஆராயும் முறைகளையும் கற்றுக்கொடுத்தல். • இலக்கிய உருவாக்கங்களின் அடிப்படைகளையும் அவை உருவாக்கப்படும் விதத்தினையும் மாணவர்கள் அறியுமாறு செய்தல்.
9.	தொல்காப்பியம் - சொல்லதிகாரம் (சேனாவரையர் உரை)	• சொல்லிலக்கண மரபுகளையும் பல்வேறு தொடர் அமைப்புகளையும் மாணவர்கள்உணருமாறு அறிவித்தல்.
10.	கம்பர்	• கம்பனின் கவித்துவம், படைப்பாற்றல், வாழ்வியல் சிந்தனைகள் ஆகியவற்றை மாணவர்கள் அறியுமாறு செய்தல்.
11.	சங்க இலக்கியம்	• பண்டைய இலக்கியப் பெருமையையும, பாரம்பரியத்தையும் மாணக்கர் நினைவு கூறும்படி செய்தல் பண்டைய இலக்கியக் கல்வியில் ஆழங்காற்பட்ட புலமையை உருவாக்குதல்.
12.	தொல்காப்பியம் - பொருளதிகாரம் (நச்சினார்கினியர் உரை) (முதல் ஐந்து இயல்கள்)	• தொல்காப்பியரின் பொருளியல் கோட்பாடுகள் - பிற்கால அகம், புறம், அணி உள்ளிட்டவை வளர்ச்சியடைய தொல்காப்பிய பொருளதிகாரம் முன்னோடியாக விளங்கிய திறம் - இலக்கியக் கல்விக்குப் பொருளதிகாரத்தின் பங்களிப்பு ஆகியவற்றை அறியச் செய்தல்.
13.	ஆராய்ச்சி நெறிமுறைகள்	• இலக்கிய ஆய்வின் கண்ணோட்டத்தையும் அடிப்படைகளையும் மாணவர்களுக்கு அளித்தல், ஆய்வுக் கட்டுரையை உருவாக்கும் முறைகளை பயிற்றுவித்தல், தமிழ் இலக்கிய ஆய்வு பற்றிய வரலாற்றினையும், ஆய்வு அறிஞர்கள் பற்றிய செய்திகளையும் அளித்தல்.
14.	ஊடகத் தமிழ்	• தற்காலத்தில் ஊடகங்களின் தேவையை உணர்த்துதல். • ஊடகங்களின் படிநிலை வளர்ச்சிளை அறியச் செய்தல். • ஊடகம் ஒரு கிராமமாகச் சுருங்கி விட்டதைஎடுத்துக் கூறல்.
15.	பணிவாய்ப்புத் தமிழ்	• மண்சார்ந்த மக்களின் வாழ்க்கை முறைகளை பிரதிபலிக்கும் நாட்டார்கலைகள், பழமொழிகள், நாட்டுப்புறப்பாடல்கள்,போன்ற வாய்மொழி இலக்கியங்களை மாணவர்கள் அறிதற் பொருட்டு நாட்டுப்புறவியல் பாடத்திட்டத்தில் அமைக்கப்பட்டுள்ளது.
16.	தொல்காப்பியம் - பொருளதிகாரம் (பேராசிரியர் உரை) (பின் நான்கியல்கள்)	• தொல்காப்பியரின் பொருளியல் கோட்பாடுகள் - பிற்கால அகம், புறம், அணி உள்ளிட்டவை வளர்ச்சியடைய தொல்காப்பிய பொருளதிகாரம் முன்னோடியாக விளங்கிய திறம் - இலக்கியக் கல்விக்குப் பொருளதிகாரத்தின் பங்களிப்பு ஆகியவற்றை அறியச் செய்தல்.
17.	நாட்டுப்புறவியல்	• தமிழ்ச் சமூக வரலாற்று நோக்கில் இலக்கிய இலக்கணங்களை நுட்பமாக அறிதல்.
18.	ஆய்வேடு	• பாடத்திட்டத்தில் உள்ள முதன்மைப் பாடங்களோடு தொடர்புடைய ஏதாவது ஒரு தலைப்பில் அமைதல் வேண்டும்.

		• தமிழ் இலக்கியத்தில் குறிப்பிட்டப் பொருண்மையின் தரவுகளைத் திரட்டவும் முழுமையான ஆய்வேட்டினை உருவாக்கவும் கற்று தருதல்.
19.	சுற்றுலாவியலும் பயன்பாடும்	• சுற்றுலா மையங்களையும், சுற்றுலா வழிகாட்டிகள் குறித்தும், சுற்றுலாப் பொருளாதாரம் குறித்தும் விளக்கி, சுற்றுலா மூலம் பணிவாய்ப்பு பெறுதலை அறியச் செய்தல்.

M.Phil.,TAMIL

Programme specific outcomes

- தமிழ் மொழியை ஆய்வு நோக்கில் அணுகச் செய்தல்
- கல்லூரி உதவிப் பேராசிரியர் தகுதித் தேர்வுக்குப் பயிற்சி அளித்தல்

COURSE OUTCOME

Sl No	Course Name	Course Outcomes
1.	ஆராய்ச்சி நெறிமுறைகள்	• ஆய்வின் மேற்கோள் அடிக்குறிப்பு, பின்னிணைப்பு ஆகியவற்றை விளக்கி ஆய்வின் கட்டமைப்பு, உள்ளடக்கம் மொழிநடை ஆகியவற்றை அறியச் செய்தல்.
2.	ஆராய்ச்சி அணுகு முறைகள்	• ஆய்வு முறைகள் ஆய்வு அணு குமுறைகள் படிநிலைகள் ஆய்வு திட்டங்கள் நெற்முறைகளை அறியச் செய்தல்.
3.	திறனறிதாள்	• தமிழ் இலக்கிய வரலாற்றினையும் வகைப்பாடுகளையும் விளக்கி, அரசுப்பணிக்குரிய தேர்வு களங்களை அறியச் செய்தல்.
4.	தமிழ் உரைமரபுகள்	• திறனாய்வு வகைகளையும், கொள்கைகளையும் விளக்கி தற்கால திறனாய்வுப் போக்குகளை அறியச் செய்தல். • உரையாசிரியர்கள் பற்றியும் அவர்களது உரைகள் மூலம் ஆய்வுக் களங்கள் பற்றியும் அறியச் செய்தல்.
5.	ஆய்வேடு	• தமிழ் இலக்கியத்தில் குறிப்பிட்டப் பொருண்மையின் தரவுகளைத் திரட்டவும் முழுமையான ஆய்வேட்டினை உருவாக்கவும் கற்று தருதல்.

DEPARTMENT OF ENGLISH

UG PROGRAMME - B.A.,ENGLISH

Programme specific outcomes

- **Students should be able to understand the process of communicating and interpreting human experiences through literary representation using historical contexts and disciplinary methodologies.**
- **Students should be familiar with representative literary and cultural texts within a significant number of historical, geographical, and cultural contexts.**

COURSE OUTCOME

Sl No	Part	Subject Name	Course Outcome
I SEMESTER			
1.	I – Tamil	தற்கால கவிதையும் உரைநடையும்	• கவிதைக் களங்களின் அழகியலை உணர்த்தி தமிழ் மொழியின் முக்கியத்துவத்தை அறியச் செய்தல்.
2.	II - English	**English For Enrichment - I**	• **Strengthen the students' basic reading of prose and poetry.** • **Improve verbal communication skills.**
3.	III – Core I	**Social History Of England**	• **Acquire knowledge of the social background of England for a better understanding of the works in British Literature.** • **Familiarize with the important social and political movements that have shaped the social life of England.**
4.	III – Core II	**Poetry - I**	• **To make the students get interested in reading poetry and to get familiarity with the select British poets.** • **Analyze the various elements of Poetry such as diction, form, imagery and figures of speech.**
5.	III – Allied I	**Fundamentals of Computer**	• **Bridge the fundamental concepts of computers with the present level of knowledge of the students.** • **Define and distinguish Hardware and Software components of computer system, primary and secondary memory, various input and output units and explain their purposes.**

Program outcomes, program specific outcomes and course outcomes

6.	IV – Non Major Elective 1	Communicative English	• To enable each learner at the college level to communicate effectively in English both in the spoken and in the written mode.
II SEMESTER			
7.	I – Tamil	இடைக்கால இலக்கியமும் சிறுகதையும்	• பக்தி நெறிகளின் மேம்பாட்டினை உணர்த்தி, திருத்தலங்களை அறியச் செய்தல்.
8.	II - English	English For Enrichment - II	• Get acquainted with simple Prose and Poetry. • Have an appreciable understanding of English Grammar.
9.	III – Core III	History Of English Literature	• Gain knowledge of the chronological development of English Literature. • Understand the various Literary Movements and Trends related to English Literature.
10.	III – Core IV	Poetry - II	• Helps the students to enjoy the aesthetics sense of poetry and to understand the poetic devices and strategies employed by poets. • Identify the various forms of Poetry.
11.	III – Allied II	Desktop Publishing	• To design and create effective publications such as announcements, fliers, advertisement and reports. • To create, import, manipulate text and graphics.
12.	IV – Environmental Studies	Environmental Studies	• Understand the breadth and interdisciplinary nature of environmental issues. • Formulate an action plan for sustainable alternatives that integrate science, humanist, and social perspectives.
III SEMESTER			
13.	I – Tamil	காப்பியமும் புதினமும்	• புராண, தொன்மையான தொடர் நிலைச் செய்யுள்களின் வழிஇ வாழ்வியல் சிக்கல்களுக்குத் தீர்வு காட்டுதல்
14.	II - English	English For Enrichment - III	• Get acquainted with short stories in English and to make them enjoy and appreciate the pieces. • Understand the salient features of One – Act Plays. • Acquire proficiency in LSRW skills and communicate effectively.
15.	III - Core V	Prose	• Trace the evolution of English prose from the Elizabethan to the 20th century. • Get acquainted with interesting prose pieces. • Identify the various styles of prose.

16.	III - Core VI	Drama - I	• To know about the famous dramatists, their dramatic techniques and styles. • Read, analyze and appreciate drama critically.
17.	III – Allied III	Principles Of Tourism In India	• To learn about the importance and types of tourism. • To know the growth of Tourism in India and abroad, the travel documents and tourism marketing.
18.	IV – Non Major Elective II	Effective Employability Skills	• To train them in preparing the Curriculum Vitae and to face the interview.
19.	IV – Skill Based Subject I	Competitive Examination Skills	• To build a sense of awareness among students through proper guidance about various competitive examinations in order to motivate students for prospective career in government and corporate sector. • To intensively guide students for competitive examinations like TNPSC, UPSC, SSC, RRB, IBPS etc.
20.	V	Extension Activities	• Knowing the locational advantages and disadvantages. • Developing the social responsibility among the students.
IV SEMESTER				
21.	I – Tamil	பண்டை இலக்கியமும் நாடகமும்	• சங்க காலத் தமிழரின் பண்பாடு, கலாச்சாரங்களை அறியச் செய்தல்.
22.	II - English	English For Enrichment - IV	• Apprehend a concise view of Shakespeare's plays. • Make the students' enhance their knowledge in grammar and its usages.
23.	III - Core VII	Drama - II	• Enabling the students to get more knowledge about the different types of Drama and Dramatists. • Create interest in reading dramas that are timeless in nature.
24.	III - Core VIII	Literary Forms	• Gives the details of techniques and structure of the different genre in Literary works. • Gain knowledge of different literary forms in English.
25.	III – Allied IV	Human Rights	• Enabling the students to understand the concepts of Human Rights, specially women and children rights. • To acquire the knowledge of Human Rights Commission and its functions.

26.	IV – Skill Based Subject II	Emergency And Medical Lab Skills	• To recognize the nature and seriousness of the patient's condition or extent of injuries to assess requirements for emergency medical care. • Administer appropriate emergency medical care based on assessment findings of the patient's condition. • To Perform safely and effectively the expectations of the job.
27.	IV - Yoga	Manavalakalai Yoga	• To train and develop the physical body for leading a healthy life. • To rejuvenate the life energy, to retard the ageing process and to achieve spiritual development. • To offer meditation practices and introspection so as to strengthen the mind, increase its will power, concentration, creativity and receptivity and ultimately to transform the mind to achieve self realization. • To help every individual to realize the enduring values of peace, non-violence and harmony to revitalize human society for restoring its sanity and strength.
V SEMESTER			
28.	III - Core IX	Indian Writing In English	• Gain knowledge of the history and the growth of Indian Writing in English. • Understand the rich literary heritage of India. • Recognize the important contribution of India to world literature.
29.	III - Core X	Women's Writing in English	• Interpret the literary writings of women with the focus on important issues related to the lives of women. • Recognize the women writers and their literary pieces.
30.	III - Core XI	Commonwealth Literature	• Understand the diverse facets of Literature in English selected from various regions of Commonwealth. • Gain knowledge of literatures in common wealth nations and its themes, motifs.
31.	III - Elective I	Translation Studies, Theory and Practice	• Be familiar with the origin and development of translation. • Get acquainted with the theories and techniques of translation.
32.	III - Elective II	English Language Teaching	• Understand the methodology of teaching English as a second language.

