THIRU.VI.KA. GOVERNMENT ARTS COLLEGE-THIRUVARUR

COURSE OUTCOMES

UNDER GRADUATE PROGRAMS

S.NO	B.A TAMIL	PROGRAMME COURCE OUTCOME
1	இக்கால இலக்கியம் CC - I	• தமிழ் இலக்கியத்தின் மீதானஆர்வம் மிகும். • புதிய இலக்கியவடிவங்களைஅறிவர். • கவிதைசிறுகதைஆகியவற்றைப் படைக்கமுயல்வர்.
2	நன்னூல் - எழுத்ததிகாரம் Core Course-II (CC)	• தமிழைபிழையின்றிஎழுதும் திறன் பெறுவர். • வல்லினம் மிகும் இடங்கள் மிகா இடங்களைஅறிவர். • தமிழ் மொழி இலக்கணத்தில் புலமைபெறுவர்.
3	ஊடகவியல் ALLIED COURSE - III	• தகவல் ஊடகங்கள் பற்றிஅறிவர். • ஊடகங்களைகல்விசார்ந்துபயன்படுத்துவதில் பயிற்சிபெறுவர். • ஊடகங்களில் பணிவாய்ப்புபெறுவர்.
4	சிற்றிலக்கியம் Core Course-IV (CC)	• தமிழ் இலக்கியத்தின் வளத்தினைஅறிவர். • சிற்றிலக்கியங்கள்வழிசமயம் சார்ந்தசெய்திகளைஅறிவர்.
5	நன்னூல் - சொல்லதிகாரம் (காண்டிகையுரை) Core Course-V(CC)	• தமிழ் மொழியின் சொல் இலக்கணத்தைஅறிவர். • தமிழ்ச் சொற்களின் பயன்பாட்டைஅறிவர். • மொழிநடையில் தேர்ச்சிபெறுவர்.
6	தமிழ் இலக்கியவரலாறு Allied Course - VI (AC)	• தமிழ் இலக்கியங்கள் காலந்தோறும் தோன்றிவளர்ந்தவரலாற்றைஅறிவர். • இலக்கியங்களுக்கும் அரசியல் வரலாற்றுக்கும் இடையேஉள்ளஉறவைஅறிவர். • இலக்கியநூல்களின் தோற்றக் காரணிகளைஅறிந்துகொள்வர்.
7	சித்தர் இலக்கியம் Core Course-VII (CC)	• உடல் உள்ளம் சார்ந்தஅறிவியல் உண்மைகளைத் தெளிவர். • சித்தர்களால் தமிழ்ச் சிந்தனைமரபில் ஏற்பட்டமாற்றங்களைஅறிவர். • சித்தர் பாடல்களின் இலக்கியஉத்திகளில் தெளிவுபெறுவர்.
8	யாப்பருங்கலக்காரிகை Core Course-VIII(CC)	• செய்யுள் உறுப்புகளைஅறிவர். • பா வகைகள் பாவினங்களைஅறிவர். • மரபுக் கவிதைபடைக்கும் தூண்டுதல் பெறுவர்.
9	தமிழகவரலாறும் மக்கள் பண்பாடும் Allied Course-IX (AC)	• தமிழ்ச் சமூகம் பண்பாடுபொருளாதாரம் குறித்தவரலாற்றுணர்வுபெறுவர். • தாய்மொழிமற்றும் தாய்நாட்டுணர்வுபெறுவர். • தமிழகஅரசின் போட்டித்தேர்வுமுதலானவற்றிற்கானஅறிவூட்டம் பெறுவர்.
10	தமிழ் நடைக் கூறுகள் Core Course-X (CC)	• பிழையற்றதமிழ் நடையின் இன்றியாமையையைஅறிவர். • செய்யுள் உரைநடைகளில் கையாளவேண்டியகுறியீடுகளைஅறிவர்.