			• Get familiarized with the general principles of language teaching.
33.	IV – Skill Based Subject III	Entrepreneurial Development Skills	• To learn concepts, principles of Entrepreneurship and to develop entrepreneurial interest and quality. • To impart the process and procedures involved in setting up of a enterprise and to acquire the necessary managerial skills to run a small - scale industry.
34.	IV – Skill Based Subject IV	Marketing And Sales Management	• To acquire analytical skills for solving marketing related problems and challenges and to familiar with the strategic marketing management process. • To learn the elements of sales force to be an effective component of an organization's overall marketing strategy.
VI SEMESTER			
35.	III - Core XII	Shakespeare	• Understand and appreciate the dramatic art of Shakespeare. • Analyze the themes, techniques and the theatrical devices for which Shakespeare is widely known.
36.	III - Core XIII	American Literature	• Gain knowledge of the major literary works in American Literature. • Learn the American life and culture against the background of American history.
37.	III - Core XIV	Literary Criticism	• Study the works of significant criticism from Aristotle to the Present time. • Understand important critical movements, literary criticism and its relevance to literature.
38.	III - Core XV	Phonetics and Spoken English	• Learn the basic concepts of Phonetics. • Get trained to read and write transcriptions in the International Phonetic Alphabet.
39.	III – Elective I	Written Communication	• Ability to develop and express ideas, opinions, and information in appropriate forms of writing. • Acquaint the various modes of writing in multiple genres or media.
40.	IV – Skill Based Subject V	Fruits, Vegetables Preservation Skills	• To understand the science, principles and techniques involved in fruits and vegetables preservation techniques. • To impart thorough knowledge on the technical skills in various aspects of food processing and preservation.

41.	IV – Skill Based Subject VI	Equipment Handling Skills for Events	• To impart the characteristics of various types of electrical and electronic equipments used in events. • To learn about the working, handling and troubleshooting skills on various electrical and electronic gadgets.

PG PROGRAMME - M.A., ENGLISH

Programme Specific Outcomes

- To learn the theoretical foundations and research methods in advanced literary studies, and gain expertise in specific genres, periods, and topics in the field.
- To identify, analyze, interpret and describe the critical ideas, values, and themes that appear in literary and cultural texts
- Students should be able to apply critical and theoretical approaches to the reading and analysis of literary and cultural texts in multiple genres.
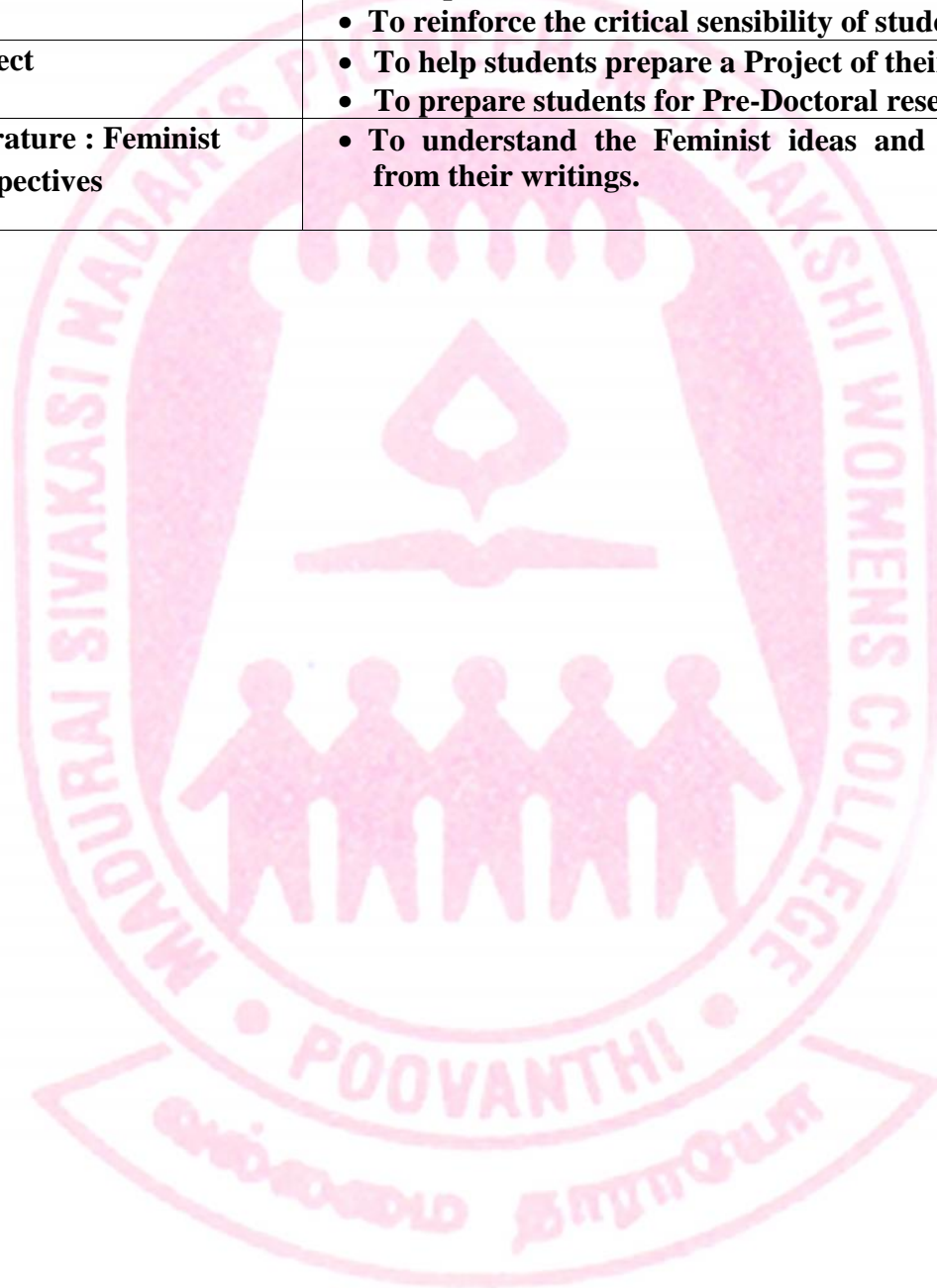
COURSE OUTCOME

Sl No	Course Name	Course Outcomes
1.	British Literature - I	• To acquaint students with the important features of British Literature. • To give students training in appreciating the poetic qualities and techniques in British Poetry. • To introduce learners to the Origin of English essays. • To make the learners understand the features of Dramas.
2.	Indian Writing in English	• To expose students to a wide range of Indian Writing in English. • To help the students to learn the meaning of "Indianness" in Indian Writings.
3.	Shakespeare	• To enable Students analyze the plays of Shakespeare in the Elizabethan context and relate them to the modern context. • To make students understand the magnitude of the Shakespearean world. • To help students understand the complexity and suggestiveness in Shakespeare. • To make them learn and appreciate the sonnets of Shakespeare.
4.	Literary Criticism	• To enable students develop critical sensibility. • To study the theories of critics from Plato to New Critics. • To expose students a wide range of literary texts and literary criticism.
5.	Mass Communication and Journalism	• To help students learn the theories of Mass Communication and the principles of Journalism. • To make students learn the history of Journalism. • To give students training in producing their own magazines.
6.	British Literature - II	• To acquaint students with the important features of the Restoration age and the Romantic age.

		• To familiarize students with the representative works of the writers belonging to these ages. • To introduce learners to the emergence of the English novel during the age of Transition.
7.	**American Literature**	• To help students study the representative works of American writers. • To make students understand the dimensions of American Literature in the universal literary context.
8.	**English Language Teaching-Theory and Practice**	• Develops the English teaching ability and introduces many methods of teaching English. • To help students learn the essential aspects of ELT and the different types of language testing and evaluation.
9.	**World Classics in English Translation**	• To acquaint students with the Classical Literatures of the world. • To enable students understand the writings of great writers. • To help students learn the essential aspects of world classics.
10.	**Study of an Author – Rabindranath Tagore**	• To initiate learners into the study of Tagore's works and his narrative techniques. • To expose students to the aspects of Indian civilization and culture with reference to Tagore.
11.	**British Literature - III**	• To make students understand the spirit of Victorian England and its influence on literary works. • To help the students to study the works of Victorian and modern age writers.
12.	**New Literature**	• To help Students identify the various themes presented in New Literature. • To enable students understand the dimensions of New Literature.
13.	**Research Methodology**	• To prepare students for quality research in future. • To train students in using parenthetical documentation as recommended in MLA Hand Book. • To help students prepare a Dissertation of their own.
14.	**Subaltern Literary Studies**	• To make students learn about subaltern related literary works and its themes. • To enable the students to know about the Dalit literature.
15.	**Comparative Literature**	• To help students understand Comparative Literature in relation to National, World and General Literature. • To enable students understand other Schools of Comparative Literature. • To expose students to the different categories of Comparative literature.
16.	**Aspects of English**	• To acquaint students with the History of the English Language.

	Language and Linguistics	• To help students learn the Essential Aspects of Linguistics. • To give students practice in Phonetic Transcription. • To enable students understand IC analysis.
17.	**Contemporary Critical Theories**	• To make students understand important critical theories given by the Critics of the 20th century. • To expose students to recent critical theories. • To reinforce the critical sensibility of students.
18.	**Project**	• To help students prepare a Project of their own. • To prepare students for Pre-Doctoral research.
19.	**Literature : Feminist Perspectives**	• To understand the Feminist ideas and perspectives from their writings.

DEPARTMENT OF MATHEMATICS

UG PROGRAMME - B.Sc.,MATHEMATICS

Programme specific outcomes

- **Enables the students, to develop a high-quality intellectual level, seeking to interpret various concepts in Mathematics.**
- **Develop students' skill in problem solving and in applying the mathematical knowledge acquired so that they will be able to function effectively and responsibly in their daily lives.**
- **Provide a systematic understanding of the concepts and theories of Mathematics and their application in the real world – to an advanced level, and enhance career prospects in a huge array of fields.**
- **Ability to become successful professionals by demonstrating logical and analytical thinking.**

COURSE OUTCOME

Sl No	Part	Subject Name	Course Outcome
I SEMESTER			
1.	I - Tamil	தற்கால கவிதையும் உரைநடையும	• கவிதைக் களங்களின் அழகியலை உணர்த்தி தமிழ் மொழியின் முக்கியத்துவத்தை அறியச் செய்தல்.
2.	II - English	English For Enrichment – I	• Strengthen the students' basic reading of prose and poetry. • Improve verbal communication skills.
3.	III – Core I	Calculus	• Understand the concept of differentiation and higher derivatives. • Understand the meaning of the derivative in terms of a rate of change and local linear approximation. • Familiarize themselves with the techniques of integration and differentiation of functions with real variables.
4.	III – Core II	Algebra & Trigonometry	• Attain the basic knowledge about equations and to solve equations in different Methods. • Learn the concept of rational roots, irrational roots, imaginary roots and the relation between the roots and coefficient of the equations. • Gain knowledge of nature of roots using theorems like Rolle's theorem and Strum's theorem.

5.	III – Allied - I	Properties of Matter, Thermal Physics and Optics(Theory)	• Acquire knowledge about the different physical properties of each state of matter. • Understand the relation between heat and various forms of energy. • Understand the basic principles of optics.
6.	III - Allied Practicals	Allied General Physics Practicals	• To train the students in various experiments in the field of Properties of matter, Electronics and Heat using the correct physical scientific frame work.
7.	IV - Non Major Elective I	Communicative English	• To enable each learner at the college level to communicate effectively in English both in the spoken and in the written mode.
		II SEMESTER	
8.	I - Tamil	இடைக்கால இலக்கியமும் சிறுகதையும்	• பக்தி நெறிகளின் மேம்பாட்டினை உணர்த்தி, திருத்தலங்களை அறியச் செய்தல்.
9.	II - English	English For Enrichment – II	• Get acquainted with simple Prose and Poetry. • Have an appreciable understanding of English Grammar.
10.	III – Core III	Analytical Geometry of 3D and Vector Calculus	• Enable the students to develop their skill in 3 dimensional Cartesian Co-ordinates system. • Learn the properties of straight lines and spheres. • Derive the conditions for parallelism and perpendicularity of two lines.
11.	III - Core IV	Sequences and Series	• Understand a formal introduction to the concept of limit and compute the limits of sequences. • Gain knowledge of some simple techniques for testing the convergence of sequences. • Apply the properties of limits summarized in Theorems and recognize when a sequence is increasing, decreasing, bounded and monotonic.
12.	III – Allied II	Electricity, Electronics, Atomic and Nuclear Physics(Theory)	• Understand the key role of electricity and electronics. • Understand the structure of the atom, the constituents of the nucleus, and the interactions of radiation with matter.
13.	III - Allied Practicals	Allied General Physics Practicals	• To train the students in various experiments in the field of Properties of matter, Electronics and Heat using the correct physical scientific frame work.
14.	IV – Environmental Studies	Environmental Studies	• Understand the breadth and interdisciplinary nature of environmental issues.

			• Formulate an action plan for sustainable alternatives that integrate science, humanist, and social perspectives.
		III SEMESTER	
15.	I - Tamil	காப்பியமும் புதினமும்	• புராண, தொன்மையான தொடர் நிலைச் செய்யுள்களின் வழி, வாழ்வியல் சிக்கல்களுக்குத் தீர்வு காட்டுதல்.
16.	II - English	English For Enrichment - III	• Get acquainted with short stories in English and to make them enjoy and appreciate the pieces. • Understand the salient features of One – Act Plays. • Acquire proficiency in LSRW skills and communicate effectively.
17.	III – Core V	Abstract Algebra	• Learn the concepts and properties of various algebraic structures and Use results from elementary group theory to solve contemporary problems. • Learn the elementary theorems and proof techniques of group and ring theory. • Apply the theorems, proof techniques and standard computations of group and ring theory to solve problems.
18.	III – Core VI	Differential Equations and its Applications	• Understand some basic definitions and terminology associated with differential equations and their solutions. • Identify a general method for constructing solutions to non-homogeneous linear constant coefficient second-order equations. • Determine solutions to first order linear differential equations and second order linear homogeneous differential equations with constant coefficients.
19.	III – Allied III	C Programming	• Illustrate the flowchart and design an algorithm for a given problem and to develop C programs using operators. • Ability to work with textual information, characters and strings, arrays etc.
20.	IV - Non Major Elective II	Effective Employability Skills	• To train them in preparing the Curriculum Vitae and to face the interview.
21.	IV- Skill Based Subject I	Competitive Examination Skills	• To build a sense of awareness among students through proper guidance about various competitive examinations in order to motivate students for prospective career in government and corporate sector.

			• To intensively guide students for competitive examinations like TNPSC, UPSC, SSC, RRB, IBPS etc.
22.	V	Extension Activities	• Knowing the locational advantages and disadvantages. • Developing the social responsibility among the students.
		IV SEMESTER	
23.	I - Tamil	பண்டை இலக்கியமும் நாடகமும்	• சங்க காலத் தமிழரின் பண்பாடு, கலாச்சாரங்களை அறியச் செய்தல்.
24.	II - English	English For Enrichment - IV	• Apprehend a concise view of Shakespeare's plays. • Make the students' enhance their knowledge in grammar and its usages.
25.	III – Core VII	Transform Techniques	• Introduce the concept of half range Fourier series. • Inculcate the knowledge of Laplace Transforms and the conditions for its existence. • Find the inverse Laplace Transform of certain functions by the method of partial fractions.
26.	III – Core VIII	Linear Algebra	• Present basic concepts of vector spaces. • Inculcate basic concepts of matrices and matrix algebra. • Learn about the span of a set and linear independence. • Able to find the change-of-basis matrix with respect to two bases of a vector space.
27.	III – Allied IV	Internet and its Applications	• Introducing the concepts of internet. • To gain knowledge about basic internet usage.
28.	IV - Yoga	Manavalakalai Yoga	• To train and develop the physical body for leading a healthy life. • To rejuvenate the life energy, to retard the ageing process and to achieve spiritual development. • To offer meditation practices and introspection so as to strengthen the mind, increase its will power, concentration, creativity and receptivity and ultimately to transform the mind to achieve self realization. • To help every individual to realize the enduring values of peace, non-violence and harmony to revitalize human society for restoring its sanity and strength.

29.	IV - Skill Based Subject II	Emergency and Medical Lab Skills	• To recognize the nature and seriousness of the patient's condition or extent of Injuries to assess requirements for emergency medical care. • Administer appropriate emergency medical care based on assessment findings of the patient's condition. • To Perform safely and effectively the expectations of the job.
		V SEMESTER	
30.	III – Core IX	Real Analysis	• Develop a sound knowledge of the ideas and concepts related to metric spaces. • Understand proofs, counter arguments or counter examples in reals. • Learn the field axioms of the reals, covers, density, monotonicity, boundedness, Demonstrate completeness, limits, continuity.
31.	III - Core X	Statistics I	• Gain the basic knowledge of measures of dispersion like mean, median and mode. • Obtain a point estimate for the variance and standard deviation of the conditional distribution and correlation and regression.
32.	III – Core XI	Operations Research I	• Understand and identify the need of using the Techniques in Operations Research. • Find optimum solution for real life problems using simplex techniques. • Gain the knowledge of transportation problem, sequencing problem and assignment method using many techniques.
33.	III – Core XII	Graph Theory	• Understand the basic concepts of graphs. • Able to represent a graph by matrices. • Understand the properties of trees. • Understand Eulerian and Hamiltonian graphs. • Apply the Planarity Algorithm.
34.	III – Elective I	Numerical Analysis	• Understand the method to solve system of linear equations, roots of non-linear equations. • Learn the concept of interpolation. • Able to approximate the functions and to estimate the errors. • Use the numerical techniques to solve algebraic and differential equations.

35.	IV - Skill Based Subject III	Heritage and Tourism	- To understand the definitions, terminology and concepts of cultural heritage and its relationships with tourism. - To understand heritage tourism supply by examining different categories of heritage attractions and the contexts within which heritage exists and additional perspectives on scale from the supply perspective. - To understand the role of interpretation in cultural heritage sites and the relevance of such interpretation approaches to visitors. - Provide a framework to plan, design, and assess interpretation programs for tourists.
36.	IV - Skill Based Subject IV	Marketing and Sales Management	- To acquire analytical skills for solving marketing related problems and challenges and to familiar with the strategic marketing management process. - To learn the elements of sales force to be an effective component of an organization's overall marketing strategy.
		VI SEMESTER	
37.	III – Core XIII	Mechanics	- Able to construct free-body diagrams and to calculate the reactions necessary to ensure static equilibrium. - Understand the analysis of distributed loads. - Able to calculate centroids and moments of inertia. - Able to solve problems on forces acting on moving particles. - Gain knowledge of kinetic energy and momentum methods for particles and systems of particles. - Acquire knowledge of the general principles of dynamics.
38.	III – Core XIV	Complex Analysis	- Gain knowledge about the elementary transformation and bilinear transformation. - Understand the significance of differentiability for complex functions and be familiar with the Cauchy-Riemann equations, Cauchy's Theorem, Compute the Taylor and Laurent expansions of simple functions, innermost Laurent Series at an isolated singularity and determine the residue.

			• Use the Residue theorem to compute complex line integral and real integrals.
39.	III – Core XV	Statistics II	• Learn the concepts and methods of probability and distribution theory. • Learn the applications of Binomial and Poisson distributions. Gain knowledge about the multivariate distributions.
40.	III – Elective II	Operations Research II	• Identify and develop operational research models from the verbal description of the real System. • Able to design new simple models, like: CPM, PERT, Queueing model, Inventory model to improve decision –making and develops critical thinking and objective analysis of decision problems.
41.	III – Elective III	Fuzzy Algebra	• Gain knowledge about constructing the appropriate fuzzy numbers corresponding to uncertain and imprecise collected data. • Gain knowledge about finding the optimal solution of mathematical programming problems having uncertain and imprecise data. Knowledge about fuzzy cluster analysis and how to solve basic problems using fuzzy cluster analysis. • Distinguish between the crisp set and fuzzy set concepts through the learned differences between the crisp set characteristic function and the fuzzy set membership function.
42.	IV - Skill Based Subject V	Fruit, Vegetable Preservation Skills	• To understand the science, principles and techniques involved in fruits and vegetables preservation techniques. • To impart thorough knowledge on the technical skills in various aspects of food processing and preservation.
43.	IV - Skill Based Subject VI	Equipment Handling Skills for events	• To impart the characteristics of various types of electrical and electronic equipments used in events. • To learn about the working, handling and troubleshooting skills on various electrical and electronic gadgets.

PG PROGRAMME- M.Sc.,Mathematics

Programme Specific Outcome

- **Students can have the ability to write their own proof techniques for theorems, propositions with proper terminology and notations.**
- **To solve or approach complex problems in the field of Mathematics and they will apply the results to real life application problems.**
- **Students will provide specific examples of connections among various branches of Mathematics such as Algebra, Analysis and Differential Equations.**
- **With the acquired knowledge from the basics of Mathematics, students can be able to work or admit themselves to do research in the field of Applied Mathematics and also they will solve the problems that are facing in the industry and in real life situations. This will built a very good relationship between industry and Mathematicians.**
- **Enable the students to be well prepared for the CSIR–JRF examinations.**

COURSE OUTCOME

Sl No	Course Name	Course Outcome
1.	Algebra – I	• **Understand the concepts of Groups, Normal subgroups and quotient groups.** • **Explain the concepts of Homomorphism, Automorphism on groups and Permutation groups.** • **Analyze basic concepts about Rings, Ideals and quotient rings.** • **Demonstrate examples of Euclidean rings, Polynomial rings, Polynomial rings over Commutative rings.**
2.	Analysis-I	• **Define and recognize the basic properties of the field of real numbers. Improve and outline the logical thinking.** • **Define and recognize the series of real numbers and convergence shown the ability of working independently and with groups. Define and recognize Bolzano- Weirstrass theorem. Ability to apply the theorem in a correct mathematical way.** • **Comprehend rigorous arguments developing the theory underpinning real analysis.** • **Demonstrate an understanding of limits and how they are used in sequences, series, differentiation and integration.** • **Appreciate how abstract ideas and rigorous methods in mathematical analysis can be applied to important practical problems.**

3.	**Differential Geometry**	• Understand the curvature and torsion of a space curve, how to compute them, and how they suffice to determine the shape of the curve.
		• Understand the definition of a smooth surface, and the means by which many examples may be constructed.
		• Understand the various different types of curvature associated to a surface, and how to computethem.
		• Understand the first and second fundamental forms of a surface, how to compute them, and how they suffice to determine the local shape of the surface.
		• Understand about Gaussian curvature, geodesics and its applications, how to compute them.
		• Appreciate the distinction between intrinsic and extrinsic aspects of surface geometry.
4.	**Ordinary Differential Equations**	• Apply the fundamentalconcepts of Ordinary Differential Equations and Partial Differential Equations and the basic numerical methods for their resolution.
		• Solve the problems choosing the most suitable method.
		• Understand the difficulty of solving problems analytically and the need to use Numerical approximations for their resolution and use computational tools to solve problems and applications of Ordinary Differential Equations and Partial Differential Equations.
		• Formulate and solve differential equation problems in the field of Industrial Organization Engineering.
		• Use an adequate scientific language to formulate the basic concepts of the course.
5.	**Number Theory**	• Analyze and prove results presented in analytic number theory.
		• Prove results similar to the ones presented in the course and apply the basic techniques, results and concepts of the course to concrete examples and exercises.
		• Understand the interdisciplinary nature with other mathematical branches.
		• Understand theoretical physics and Combinatorics with the knowledge of partition theory.
6.	**Algebra - II**	• Analyze and demonstrate examples of Linear independence and bases, Dual Spaces and Inner product spaces.
		• Assess properties implied by Roots of Polynomials and more about Roots.
		• Classify and determine the trace and transpose of the matrices.

		• **Define, illustrate and apply the concepts of unitary Hermitian and Normal transformation.**
7.	**Analysis-II**	• **Demonstrate understanding of the basic concepts underlying the definition of the general Lebesgue integral.** • **Prove basic results of measure theory and integration theory.** • **Demonstrate understanding of the statement and proof of the fundamental integral convergence theorems, and their applications.** • **Demonstrate understanding of the statements of the main results on integration on product spaces and an ability to apply these in examples and to apply the theory of the course to solve a variety of problems at an appropriate level of difficulty. Demonstrate skills in communicating mathematics both orally and in writing**
8.	**Partial Differential Equations**	• **Classify partial differential equations and transform into canonical form.** • **Solve linear partial differential equations of both first and second order.**
9.	**Mechanics**	• **Have a deep understanding of Newton's laws.** • **Be able to solve the Newton equations for simple configurations using various method, Understand the foundations of chaotic motion.**
10.	**Graph Theory**	• **Understand the basic concepts of graphs, directed graphs, and weighted graphs and able to present a graph by matrices.** • **Understand the properties of trees and able to find a minimal spanning tree for a given weighted graph.** • **Understand Eulerian and Hamiltonian graphs.**
11.	**Complex Analysis**	• **Extend the concepts of analysis of real variables to complex numbers likes sequences and series and differentiate and Integrate Complex functions.** • **Carry out contour Integration. Compute integrals using residues.** • **Apply techniques of Complex analysis to summation of series.** • **Apply conformal mappings to problems from physical sciences.**

12.	Topology - I	• Define and illustrate the concept of topological spaces and continuous functions.
		• Define and illustrate the concept of product topology and quotient topology.
		• Prove a selection of theorems concerning topological spaces, continuous functions, product topologies, and quotient topologies. Define and illustrate the concepts of the separation axioms.
		• Define connectedness and compactness, and prove a selection of related theorems, and describe different examples distinguishing general, geometric, and algebraic topology.
13.	Probability and Statistics	• Basic probability axioms and rules and the moments of discrete and continuous random variables as well as be familiar with common named discrete and continuous random variables.
		• How to derive the probability density function of transformations of random variables and use these techniques to generate data from various distributions.
		• How to calculate probabilities, and derive the marginal and conditional distributions of bivariate random variables.
		• Discrete time Markov chains and methods of finding the equilibrium probability distributions.
14.	Discrete Mathematics	• To develop skills in the basic principles of Boolean algebra, Logic, Set theory, Permutations and combinations and Graph Theory.
15.	Fuzzy Mathematics	• Gain knowledge about constructing the appropriate fuzzy numbers corresponding to uncertain and imprecise collected data.
		• Gain knowledge about finding the optimal solution of mathematical programming problems having uncertain and imprecise data. Knowledge about fuzzy cluster analysis and how to solve basic problems using fuzzy cluster analysis.
		• Distinguish between the crisp set and fuzzy set concepts through the learned differences between the crisp set characteristic function and the fuzzy set membership function.
		• Draw a parallelism between crisp set operations and fuzzy set operations through the use of characteristic and membership functions respectively.
		• Able to define fuzzy sets using linguistic words and represent these sets by membership functions.
16.	Functional Analysis	• Describe the properties of normed linear spaces and construct examples of such spaces.
		• Extend basic notions from calculus to metric spaces and normed vector spaces.