		• தமிழ்த் தொடர்களைவாக்கியங்களைப் பிழையின்றிஎழுதுவதில் தேர்ச்சிபெறுவர்.
11	சமய இலக்கியம் Core Course-XI (CC)	• காலந்தோறும் பக்தி இலக்கியம் வளர்ந்துவந்துள்ளவரலாற்றைஅறிவர். • பல்வேறுசமயக் கோட்பாடுகளைஅறிவர். • அனைத்துச் சமயங்களும் வலியுறுத்தும் மனிதம் ஒன்றேஎன்பதைஉணர்வர்.
12	தண்டியலங்காரம் Allied Course-XII (AC)	• பாடல்களில் உள்ளஅணிகளை இனம் காண்பர். • அணிகளின் நுட்பமானவேறுபாடுகளைஅறிவர். • தத்தம் படைப்பாக்கங்களில் பல்வேறுஅணிகளைப் பயன்படுத்துவர்.
13	படைப்பிலக்கியம் Core Course-IX (CC)	• தமிழ் யாப்பிலக்கணமரபைஅறிவர். • இலக்கியப் படைப்பாக்கத் திறன் பெறுவர். • பல்வேறுஉரைநடைவகைகளைக் கையாள்வதில் பயிற்சிபெறுவர்.
14	சிந்தனையியல் Core Course-X (CC)	• சமூகமாற்றத்திற்குசிந்தனைவளர்ச்சிதேவைஎன்பதைஉணர்வர். • உலக இந்தியதமிழகசிந்தனையாளர்களின் சமூகப் பங்களிப்பைஅறிவர். • சமூகம் சார்ந்தசுயசிந்தனைவளர்த்துக்கொள்ளும் ஆற்றல் பெறுவர்.
15	காப்பியம் Core Course-XI (CC)	• காப்பிய இலக்கியத்தின் சிறப்புகளைஅறிவர். • காப்பியக் கதைகள்வழிஅறச்சிந்தனைபெறுவர். • பல்வேறுகாப்பியவடிவங்களைப் பற்றியஅறிவுபெறுவர்.
16	அற இலக்கியம் (திருக்குறள் நீங்கலாக) Core Course-XII (CC)	• தமிழ் அற இலக்கியங்கள் பற்றியஅறிவைப் பெறுவர். • சமூகவாழ்வியலுக்கானஅடிப்படைஅறங்களைக் கற்பர். • இலக்கியங்கள் வெளிபடுத்தும் சமூகப் பொறுப்புணர்ச்சியைஉணர்வர்.
17	திருக்குறள் Core Course-XI (CC)	• சமுதாயவாழ்விற்கான அற உணர்வைப் பெறுவர். • திருக்குறளில் அமைந்துள்ள இலக்கியஅழகியலைஉணர்வர். • திருக்குறளின் காலம் கடந்துநிற்கும் தன்மையைத் தெளிவர்.
18	நம்பியகப்பொருள் Core Course-XIII (CC)	• அகத்திணைகள் பற்றிஅறிவர். • அகமாந்தர் கூற்றுமுறைகளைத் தெளிவர். • உள்ளுறை இறைச்சிபோன்றஉத்திநுட்பங்களைஅறிவர்.
19	நாட்டுப்புற இலக்கியம் Core Course-XIV (CC)	• நாட்டுப்புற இலக்கியங்களின் தனித்தன்மைகளையும் சிறப்புகளையும் உணர்வர். • நாட்டுப்புற இலக்கியங்கள்வழிமக்களின் வாழ்வியலைஅறிவர். • நாட்டுப்புற இலக்கியங்களில் ஆய்வுசெய்யும் ஆர்வம் பெறுவர். •
20	பண்டைய இலக்கியம் Core Course-XV (CC)	• பழந்தமிழ் இலக்கியமரபைஅறிவர். • சங்க இலக்கியங்களில் உள்ளஅழகியல் கூறுகளைஉணர்வர். • வாழ்வியல் அறங்கள் மற்றும் வரலாற்றுச்
21	தமிழின் செம்மொழிப்பண்புகள் Major Based Elective II	• தமிழ் உலகச் செம்மொழிகளுள் ஒன்றுஎன்பதைத் தெளிவர். • தமிழுக்குச் செம்மொழிதகுதிதந்ததமிழ்ச் செவ்விலக்கியச் சிறப்புகளைஅறிவர். • தமிழ்ச் செவ்விலக்கியங்கள் தரும் வாழ்வியல் விழுமியங்களைஉணர்வர்.