		• State and prove theorems about finite dimensionality in normed vector spaces. • State and prove the Cauchy-Swartz Inequality and apply it to the derivation of other inequalities. • Prove that a given space is a Hilbert spaces or a Banach Spaces. • Describe the dual of a normed linear space.
17.	**Operations Research**	• Understand the theory of optimization methods and algorithms developed for solving various types of optimization problems formulate optimization problems and apply the concept of optimality criteria for various type of optimization problems. • Solve various constrained and unconstrained problems in single variable as well as multivariable and apply the methods of optimization in real life situation and develop and promote research interest in applying optimization techniques in problems.
18.	**Topology II**	• Define connectedness and compactness, and prove a selection of related theorems, and describe different examples distinguishing general, geometric, and algebraic topology.
19.	**Numerical Analysis**	• Demonstrate understanding of common Numerical methods and how they are used to obtain approximate solutions to otherwise intractable mathematical problems. • Apply various mathematical operations and tasks, such as interpolation, differentiation, integration, the solutions of linear equations and the solutions of differential equations and partial differential equations. • Solve dense systems of linear equations and least squares problems and have a working knowledge of LU and QR factorizations for these problems. • Understand and apply appropriate techniques for numerical differentiation and integration. • Solve initial value problem ordinary differential equations with explicit or implicit methods as appropriate solution.

DEPARTMENT OF PHYSICS

UG PROGRAMME - B.Sc.,PHYSICS

Programme Specific Outcomes

- Acquire conceptual and procedural knowledge relevant to Physics.
- Creates knowledge of the practical applications of physics to a wide variety of other fields.

COURSE OUTCOME

Sl No	Part	Subject Name	Course Outcome
I SEMESTER			
1.	I – Tamil	தற்கால கவிதையும் உரைநடையும்	• கவிதைக் களங்களின் அழகியலை உணர்த்தி தமிழ் மொழியின் முக்கியத்துவத்தை அறியச் செய்தல்.
2.	II – English	English For Enrichment – I	• Strengthen the students' basic reading of prose and poetry. • Improve verbal communication skills.
3.	III – Core I	Properties of Matter and sound	• Acquire knowledge about the different physical properties of each state of matter. • Understand how sound is produced and propagated through a medium.
4.	III – Core II	Mechanics and Relativity	• Understand the motion of macroscopic objects, hydrostatics and hydrodynamics and how matter and forces exist and interact. • Understand the behaviour of objects in space and time.
5.	III – Core III	General Physics Practical I	• Train the students to interpret the findings on various activities in the field of electromagnetism, properties of matter and sound using the correct physical scientific framework.
6.	III – Allied I	Ancillary Mathematics I	• Understand and perform the matrix operations. • Knowledge to interpret a function from an algebraic, numerical, graphical and verbal perspective. • Solve a variety of trigonometric, inverse trigonometric equations and the derivative of a function at a point.

7.	IV – Non Major Elective I	Communicative English	• To enable each learner at the college level to communicate effectively in English both in the spoken and in the written mode.
		II SEMESTER	
8.	I – Tamil	இடைக்கால இலக்கியமும் சிறுகதையும்	• பக்தி நெறிகளின் மேம்பாட்டினை உணர்த்தி, திருத்தலங்களை அறியச் செய்தல்
9.	II – English	English For Enrichment – II	• Get acquainted with simple Prose and Poetry. • Have an appreciable understanding of English Grammar.
10.	III – Core III	General Physics Practical I	• Train the students to interpret the findings on various activities in the field of electromagnetism, properties of matter and sound using the correct physical scientific framework.
11.	III – Core IV	Thermal and statistical physics	• To understand the relation between heat and various forms of energy. • Enabling the students to find statistical solutions to movement of elementary particles.
12.	III – Core V	Electricity, Magnetism and Electromagnetism	• To understand the key role of electricity and electromagnetism.
13.	III – Allied II	Ancillary Mathematics II	• To understand the basic concepts of vector calculus. • To understand the basics of transform techniques and statistical tools.
14.	IV – Environmental Studies	Environmental Studies	• Understand the breadth and interdisciplinary nature of environmental issues. • Formulate an action plan for sustainable alternatives that integrate science, humanist, and social perspectives.
		III SEMESTER	
15.	I – Tamil	காப்பியமும் புதினமும்	• புராண, தொன்மையான தொடர் நிலைச் செய்யுள்களின் வழி, வாழ்வியல் சிக்கல்களுக்குத் தீர்வு காட்டுதல்
16.	II – English	English For Enrichment – III	• Get acquainted with short stories in English and to make them enjoy and appreciate the pieces. • Understand the salient features of One – Act Plays. • Acquire proficiency in LSRW skills and communicate effectively.

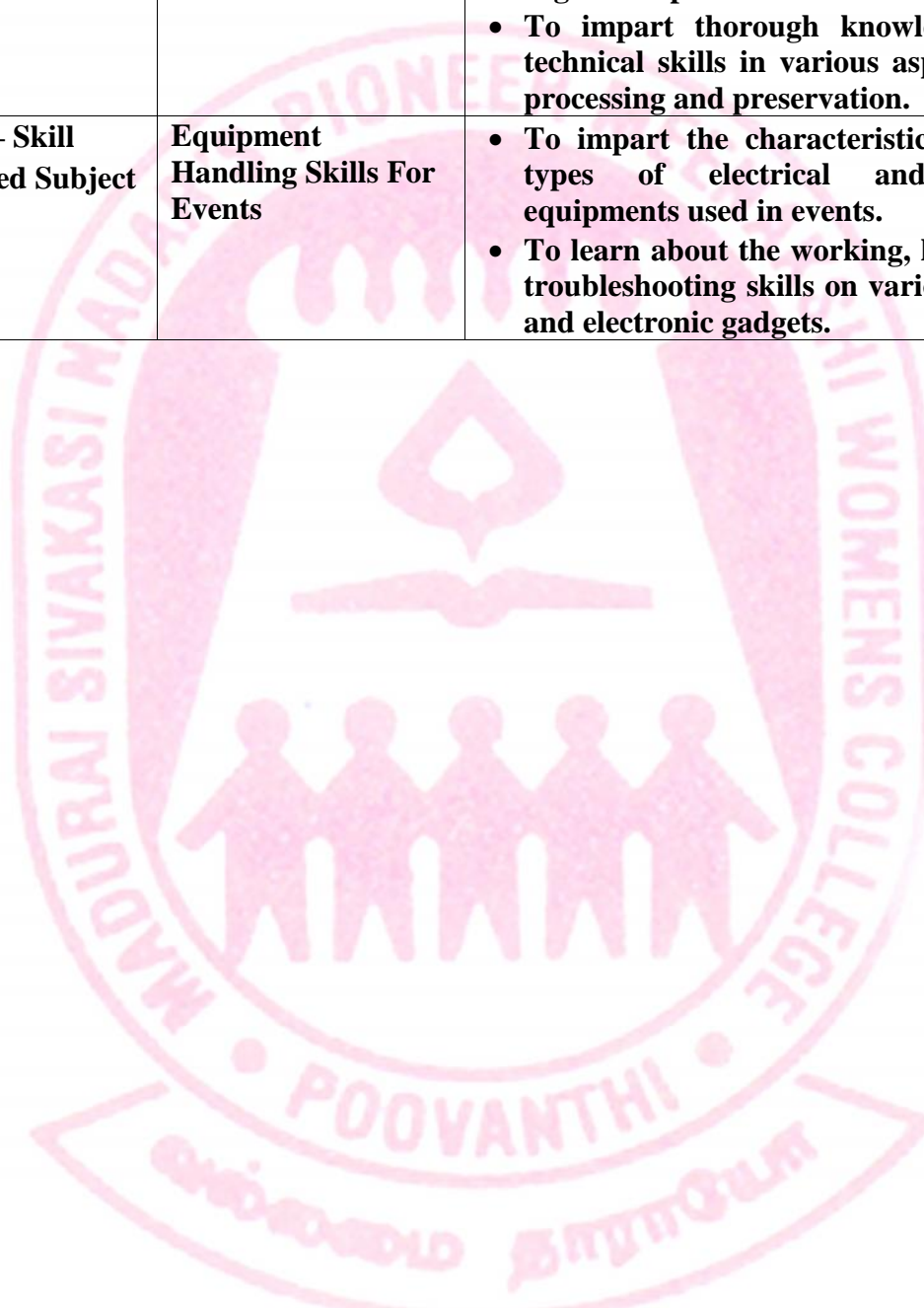| 17.	III – Core VI	Optics and Spectroscopy	• To understand the basic principles of optics and spectroscopy.
18.	III – Core VII	General Physics Practical II	• To train the students in various experiments in the field of Optics, Magnetism and Heat using the correct physical scientific framework.
19.	III – Allied III	Discrete Mathematics	• Making the students to realize and find that there are multiple solutions to a given problem. • Applying logical reasoning to solve a variety of problems.
20.	IV – Non Major Elective II	Effective Employability Skills	• To train them in preparing the Curriculum Vitae and to face the interview.
21.	IV – Skill Based Subject I	Competitive Examination Skills	• To build a sense of awareness among students through proper guidance about various competitive examinations in order to motivate students for prospective career in government and corporate sector. • To intensively guide students for competitive examinations like TNPSC, UPSC, SSC, RRB, IBPS etc.
22.	V	Extension Activities	• Knowing the locational advantages and disadvantages. • Developing the social responsibility among the students.
IV SEMESTER			
23.	I – Tamil	பண்டை இலக்கியமும் நாடகமும்	• சங்க காலத் தமிழரின் பண்பாடு, கலாச்சாரங்களை அறியச் செய்தல்.
24.	II – English	English For Enrichment – IV	• Apprehend a concise view of Shakespeare's plays. • Make the students' enhance their knowledge in grammar and its usages.
25.	III – Core VII	General Physics Practical II	• To train the students in various experiments in the field of Optics, Magnetism and Heat using the correct physical scientific framework.
26.	III – Core VIII	Atomic and Nuclear Physics	• Understand the structure of the atom, the constituents of the nucleus, and the interactions of radiation with matter.
27.	III – Allied IV	Operations Research	• Enabling the students to formulate a physical situation into a Linear Programming Problem and solve using Simplex algorithms. • Understand the techniques of optimization for linear and non-linear problems.

28.	IV – Skill Based Subject II	Emergency And Medical Lab Skills	• To recognize the nature and seriousness of the patient's condition or extent of injuries to assess requirements for emergency medical care. • Administer appropriate emergency medical care based on assessment findings of the patient's condition. • To Perform safely and effectively the expectations of the job.
29.	IV – Yoga	Manavalakalai Yoga	• To train and develop the physical body for leading a healthy life. • To rejuvenate the life energy, to retard the ageing process and to achieve spiritual development. • To offer meditation practices and introspection so as to strengthen the mind, increase its will power, concentration, creativity and receptivity and ultimately to transform the mind to achieve self realization. • To help every individual to realize the enduring values of peace, non-violence and harmony to revitalize human society for restoring its sanity and strength.
		V SEMESTER	
30.	III – Core IX	Analog Electronics	• Develop the ability to identify all electronic components and their working principle. • Develop the ability to analyse and design analog electronic circuits using discrete components.
31.	III – Core X	Computer Programming in C	• Illustrate and design flowchart and algorithm for a given problem. • Ability to work with textual information, characters and strings, arrays etc., • To train the students to develop C programs.
32.	III – Core XI	General Physics Practical III	• To train the students in advanced experiments in the field of Optics, Magnetism and Heat using the correct physical scientific framework.
33.	III – Core XII	Electronics Practical IV	• To train the students in various experiments in the field of Electronics using the correct physical scientific framework.
34.	III – Elective I	Laser Physics and Fibre Optics	• To understand fundamentals of laser operation and the basics of their practical implementation, principles of operations. • Knowing the basics of signal propagation through optical fibres.

35.	III – Elective II	Solid State Physics	• To understand the basic theory of structure, composition and physical properties of crystalline materials, different types of crystal binding and correlate the theoretical results with experimental data.
36.	IV – Skill Based Subject III	Heritage and Tourism	• To understand the definitions, terminology and concepts of cultural heritage and its relationships with tourism. • To understand heritage tourism supply by examining different categories of heritage attractions and the contexts within which heritage exists and additional perspectives on scale from the supply perspective. • To understand the role of interpretation in cultural heritage sites and the relevance of such interpretation approaches to visitors. • Provide a framework to plan, design, and assess interpretation programs for tourists.
37.	IV – Skill Based Subject IV	Marketing and Sales Management	• To acquire analytical skills for solving marketing related problems and challenges and to familiar with the strategic marketing management process. • To learn the elements of sales force to be an effective component of an organization's overall marketing strategy.
		VI SEMESTER	
38.	III – Core XI	General Physics Practical III	• To train the students in advanced experiments in the field of Optics, Magnetism and Heat using the correct physical scientific framework.
39.	III – Core XII	Electronics Practical IV	• To train the students in various experiments in the field of Electronics using the correct physical scientific framework.
40.	III – Core XIII	Elements of Theoretical Physics	• Enabling the students to apply the mathematical models and abstraction of physical objects.
41.	III – Core XIV	Digital Electronics	• Make them to understand the mathematical logical by applying the electronics.
42.	III – Core XV	Project	• Students can be able to inculcate and show their physics knowledge in the innovative experiments.

43.	III – Elective III	Fundamentals of Nano Science	• Students can be able to understand the fundamental principles of Nano science and Nanotechnology.
44.	IV – Skill Based Subject V	Fruit And Vegetable Preservation Skills	• To understand the science, principles and techniques involved in fruits and vegetables preservation techniques. • To impart thorough knowledge on the technical skills in various aspects of food processing and preservation.
45.	IV – Skill Based Subject VI	Equipment Handling Skills For Events	• To impart the characteristics of various types of electrical and electronic equipments used in events. • To learn about the working, handling and troubleshooting skills on various electrical and electronic gadgets.

DEPARTMENT OF COMPUTER SCIENCE

UG PROGRAMME - B.Sc.,COMPUTER SCIENCE

Programme Specific Outcome

- **Ability to apply knowledge of computing, mathematics, and basic sciences that may be relevant and appropriate to the domain.**
- **Ability to analyse a problem, identify and define the computing requirements, which may be appropriate to its solution.**
- **Understanding the professional, ethical, legal, security, social issues and responsibilities related to the computer field.**
- **Ability to use current technologies, skills, and computing tools.**

COURSE OUTCOME

Sl No	Part	Subject Name	Course Outcome
		I SEMESTER	
1.	I - Tamil	தற்கால கவிதையும் உரைநடையும்	• கவிதைக் களங்களின் அழகியலை உணர்த்தி தமிழ் மொழியின் முக்கியத்துவத்தை அறியச் செய்தல்
2.	II - English	**English for enrichment - I**	• **Strengthen the students' basic reading of prose and poetry.** • **Improve verbal communication skills.**
3.	III – Core I	**Programming in C**	• **Illustrate and design flowchart and algorithm for a given problem.** • **Ability to work with textual information, characters and strings, arrays etc., and to develop C programs.**
4.	III – Core II	**Programming in C Lab**	• **Training to handle the common data structures typically found in C programs — namely arrays, strings, pointers, functions etc. and to handle possible errors during program execution.**
5.	III - Allied I	**Fundamentals of Computer**	• **Define and distinguish Hardware and Software components of computer system.**
6.	IV - Non Major Elective I	**Communicative English**	• **To enable each learner at the college level to communicate effectively in English both in the spoken and in the written mode.**
		II SEMESTER	
7.	I – Tamil	இடைக்கால இலக்கியமும் சிறுகதையும்	• பக்தி நெறிகளின் மேம்பாட்டினை உணர்த்தி, திருத்தலங்களை அறியச் செய்தல்
8.	II – English	**English for enrichment – II**	• **Get acquainted with simple Prose and Poetry.**

			• Have an appreciable understanding of English Grammar.
9.	III – Core III	Object Oriented Programming with C++	• To develop an in-depth understanding of functional, logic, and object-oriented programming paradigms.
10.	III – Core IV	Object Oriented Programming with C++ Lab	• To train the object oriented concepts for implementation.
11.	III – Allied II	Desktop Publishing	• Enhancing their creative skills for effective publications such as Advertisements, Flyers and Reports through Photoshop and Corel draw.
12.	IV – Environmental Studies	Environmental Studies	• Understand the breadth and interdisciplinary nature of environmental issues. • Formulate an action plan for sustainable alternatives that integrate science, humanist, and social perspectives.
III SEMESTER			
13.	I – Tamil	காப்பியமும் புதினமும்	• புராண, தொன்மையான தொடர் நிலைச் செய்யுள்களின் வழி, வாழ்வியல் சிக்கல்களுக்குத் தீர்வு காட்டுதல்
14.	II – English	English for Enrichment - III	• Get acquainted with short stories in English and to make them enjoy and appreciate the pieces. • Understand the salient features of One – Act Plays. • Acquire proficiency in LSRW skills and communicate effectively.
15.	III – Core V	Data Structures & Computer Algorithms	• Understand the elementary data structures and the efficient data structures suitable for solving problems. • Know the basic algorithmic design strategies, including recursion, divide-and-conquer, greedy method.
16.	III – Core VI	Data Structures & Computer Algorithms Lab	• Train to implement data structures with C and to choose an appropriate data structure for a particular problem.
17.	III – Allied III	Fundamentals of Computers and Information Technology	• To acquire the knowledge of evolution of computers and to learn the basic ethics in the field of information technology.
18.	IV – Non Major Elective II	Effective Employability Skills	• To train them in preparing the Curriculum Vitae and to face the interview.
19.	IV – Skill Based Subject I	Competitive Examination Skills	• To build a sense of awareness among students through proper guidance about various competitive examinations in order to motivate students for prospective career in government and corporate sector.

			• To intensively guide students for competitive examinations like TNPSC, UPSC, SSC, RRB, IBPS etc.
20.	V	Extension Activities	• Knowing the locational advantages and disadvantages. • Developing the social responsibility among the students.
		IV SEMESTER	
21.	I – Tamil	பண்டை இலக்கியமும் நாடகமும்	• சங்க காலத் தமிழரின் பண்பாடு, கலாச்சாரங்களை அறியச் செய்தல்
22.	II – English	English for enrichment – IV	• Apprehend a concise view of Shakespeare's plays. • Make the students' enhance their knowledge in grammar and its usages.
23.	III – Core VII	Java Programming	• Gain knowledge about basic Java language syntax and semantics to write Java programs and to understand the object oriented programming in JAVA.
24.	III – Core VIII	Java Programming Lab	• To provide sufficient training to develop projects with object oriented concepts.
25.	III – Allied IV	Data Mining and Warehousing	• To understand the basic principles, concepts and applications of data mining. • Have a good knowledge of the fundamental concepts that provide the foundation of data mining.
26.	IV – Yoga	Manavalakalai Yoga	• To train and develop the physical body for leading a healthy life. • To rejuvenate the life energy, to retard the ageing process and to achieve spiritual development. • To offer meditation practices and introspection so as to strengthen the mind, increase its will power, concentration, creativity and receptivity and ultimately to transform the mind to achieve self realization. • To help every individual to realize the enduring values of peace, non-violence and harmony to revitalize human society for restoring its sanity and strength.
27.	IV – Skill Based Subject II	Emergency And Medical Lab Skills	• To recognize the nature and seriousness of the patient's condition or extent of injuries to assess requirements for emergency medical care.

			• Administer appropriate emergency medical care based on assessment findings of the patient's condition. • To Perform safely and effectively the expectations of the job.
		V SEMESTER	
28.	III – Core IX	Operating Systems	• To learn the fundamentals of operating system and to gain knowledge on process management, CPU Scheduling, Memory Management, disk scheduling and file systems.
29.	III – Core X	Relational Database Management Systems	• Enabling the students to understand the designing and implementation of a database for a given problem and to organize, maintain and retrieve information from a database efficiently and effectively.
30.	III – Core XI	Relational Database Management Systems Lab	• Training in creating a data base and retrieving the required data from the data base.
31.	III – Elective I	Web Design	• Understand, analyze and apply the role of languages like HTML, CSS, XML, and JavaScript to create a web page.
32.	III – Elective II	Digital Principles and Computer Organization	• Explain the generic principles that underlie the design of digital computer, including data representation, digital logic. • To understand the design of the various functional units and components of computers.
33.	IV – Skill Based Subject III	Heritage and Tourism	• To understand the definitions, terminology and concepts of cultural heritage and its relationships with tourism. • To Understand heritage tourism supply by examining different categories of heritage attractions and the contexts within which heritage exists and additional perspectives on scale from the supply perspective. • To understand the role of interpretation in cultural heritage sites and the relevance of such interpretation approaches to visitors. • Provide a framework to plan, design, and assess interpretation programs for tourists.
34.	IV – Skill Based Subject IV	Marketing and Sales Management	• To acquire analytical skills for solving marketing related problems and challenges and to familiar with the strategic marketing management process.

			• To learn the elements of sales force to be an effective component of an organization's overall marketing strategy.
		VI SEMESTER	
35.	III – Core XII	Computer Networks	• To understand the basic concepts of networking and identify the different types of networks. • To be familiar with contemporary issues in networking technologies.
36.	III – Core XIII	Computer Graphics	• To introduce the use of a components of the graphics system. • To become familiar with building approach of graphics system components and algorithms related with them.
37.	III – Core XIV	Software Engineering	• To understand the techniques in Analysing, Designing, Implementing, Testing and maintaining a software product.
38.	III – Core XV	Project Work & Viva-Voce	• To identify and finalize problem statement by surveying variety of domains. • To present technical report by applying different visualization tools and evaluation metrics.
39.	III – Elective III	Programming with Linux, Apache, MYSQL and PHP (LAMP)	• To understand a basic idea of Open source technology and software development with the help of open source software like PHP, Python, PERL, MYSQL etc.,
40.	IV – Skill Based Subject VI	Fruit and Vegetable Preservation Skills	• To understand the science, principles and techniques involved in fruits and vegetables preservation techniques. • To impart thorough knowledge on the technical skills in various aspects of food processing and preservation.
41.	IV – Skill Based Subject VI	Equipment Handling Skills for Events	• To impart the characteristics of various types of electrical and electronic equipments used in events. • To learn about the working, handling and troubleshooting skills on various electrical and electronic gadgets.

Programme Specific Outcomes :

- The M.Sc Computer Science is a two year programme offering subjects (courses) in curriculum to cover the Net/Set Examinations Syllabus.
- The objective of the programme is to brush up the student's algorithmic knowledge which is core needs of the any programme.
- This programme helps students to go to job with PG degree.
- Upon successful completion of the programme, students can find lucrative career opportunities in Software and Computer hardware related industry.
- In the end semester, a student completes a six month project to earn software development skill.

COURSE OUTCOME

Sl No	Course Name	Course Outcome
1.	Principles of Information Technology	• To acquire the knowledge of evolution of computers and to learn the basic ethics in the field of information technology. • To emphasize the knowledge and skills associated with the basic of computer education. • To enhance reading, writing, computing, communication and reasoning skills and apply them to the information technology environment.
2.	Programming in C	• To provide complete knowledge of C language. • Able to develop logics which will help them to create applications in C. Also by learning the programming constructs they can easily switch over to any other language in future.
3.	Data Structures & Algorithms	• Creating Better Model of Data Structures for Design Paradigms to Analyze the Performance of Algorithms yielding good Software Product. • Students are able to comprehend and select algorithm design approaches in a problem specific manner.
4.	Computer Fundamentals & Architecture	• The computer architecture concepts like Instruction Level Parallelism, Multiprocessor and thread level parallelism, memory hierarchy design and storage systems were explored.
5.	Programming in C Lab	• To provide exposure to problem-solving through programming. • To give the student hands-on experience with the concepts.
6.	Operating Systems	• Students will understand the operating system components and its services

		• Study and implement the algorithms in Process management, Memory management and File systems.
7.	Data Base Technology	• Students will learn about the Database models, Application of Database models and Emerging Trends. Analyze database requirements and determine the entities involved in the system and their relationship to one another.
8.	Java Programming	• Skill to design the applications of Java and applets for World Wide Web. Students from this course Learn basics of internet, Programming Internet and Managing files.
9.	Computer Networks	• Students will understand the working principles of various application protocols. • Acquire knowledge about security issues and services available.
10.	Java Programming Lab	• To provide sufficient training to develop projects with object oriented concepts.
11.	Resource Management Techniques	• Understand the theory of optimization methods and algorithms developed for solving various types of optimization problems formulate optimization problems and apply the concept of optimality criteria for various types of optimization problems. • Solve various constrained and unconstrained problems in single variable as well as multivariable and apply the methods of optimization in real life situation and develop and promote research interest in applying optimization techniques in problems.
12.	Fundamentals of Grid & Cloud Computing	• Student possesses Knowledge of Parallel Computing and Utilization of Shared resources. • Develop and deploy cloud application using popular cloud platforms. Design and develop highly scalable cloud- based applications by creating and configuring virtual machines on the cloud and building private cloud.
13.	Principles of Compiler Design	• Specification of languages and its relation to automata, lexical analysis, finite state machines, context free languages, LL and LR parsing methods, syntax directed translation, error recovery, code generation, and portability. • Ability to develop a large, complex, but well-structured software system that implements various phases of a compiler such as the scanner, parser, code generator, and optimizer.
14.	Software Engineering	• Students will understand the problem domain for developing various models of software Engineering. • They are able to measure the product and process performance using various metrics and evaluate a system using various testing techniques and strategies.

15.	Visual Programming	• Students will the concepts and design the solution to a problem using VB. Net. • They also understand and implement the features of .Net for providing programmed solutions to complex problems.
16.	Visual Programming Lab	• Training to understand and implement the event driven programming and providing a solution using VB.NET, C# and ASP.NET. • Create applications that use ADO. NET.
17.	Web Technology	• Students will explore markup languages features and create interactive web pages using them. • They will also learn and design Client side validation using scripting languages and acquire knowledge about Open source JavaScript libraries.
18.	Data Mining and Warehousing	• Functionality of various data mining and data warehousing components. • Compare different approaches of data ware housing and data mining with various technologies. • Learn Design of Data Store of Warehousing, Retrieving and Mining Information of Warehouse.
19.	Project Work	• Students will undertake a small project, under supervision, that in area of computing of mutual interest to the student. After successful completion able to identify, analyze, formulate and handle programming projects with a comprehensive and systematic approach and contribute as an individual or in a team in development of technical projects.

DEPARTMENT OF INFORMATION TECHNOLOGY

UG PROGRAMME - B.Sc.,(INFORMATION TECHNOLOGY)

Programme Specific Outcomes

- **To equip students with cutting-edge skills in the field of technologies to face challenges of modern computing industry, in order to make them technically greater and ethically strong with bright future**
- **To shape the students into novel and high quality IT professionals to meet the global challenges**

COURSE OUTCOME

Sl No	Part	Subject Name	Course Outcome
I SEMESTER			
1.	I - Tamil	தற்கால கவிதையும் உரைநடையும்	• கவிதைக் களங்களின் அழகியலை உணர்த்தி தமிழ் மொழியின் முக்கியத்துவத்தை அறியச் செய்தல்.
2.	II-English	English For Enrichment – I	• Strengthen the students' basic reading of prose and poetry. • Improve verbal communication skills.
3.	III - Core I	Principles of Information Technology	• To acquire the knowledge of evolution of computers and to learn the basic ethics in the field of information technology.
4.	III - Core II	Office Automation Lab	• To train in document creation and presentation.
5.	III - Allied I	Fundamentals of computer	• Define and distinguish Hardware and Software components of computer system.
6.	IV - Non Major Elective I	Communicative English	• To enable each learner at the college level to communicate effectively in English both in the spoken and in the written mode.
II SEMESTER			
7.	I – Tamil	இடைக்கால இலக்கியமும் சிறுகதையும்	• பக்தி நெறிகளின் மேம்பாட்டினை உணர்த்தி, திருத்தலங்களை அறியச்செய்தல்
8.	II-English	English For Enrichment – II	• Get acquainted with simple Prose and Poetry. • Have an appreciable understanding of English Grammar.

9.	III-Core III	Programming in C and Data Structures	• Illustrate and design flowchart and algorithm for a given problem. • Ability to work with textual information, characters and strings, arrays etc.. and to develop C programs with the help of fundamental data structures.
10.	III- Core IV	Data Structures using C Lab	• To train in procedural programming skills using C and implementing data structures with C.
11.	III-Allied II	Desktop Publishing	• Enhancing their creative skills for effective publications such as Advertisements, Flyers and Reports through Photoshop and Corel draw.
12.	IV- Environmental Studies	Environmental Studies	• Understand the breadth and interdisciplinary nature of environmental issues. • Formulate an action plan for sustainable alternatives that integrate science, humanist, and social perspectives.
III SEMESTER			
13.	I – Tamil	காப்பியமும் புதினமும்	• புராண, தொன்மையான தொடர் நிலைச் செய்யுள்களின் வழி, வாழ்வியல் சிக்கல்களுக்குத் தீர்வு காட்டுதல்.
14.	II - English	English For Enrichment - III	• Get acquainted with short stories in English and to make them enjoy and appreciate the pieces. • Understand the salient features of One – Act Plays. • Acquire proficiency in LSRW skills and communicate effectively.
15.	III- Core V	Java Programming	• Gain knowledge about basic Java language syntax and semantics to write Java programs and to understand the object oriented programming in JAVA.
16.	III- Core VI	Java Programming Lab	• To provide sufficient training to develop projects with object oriented concepts.
17.	III- Allied III	Ancillary Mathematics III	• To understand the basic concepts of Differential equations, Laplace transformation and Numerical differentiation and integration.
18.	IV- Non Major Elective II	Effective Employability Skills	• To train them in preparing the Curriculum Vitae and to face the interview.
19.	IV- Skill Based Subject I	Competitive Examination Skills	• To build a sense of awareness among students through proper guidance about various competitive examinations in order to motivate students for prospective career in government and corporate sector.

			• To intensively guide students for competitive examinations like TNPSC, UPSC, SSC, RRB, IBPS etc.
20.	V	Extension Activities	• Knowing the locational advantages and disadvantages. • Developing the social responsibility among the students.

IV SEMESTER			
21.	I – Tamil	பண்டை இலக்கியமும் நாடகமும்	• சங்க காலத் தமிழரின் பண்பாடு, கலாச்சாரங்களை அறியச் செய்தல்
22.	II- English	English For Enrichment - IV	• Apprehend a concise view of Shakespeare's plays. • Make the students' enhance their knowledge in grammar and its usages.
23.	III - Core VII	Open source Software	• To understand a basic idea of Open source technology and software development with the help of open source software like PHP, Python, PERL, MYSQL etc.,.
24.	III - Core VIII	Open Source Lab	• To train in developing applications using open source software.
25.	III- Allied IV	Optimization Techniques	• Enabling the students to formulate a physical situation into a Linear Programming Problem and solve using Simplex algorithms. • Understand the techniques of optimization for linear and non-linear problems.
26.	IV- Yoga	Manavalakalai Yoga	• To train and develop the physical body for leading a healthy life. • To rejuvenate the life energy, to retard the ageing process and to achieve spiritual development. • To offer meditation practices and introspection so as to strengthen the mind, increase its will power, concentration, creativity and receptivity and ultimately to transform the mind to achieve self realization. • To help every individual to realize the enduring values of peace, non-violence and harmony to revitalize human society for restoring its sanity and strength.
27.	IV -Skill Based Subject II	Skill Based Subject- Emergency And Medical Lab Skills	• To recognize the nature and seriousness of the patient's condition or extent of injuries to assess requirements for emergency medical care. • Administer appropriate emergency medical care based on assessment findings of the patient's condition.

			• To Perform safely and effectively the expectations of the job.
		V SEMESTER	
28.	III- Core IX	Database Management Systems	• Enabling the students to understand the designing and implementation of a database for a given problem and to organize, maintain and retrieve information from a database efficiently and effectively.
29.	III- Core X	Visual Programming Lab	• Training to understand and implement the event driven programming and providing a solution using VB.NET, C# and ASP.NET.
30.	III- Core XI	Visual Programming	• To familiar with the fundamental principles of event-driven programming, recognize its advantages and be able to use the features of an integrated development environment.
31.	III- Elective I	Computer Graphics	• To introduce the use of a components of the graphics system. • To become familiar with building approach of graphics system components and algorithms related with them.
32.	III- Elective II	Computer Networks	• To understand the basic concepts of networking and identify the different types of networks. • To be familiar with contemporary issues in networking technologies.
33.	IV- Skill Based Subject III	Heritage And Tourism	• To understand the definitions, terminology and concepts of cultural heritage and its relationships with tourism. • To understand heritage tourism supply by examining different categories of heritage attractions and the contexts within which heritage exists and additional perspectives on scale from the supply perspective. • To understand the role of interpretation in cultural heritage sites and the relevance of such interpretation approaches to visitors. • Provide a framework to plan, design, and assess interpretation programs for tourists.
34.	IV- Skill Based Subject IV	Marketing and Sales Management	• To acquire analytical skills for solving marketing related problems and challenges and to familiar with the strategic marketing management process. • To learn the elements of sales force to be an effective component of an organization's overall marketing strategy.

VI SEMESTER			
35.	III- Core XII	Software Engineering	• To understand the techniques in Analysing, Designing, Implementing, Testing and maintaining a software product.
36.	III- Core XIII	Operating System & System Software	• To understand the basic components of a computer operating system, and the interactions among the various components. • To distinguish between Operating Systems software and Application Systems software. • To understand the functionalities of assembler, loader and linker.
37.	III -Core XIV	Principles of Multimedia	• To understand the principles of different media that can be processed and presented by computers. • To understand various applications of multimedia.
38.	III -Core XV	Project	• To identify and finalize problem statement by surveying variety of domains. To present technical report by applying different visualization tools and Evaluation metrics.
39.	III -Elective III	Mobile Communication	• To understand the basic concepts of wireless networks and generations of mobile communications.
40.	IV- Skill Based Subject V	Fruit And Vegetable Preservation Skills	• To understand the science, principles and techniques involved in fruits and vegetables preservation techniques. • To impart thorough knowledge on the technical skills in various aspects of food processing and preservation.
41.	IV- Skill Based Subject VI	Equipment Handling Skills For Events	• To impart the characteristics of various types of electrical and electronic equipments used in events. • To learn about the working, handling and troubleshooting skills on various electrical and electronic gadgets.

UG PROGRAMME – B.C.A.,

Programme Specific Outcomes

- To evolve the Students to understand, gain knowledge in computing technologies. To nurture them to understand the latest trends in technology. To pursue their career in corporate sector or IT sector.
- Prepare the students to work professionally pertaining to ethics of Computer Application.
- The program aims to educate students in Computer Application with emphasis on hands-on practical training in software development.

COURSE OUTCOME

Sl No	Part	Subject Name	Course Outcome
		I SEMESTER	
1.	I – Tamil	தற்கால கவிதையும் உரைநடையும்	• கவிதைக் களங்களின் அழகியலை உணர்த்தி தமிழ் மொழியின் முக்கியத்துவத்தை அறியச் செய்தல்.
2.	II-English	**English For Enrichment – I**	• Strengthen the students' basic reading of prose and poetry. • Improve verbal communication skills.
3.	III- Core I	**C and Data Structure**	• Illustrate and design flowchart and algorithm for a given problem. • Ability to work with textual information, characters and strings, arrays etc., and to develop C programs with the help of fundamental data structures.
4.	III -Core II	**C and Data Structure Lab**	• To train in procedural programming skills using C and implementing data structures with C.
5.	III -Allied I	**Fundamentals of computer**	• Define and distinguish Hardware and Software components of computer system.
6.	IV- Non Major Elective I	**Communicative English**	• To enable each learner at the college level to communicate effectively in English both in the spoken and in the written mode.
		II SEMESTER	
7.	I – Tamil	இடைக்கால இலக்கியமும் சிறுகதையும்	• பக்தி நெறிகளின் மேம்பாட்டினை உணர்த்தி, திருத்தலங்களை அறியச் செய்தல்.

8.	II-English	English For Enrichment – II	• Get acquainted with simple Prose and Poetry. • Have an appreciable understanding of English Grammar.
9.	III- Core III	Programming in C++	• To develop an in-depth understanding of functional, logic, and object-oriented programming paradigms.
10.	III- Core IV	Programming in C++ Lab	• To train the object oriented concepts for implementation.
11.	III -Allied II	Desktop Publishing	• Enhancing their creative skills for effective publications such as Advertisements, Flyers and Reports through Photoshop and Corel draw.
12.	IV-Environmental Studies	Environmental Studies	• Understand the breadth and interdisciplinary nature of environmental issues. • Formulate an action plan for sustainable alternatives that integrate science, humanist, and social perspectives.
III SEMESTER			
13.	I – Tamil	காப்பியமும் புதினமும்	• புராண, தொன்மையான தொடர் நிலைச் செய்யுள்களின் வழி, வாழ்வியல் சிக்கல்களுக்குத் தீர்வு காட்டுதல்.
14.	II-English	English For Enrichment - III	• Get acquainted with short stories in English and to make them enjoy and appreciate the pieces. • Understand the salient features of One – Act Plays. • Acquire proficiency in LSRW skills and communicate effectively.
15.	III- Core V	Database Management Systems	• Enabling the students to understand the designing and implementation of a database for a given problem and to organize, maintain and retrieve information from a database efficiently and effectively.
16.	III- Core VI	Oracle Lab	• Training in creating a data base and retrieving the required data from the data base.
17.	III- Allied III	Discrete Mathematics	• Making the students to realize and find that there are multiple solutions to a given problem. • Applying logical reasoning to solve a variety of problems.

18.	IV- Non Major Elective II	Effective Employability Skills	• To train them in preparing the Curriculum Vitae and to face the interview.
19.	IV- Skill Based Subject I	Competitive Examination Skills	• To build a sense of awareness among students through proper guidance about various competitive examinations in order to motivate students for prospective career in government and corporate sector. • To intensively guide students for competitive examinations like TNPSC, UPSC, SSC, RRB, IBPS etc.
20.	V	Extension Activities	• Knowing the locational advantages and disadvantages. • Developing the social responsibility among the students.
		IV SEMESTER	
21.	I – Tamil	பண்டை இலக்கியமும் நாடகமும்	• சங்க காலத் தமிழரின் பண்பாடு, கலாச்சாரங்களை அறியச் செய்தல்.
22.	II-English	English For Enrichment - IV	• Apprehend a concise view of Shakespeare's plays. • Make the students' enhance their knowledge in grammar and its usages.
23.	III- Core VII	Java Programming	• Gain knowledge about basic Java language syntax and semantics to write Java programs and to understand the object oriented programming in JAVA.
24.	III -Core VIII	Java Programming Lab	• To provide sufficient training to develop projects with object oriented concepts.
25.	III - Allied IV	Operation Research	• Enabling the students to formulate a physical situation into a Linear Programming Problem and solve using Simplex algorithms. • Understand the techniques of optimization for linear and non-linear problems.
26.	IV- Yoga	Manavalakalai Yoga	• To train and develop the physical body for leading a healthy life. • To rejuvenate the life energy, to retard the ageing process and to achieve spiritual development. • To offer meditation practices and introspection so as to strengthen the mind, increase its will power, concentration, creativity and receptivity and ultimately to transform the mind to achieve self realization.

			• To help every individual to realize the enduring values of peace, non-violence and harmony to revitalize human society for restoring its sanity and strength.
27.	IV- Skill Based Subject II	Emergency And Medical Lab Skills	• To recognize the nature and seriousness of the patient's condition or extent of injuries to assess requirements for emergency medical care. • Administer appropriate emergency medical care based on assessment findings of the patient's condition. • To Perform safely and effectively the expectations of the job.
		V SEMESTER	
28.	III- Core IX	Dot NET Programming	• To familiar with the fundamental principles of event-driven programming, recognize its advantages and be able to use the features of an integrated development environment.
29.	III- Core X	Dot NET Programming Lab	• Training to understand and implement the event driven programming and providing a solution using VB.NET.
30.	III- Core XI	Computer System Architecture	• To understand the basic architecture of a computer, memory and Input / Output organization in a computer system.
31.	III- Elective I	Web Design Technology	• Understand, analyze and apply the role of languages like HTML, CSS, XML, and JavaScript to create a web page.
32.	III- Elective II	Operating System	• To understand the basic components of a computer operating system, and the interactions among the various components. • To gain knowledge about the policies for scheduling, deadlocks, memory management, synchronization, system calls, and file systems.
33.	IV- Skill Based Subject III	Heritage And Tourism	• To understand the definitions, terminology and concepts of cultural heritage and its relationships with tourism. • To understand heritage tourism supply by examining different categories of heritage attractions and the contexts within which heritage exists and additional perspectives on scale from the supply perspective.

			• **To understand the role of interpretation in cultural heritage sites and the relevance of such interpretation approaches to visitors.** • **Provide a framework to plan, design, and assess interpretation programs for tourists.**
34.	IV- Skill Based Subject IV	**Marketing And Sales Management**	• **To acquire analytical skills for solving marketing related problems and challenges and to familiar with the strategic marketing management process.** • **To learn the elements of sales force to be an effective component of an organization's overall marketing strategy.**
		VI SEMESTER	
35.	III- Core XII	**Data Mining and Data warehousing**	• **Be acquainted with the tools and techniques used for Knowledge Discovery in Databases.**
36.	III- Core XIII	**Computer Networks**	• **To understand the basic concepts of networking and identify the different types of networks.** • **To be familiar with contemporary issues in networking technologies.**
37.	III- Core XIV	**Software Engineering**	• **To understand the techniques in Analysing, Designing, Implementing, Testing and maintaining a software product.**
38.	III -Core XV	**Project**	• **To identify and finalize problem statement by surveying variety of domains. To present technical report by applying different visualization tools and Evaluation metrics.**
39.	III- Elective III	**Open Source Lab**	• **To train in developing applications using open source software.**
40.	IV- Skill Based Subject V	**Fruit And Vegetable Preservation Skills**	• **To understand the science, principles and techniques involved in fruits and vegetables preservation techniques.** • **To impart thorough knowledge on the technical skills in various aspects of food processing and preservation.**
41.	IV -Skill Based Subject VI	**Equipment Handling Skills For Events**	• **To impart the characteristics of various types of electrical and electronic equipments used in events.** • **To learn about the working, handling and troubleshooting skills on various electrical and electronic gadgets.**

DEPARTMENT OF COMMERCE

UG PROGRAMME - B.Com.,

Programme specific outcomes

- **Enable them to attain the basic knowledge of commercial activities like Accounting, Auditing, Income Tax etc.,.**
- **Understanding the basic concept of banking and marketing.**
- **Giving confidence and the theoretical support to pursue higher education or to become an entrepreneur**.

COURSE OUTCOME

Sl No	Part	Subject Name	Course Outcome
		I SEMESTER	
1.	I	**Vaniga Kadithangal**	• **Enhancing their knowledge in effective business correspondence and communications.**
2.	II - English	**English for Enrichment - I**	• **Strengthen the students' basic reading of prose and poetry.** • **Improve verbal communication skills.**
3.	III - Core I	**Advanced Accountancy– I**	• **Understanding the basic concept of accountancy and preparing the financial statement.**
4.	III - Core II	**Business Organisation**	• **Understanding the different forms of business organisation.**
5.	III – Allied I	**Fundamentals of Computer**	• **Introducing the fundamental concepts of computers.**
6.	IV – Non Major Elective I	**Communicative English**	• **To enable each learner at the college level to communicate effectively in English both in the spoken and in the written mode.**
		II SEMESTER	
7.	I	**Aluvalaga Melanmai**	• **Training in preparing office documents and maintaining the records.**
8.	II - English	**English for Enrichment - II**	• **Get acquainted with simple Prose and Poetry.** • **Have an appreciable understanding of English Grammar.**
9.	III - Core III	**Advanced Accountancy–II**	• **Understanding the concepts of consignment, joint venture, single entry system and accounting concepts of fire insurance.**

10.	III - Core IV	Marketing	• Understanding the ideas about market and its functions.
11.	III - Allied II	Desktop Publishing	• Enhancing their creative skills for Effective publications such as Advertisements, Flyers and Reports through Photoshop and Corel draw.
12.	IV – Environmental Studies	Environmental Studies	• Understand the breadth and interdisciplinary nature of environmental issues. • Formulate an action plan for sustainable alternatives that integrate science, humanist, and social perspectives.
		III SEMESTER	
13.	III - Core V	Principles of Insurance	• Understanding the principles of Life Insurance and General Insurance.
14.	III - Core VI	Banking Theory	• To attain the knowledge in commercial banking system and its products.
15.	III - Core VII	Business Statistics	• To attain the knowledge of statistical tools applicable to business.
16.	III – Core VIII	Advanced Accountancy-III	• Enabling the students to understand partnership account from admission to dissolution.
17.	III - Allied III	Advertising and Sales Promotion	• Enabling the students to understand the usage of advertising as a marketing tool and promoting the sales.
18.	IV – Non Major Elective II	Effective Employability Skills	• To train them in preparing the Curriculum Vitae and to face the interview.
19.	IV – Skill Based Subject I	Competitive Examination Skills	• To build a sense of awareness among students through proper guidance about various competitive examinations in order to motivate students for prospective career in government and corporate sector. • To intensively guide students for competitive examinations like TNPSC, UPSC, SSC, RRB, IBPS etc.
20.	V	Extension Activities	• Knowing the locational advantages and disadvantages. • Developing the social responsibility among the students.

IV SEMESTER			
21.	III – Core IX	Principles of Management	• Introducing the concept and evolution of management thoughts and organisation structure.
22.	III - Core X	Banking Law and Practice	• Understanding the Banking acts and methods of payments in Core Banking system.
23.	III – Core XI	Business Mathematics	• Understanding the business mathematical concepts that are encountered in the business world.
24.	III – Core XII	Advanced Accountancy–IV	• Enabling the students to understand and prepare the Contract account, Royalty Account, and Hire Purchase account.
25.	III – Allied IV	Customer Relationship Management	• Understanding the Strategy and Organization of CRM.
26.	IV – Yoga	Manavalakalai Yoga	• To train and develop the physical body for leading a healthy life. • To rejuvenate the life energy, to retard the ageing process and to achieve spiritual development. • To offer meditation practices and introspection so as to strengthen the mind, increase its will power, concentration, creativity and receptivity and ultimately to transform the mind to achieve self realization. • To help every individual to realize the enduring values of peace, non-violence and harmony to revitalize human society for restoring its sanity and strength.
27.	IV – Skill Based Subject II	Emergency and Medical Lab Skills	• To recognize the nature and seriousness of the patient's condition or extent of injuries to assess requirements for emergency medical care. • Administer appropriate emergency medical care based on assessment findings of the patient's condition. • To Perform safely and effectively the expectations of the job.
V SEMESTER			
28.	III - Core XIII	Corporate Accounting	• Understanding the features of Shares and Debentures, internal reconstruction and exposure to the company final accounts.

29.	III - Core XIV	Costing	• Training them to identify material control, labour, overheads, process cost and prepare cost sheet.
30.	III - Core XV	Commercial Law	• Understanding the basic ideas about various contracts in business law.
31.	III - Elective I	Income Tax I	• Understanding the basic concept of Income Tax and to familiarize the different heads of income.
32.	IV – Skill Based Subject III	Heritage and Tourism	• To understand the definitions, terminology and concepts of cultural heritage and its relationships with tourism. • To understand heritage tourism supply by examining different categories of heritage attractions and the contexts within which heritage exists and additional perspectives on scale from the supply perspective. • To understand the role of interpretation in cultural heritage sites and the relevance of such interpretation approaches to visitors. • Provide a framework to plan, design, and assess interpretation programs for tourists.
33.	IV - Skill Based Subject IV	Marketing and Sales Management	• To acquire analytical skills for solving marketing related problems and challenges and to familiar with the strategic marketing management process. • To learn the elements of sales force to be an effective component of an organization's overall marketing strategy.
VI SEMESTER			
34.	III - Core XVI	Special Accounts	• Creating awareness about accounts of banking and insurance companies.
35.	III - Core XVII	Management Accounting	• Enabling them to understand fund flow, cash flow and ratio analysis.
36.	III - Core XVIII	Industrial Law	• To attain the basic ideas about various acts in industrial law.
37.	III - Elective II	Income Tax II	• To understand "set-off and carry forward of losses" and to determine the concept of assessment.
38.	III - Elective III	Entrepreneurship Development	• To attain the basic knowledge of Entrepreneurship Development.

39.	IV - Skill Based Subject V	Fruit and Vegetable Preservation Skills	• To understand the science, principles and techniques involved in fruits and vegetables preservation techniques • To impart thorough knowledge on the technical skills in various aspects of food processing and preservation.
40.	IV - Skill Based Subject VI	Equipment Handling Skills for Events	• To impart the characteristics of various types of electrical and electronic equipments used in events • To learn about the working, handling and troubleshooting skills on various electrical and electronic gadgets.

<u>PG PROGRAMME - M.Com (CA)</u>

<u>Programme specific outcomes</u>

- Students should become employees/ Consultants in production/service enterprises or employment providers by becoming entrepreneurs and taxation experts.
- Training to develop and handle computer applications for small business process

<u>COURSE OUTCOME</u>

Sl No	Course Name	Course Outcome
1.	Management Practice	• Identifying the conceptual frame-work of Management as a discipline of study. • Practice Management with niche/nuances as to Planning, Organizing, Directing, Coordinating and Controlling in Domestic/Global settings of business and non-for-profit organizations. • Enlighten Employees/Team Members/Students and even Public on the principles and practices of management. • Apply Strategic Alliances, Core competence, Business Process, Total Quality Management and Bench marking in day-to-day format in every walk of life.
2.	Financial Accounting and Reporting	• Plan the financial accounting concept and conventions. • Learn the depreciation and methods and hire purchase and instalment system. • Learn the Accounting from incomplete records. • Learn the concept of company accounts. • Evaluate the Accounting for valuation of Goodwill.
3.	Marketing Management	• Understand the concepts of marketing, Types and importance of marketing mix. • Determine factors of determining consumer behaviour and design marketing policies accordingly. • Design product mix, price mix, place mix and promotion mix according to expectations of consumers and changes in the marketing environment.
4.	Business Information Technology	• Understand the concepts and significance of business information Technology. • Practical knowledge of MS Office. • Understand the Application of Information Technology in E Business.

5.	Data Structures and C	• Capable to write the programs using structures, strings, arrays, pointers and strings for solving complex computational problem. • Using the Data structures for Real time applications and are able to analyze the efficiency of Data Structures.
6.	Business Research Methodology	• Understand about the qualitative and quantitative research, identification of research problem, literature review and formulation of hypothesis. • Comprehend about research design, exploratory, descriptive and experimental method of research. • Practically exposed to internet sources, pilot survey, case study method and field survey method. • Inscription of complete research report, analysis and interpretation of data.
7.	Financial Management	• To understand the concept of financial management techniques. • To know the cost of capital and capital structure. • Understand the working capital concepts as well as to know the working capital policies. • Understand the concepts relating to capital budgeting, leverage and dividend theories.
8.	Management Accounting	• Plan the management accounting objectives and difference between financial and management accounting. • Learn the types of accounting ratios, common size statement, trend percentages. • Realize the case flow and funds flow, responsibility accounting. • Learn the budget and nature, process, type of budget.
9.	E-Business – Models and Practice	• Understand the various e-business models and their applications. • Learn the process of electronic fund transfer from banks. • Made payments through e-payment alternatives. • Understand the applications of enterprises.
10.	Data Base Management System	• Understanding the concept of data base system application, data models, and management systems. • Learn the Forms of basic SQL Query, Normal Forms and transaction concept. • Get Knowledge about indexing on external Storage.
11.	Practical Cost Accounting	• Understand the concept of cost and compute cost for the products produced by manufacturing enterprises. • Comprehend the applications of various methods of existing used in manufacturing and service sector organizations. • Apply cost control techniques for cost reaction and control in business enterprises.

		• Become an adviser for the process, methods and techniques of costing in business enterprises.
12.	**Innovation and Entrepreneurship**	• **Plan and implement the entrepreneurship importance, entrepreneurial qualities, innovation and risk taking.** • **Learn the types of entrepreneurs, entrepreneurial environment.** • **Realize the role and function of institutional agencies in entrepreneurship development and to select Government Schemes.** • **Learn the formulating and launching entrepreneurial ventures.**
13.	**Quantitative Methods**	• **Understand the Linear programming and transportation algorithm.** • **Get knowledge about Binomial, Poisson and Normal Distributions.** • **Understand the Simulation and Queuing methods.** • **Understand the real life scenario in Quantitative methods.**
14.	**Practical Computerized Accounting**	• **Understanding the knowledge of accounting packages in India.** • **To know about the creation of company, groups, ledger and voucher.** • **To expose the practical knowledge in tally, for the preparation of inventory reports and Accounting reports.**
15.	**Visual Programming : VB and VC++**	• **Understand the concepts of VB and VC++.** • **Gain the programming knowledge in Visual basic.** • **To learn the realistic applications of object oriented software systems using Visual C++ programming.**
16.	**Income Tax Law and Practice**	• **Understand the sources of income generated from the income tax by the government.** • **Gain the knowledge about plan for tax they become a future employee.** • **Know the rate income tax from the various assessee.** • **Got the knowledge of the responsibility of the income tax assessee.** • **Know the number of taxable assessee and the nature of residential status of them.**
17.	**Human Resource Management**	• **Learn the functions of Human Resource Management.** • **To know about the knowledge of HR Planning, recruitment, selection, training and development.** • **Understanding the wages, salary and administration.**
18.	**Enterprise Resource Planning**	• **Understanding the concept of ERP market structure.** • **To gain the knowledge about ERP applications and business perspective.**

		• **Understanding the ERP implementation life cycle and future directions.**
19.	**Computer Networks**	• **To understand the working principles of various application protocols.** • **To gain the knowledge about different types of layers.** • **Acquire knowledge about security issues and services available.**

DEPARTMENT OF COMMERCE (CA)

UG PROGRAMME – B.Com(CA)

Programme Specific Outcomes

- Enabling them to acquire the basic knowledge in the activities like accountancy, auditing, income tax and fundamentals of computer including tally.
- Training in E-Commerce applications
- Providing core knowledge and skill exposure for continuing their higher studies

COURSE OUTCOME

Sl No	Part	Subject Name	Course Outcome
		I SEMESTER	
1.	I	**Vaniga kadithangal**	• Enhancing their knowledge in effective business correspondence and communications.
2.	II - English	**English For Enrichment – I**	• Strengthen the students' basic reading of prose and poetry. • Improve verbal communication skills.
3.	III – Core I	**Advanced Accountancy– I**	• Understanding the basic concept of accountancy and preparing the financial statement.
4.	III – Core II	**Relational Database Management System (RDBMS)**	• Introducing the use of SQL - the standard language of relational databases.
5.	III – Allied I	**Fundamentals of Computer**	• Introducing the fundamental concepts of computers.
6.	IV – Non Major Elective I	**Communicative English**	• To enable each learner at the college level to communicate effectively in English both in the spoken and in the written mode.
		II SEMESTER	
7.	I	**Aluvalaga Melanmai**	• Training in preparing office documents and maintaining the records.
8.	II - English	**English For Enrichment – II**	• Get acquainted with simple Prose and Poetry. • Have an appreciable understanding of English Grammar.

9.	III - Core III	Advanced Accountancy – II	• Understanding the concepts of consignment, joint venture, single entry system and accounting concepts of fire insurance.
10.	III - Core IV	Computer Networks	• To attain the knowledge of the different components in a communication system and their respective roles.
11.	III – Allied II	Desktop Publishing	• Enhancing their creative skills for Effective publications such as Advertisements, Flyers and Reports through Photoshop and CorelDraw.
12.	IV – Environmental Studies	Environmental Studies	• Understand the breadth and interdisciplinary nature of environmental issues. • Formulate an action plan for sustainable alternatives that integrate science, humanist, and social perspectives.
III SEMESTER			
13.	III - Core V	Tally	• Training them to work with the accounting software Tally.
14.	III - Core VI	C Programming	• Making them to understand the concepts of programming and training to develop programs in C language.
15.	III - Core VII	Business Statistics	• To attain the knowledge of statistical tools applicable to business.
16.	III - Core VIII	Advanced Accountancy- III	• Enabling the students to understand partnership account from admission to dissolution.
17.	III - Allied III	Advertising and Sales Promotion	• Enabling the students to understand the usage of advertising as a marketing tool and promoting the sales.
18.	IV – Non Major Elective II	Effective Employability Skills	• To train them in preparing the Curriculum Vitae and to face the interview.
19.	IV - Skill Based Subject I	Competitive Examination Skills	• To build a sense of awareness among students through proper guidance about various competitive examinations in order to motivate students for prospective career in government and corporate sector. • To intensively guide students for competitive examinations like TNPSC, UPSC, SSC, RRB, IBPS etc.
20.	V	Extension Activities	• Knowing the locational advantages and disadvantages. • Developing the social responsibility among the students.

		IV SEMESTER	
21.	III - Core IX	E-Commerce and Internet	• Introducing the concepts of internet and E-Commerce.
22.	III - Core X	C++ Programming	• Developing their program skill by introducing object oriented programming features of C++.
23.	III – Core XI	Advanced Accountancy- IV	• Enabling the students to understand and prepare the Contract account, Royalty Account, and Hire Purchase account.
24.	III - Core XII	Business Mathematics	• Understanding the business mathematical concepts that are encountered in the business world.
25.	III - Allied IV	Customer Relationship Management	• Understanding the Strategy and Organization of CRM.
26.	IV - Yoga	Manavalakalai Yoga	• To train and develop the physical body for leading a healthy life. • To rejuvenate the life energy, to retard the ageing process and to achieve spiritual development. • To offer meditation practices and introspection so as to strengthen the mind, increase its will power, concentration, creativity and receptivity and ultimately to transform the mind to achieve self realization. • To help every individual to realize the enduring values of peace, non-violence and harmony to revitalize human society for restoring its sanity and strength.
27.	IV- Skill Based Subject II	Emergency And Medical Lab Skills	• To recognize the nature and seriousness of the patient's condition or extent of injuries to assess requirements for emergency medical care. • Administer appropriate emergency medical care based on assessment findings of the patient's condition. • To Perform safely and effectively the expectations of the job.
		V SEMESTER	
28.	III - Core XIII	Corporate Accounting	• Understanding the features of Shares and Debentures, internal reconstruction and exposure to the company final accounts.
29.	III - Core XIV	Income Tax Law & Practice- I	• Understanding the basic concept of Income Tax and to familiarize the different heads of income.

30.	III - Elective I	Web Technologies	• Training the students to develop a webpage using java script and HTML.
31.	III - Elective II	Cost Accounting	• Training them to identify material control, labour, overheads, process cost and prepare cost sheet.
32.	IV - Skill Based Subject III	Heritage and Tourism	• To understand the definitions, terminology and concepts of cultural heritage and its relationships with tourism. • To understand heritage tourism supply by examining different categories of heritage attractions and the contexts within which heritage exists and additional perspectives on scale from the supply perspective. • To understand the role of interpretation in cultural heritage sites and the relevance of such interpretation approaches to visitors. • Provide a framework to plan, design, and assess interpretation programs for tourists.
33.	IV - Skill Based Subject IV	Marketing and Sales Management	• To acquire analytical skills for solving marketing related problems and challenges and to familiar with the strategic marketing management process. • To learn the elements of sales force to be an effective component of an organization's overall marketing strategy.
		VI SEMESTER	
34.	III - Core XV	Java Programming	• Training to develop Java programs.
35.	III - Core XVI	Income Tax Law & Practice- II	• To understand "set-off and carry forward of losses" and to determine the concept of assessment.
36.	III - Core XVII	Special Accounts	• Creating awareness about accounts of banking and insurance companies.
37.	III - Core XVIII	Management Accountancy	• Enabling them to understand fund flow, cash flow and ratio analysis.
38.	III - Elective III	Dot Net Programming	• Understanding the basic knowledge of programming with Integrated Development Environment.
39.	IV - Skill Based	Fruit and Vegetable Preservation Skills	• To understand the science, principles and techniques involved in fruits and

	Subject V		vegetables preservation techniques.
			• To impart thorough knowledge on the technical skills in various aspects of food processing and preservation.
40.	IV - Skill Based Subject VI	Equipment Handling Skills For Events	• To impart the characteristics of various types of electrical and electronic equipments used in events.
			• To learn about the working, handling and troubleshooting skills on various electrical and electronic gadgets.

CERTIFICATE COURSE SPECIFIC OUTCOMES

- Delivers an assessment based on industry knowledge, independent from training courses or course providers.
- Grants a time-limited additional credential to all the students.
- To make them to know the recent topics beyond the curriculum.
- Introducing the online courses to help them to continue their future studies.
- Help them to enrich her knowledge in her subject of interest.
- Opportunities for students to enhance skills.

Sl No	Course Name	Course Outcome
1.	**Tholliyal**	• கல்வெட்டு எழுத்துக்களை அறிமுகப்படுத்தி தொல்லியல் துறையில் பணியாற்றும் வாய்ப்பிற்கு மாணவிகளை உருவாக்குவது.
2.	**Idhazhiyal**	• பத்திரிக்கைத் துறையின் நுணுக்கங்களைக் கற்று கொள்ளுதல். • இதழை உருவாக்க அறிந்து கொள்ளுதல்
3.	**Interpersonal and Leadership Skills**	• To recognize the ethical dimensions of interpersonal communication. • To evaluate listening habits and practice effective presentation skills. • To enrich the employability skills and team-building ability.
4.	**Logical Reasoning**	• To enable the students to analyse arguments and to reach conclusion based on perceived patterns observed in specific events.
5.	**Competitive Mathematics**	• To enhance computation skills among students and increase strategic thinking and smart work.
6.	**Optronics**	• Analyze the intensity variation of light due to Polarization, interference and diffraction • Apply skill to find the wavelength of spectral lines using Plane diffraction grating • Distinguish the methods of polarization by reflection, refraction and scattering • Understand operation of semiconductor devices. • Understand number representation and conversion between different representations in digital electronic circuits.

		• Analyze logic processes and implement logical operations using combinational logic circuits.
7.	**Armamentorium & Computer Basics**	• **Demonstrate a basic understanding of computer hardware and software.**
8.	**Basics of Web programming**	• **Understand, analyze and apply the role of languages like HTML, CSS to create a web page.**
9.	**Office Automation & DTP**	• **Ability to create documents, spreadsheets, small presentations and to be acquainted with internet.** • **Enhancing their creative skills for effective publications such as advertisements, invitation, posters through Photoshop and Corel draw.**
10.	**Digital Logic Fundamental**	• **Explore the basic components of a digital computer and their functions.**
11.	**C & Web Programming**	• **Basic knowledge of computing fundamentals.** • **Ability to develop simple C programs.** • **To learn to write, test, and debug web pages using HTML.**
12.	**Relationship Management**	• **To understand the Strategy and organization of Relationship Management.** • **Relationship theory from the point of view of customer and organisation.**
13.	**Direct Taxes**	• **To introduce the basic concept of Income Tax.**
14.	**Promoters Skill and Development**	• **Learn how to start an enterprise and design business plans that are suitable for funding by considering all dimensions of business.**
15.	**Computerized Accounting**	• **Training to work with the accounting software Tally.**
ONLINE CERTIFICATE COURSES		
16.	**Introduction to Computers**	• **To understand the basic knowledge about the components of computers and its functions.**
17.	**Libre Office Suite Writer**	• **To acquire the basic knowledge and skills of computer MS Word.**

18.	**Expeyes**	• **The students are expected to acquire the knowledge of the following:**
		  ❖ **ExpEye Kit and Interface**
		  ❖ **Idea of Python**
		  ❖ **Visualization of simple experiments**

19.	**PERL**	• **To gain knowledge about the basics of PERL, database connectivity and to create dynamic web applications.**

20.	PHP	• PHP is the most powerful scripting language. The course is geared to help the students to create interactive web applications. • At the end of the course, students will have basic understanding of the web technology and be able to architect, write, debug, and run complete web applications using PHP and MySQL.
21.	Python	• Python is one of the most popular and widely used programming languages in the world. • To know about the universal computer programming concepts like data types, containers, functions, conditions, loops, as well as Python programming language syntax, semantics, and the runtime environment.
22.	Front Accounting	• Understanding the concept, Installations, functions and Process of front accounting.