22	புறப்பொருள் வெண்பாமாலை	• புறத்திணைகள் பற்றியஅறிவைப் பெறுவர். • புறத்துறைகள் பற்றியஅறிவைப் பெறுவர். • பழந்தமிழரின் புறவாழ்க்கைநெறிகளைப் பற்றிஅறிவர்.
23	தமிழ் மொழிவரலாறு	• தமிழ்மொழியின் பழமைசிறப்புபோன்றவற்றைஉணர்வர். • தமிழ்மொழிமாறியும் வளர்ந்தும் வந்துள்ளதன்மையையறிவர். • எந்தவொருமொழியிலும் மாற்றங்கள் தவிர்க்க இயலாததுஎன்பதைஉணர்வர்.
24	கல்வெட்டியல்	• தமிழ்மொழியின் தொன்மையையறிவர். • தமிழ்ப்பபண்பாட்டின் தொன்மைபெருமைஆகியவற்றைஅறிவர். • தமிழ்மொழி இனத்தின் வரலாற்றைஉணர்வர்

S.NO	BA ENGLISH	COURSE OUTCOME
	SEMESTER-I	
1	Core Course-1 (CC) Prose	• To introduce learners to the evolution of English prose from the Elizabethans to the 20thcentury • To expose learners to various styles of prose writers • To train learners to imitate and improve their style of writing
2	Core Course-II (CC) Short Stories	• To expose learners to short story writing over the centuries • To provide learners an insight into different cultures • To help learners appreciate different themes, strategies and techniques employed by the writers
3	First Allied Course-I (AC) Social History of England	• To help learners understand the social and literary history of England from the Middle • Ages to the 20thcentury • To make learners aware of the relation between socio-political and socio-religious eventsand literary works
	SEMESTER-II	
4	Core Course-III(CC) Poetry	• To introduce learners to the changing trends in English poetry from the Age of Renaissance to Johnson • To help learners analyze and appreciate poetry critically
5	Core Course-IV(CC) Fiction	• To make learners understand different forms of novel from the Age of Tennyson to the20th century • To enable learners to identify diverse fictional themes and techniques • To help learners improve their creative and imaginative faculties through the novels of • major British writers

6	Allied Course-II (AC) Literary Forms	• To initiate learners into the study of various literary forms. • To enable learners to understand the literary terms while analyzing and interpreting theworks of literature.
SEMESTER III		
7	Core Course-V (CC) Poetry II	• To enable learners to comprehend the salient features of various types of poetry from theRomantics up to T.S. Eliot • To make learners sharpen their poetic sensibility and stylistic skills
8	Core Course-VI(CC) One Act Plays	• To help learners understand the salient features of one-act plays • To make learners comprehend and appreciate various cultures and varieties of presentation in the representative texts • To expose learners to the sociological and psychological dimensions of characterization.
9	Allied Course-III (AC) History of English Literature I	• To help learners aware of the literary history of the texts from the Age of Chaucer to Dryden • To make learners understand the rise and fall of literary movements and their relationships to socio-political and socio-religious events.
SEMESTER-IV		
10	Core Course-VII (CC) Drama	• To introduce learners to the emergence of English Drama from the Elizabethans to the 20th century • To make learners understand the features of tragedy, comedy of humors, ant sentimental • comedy, drama of ideas and absurd play
11	Core Course-VIII (CC) Introduction to Language and Linguistics	• To introduce learners to the history of English language and concepts in phonetics and linguistics • To make learners aware of the form and content of Language • To enable learners to know the scientific systems of the language
12	Allied Course-IV (AC) History of English Literature	• To expose learners to the historical background of the literary texts from the Age of Pope to the Present Age • To make learners understand the rise and fall of literary movements and their relationships to socio-political and socio-religious events
SEMESTER-V		
13	Core Course-IX (CC) Shakespeare	• To introduce learners to the dramatic and theatrical conventions of Shakespeare • To make learners understand the characterization, dramatic and poetic techniques in Shakespearean

		plays • To enhance learners' appreciation and enjoyment of select plays of Shakespeare
14	Core Course-X (CC) Principles of Literary criticism	• To acquaint learners with the knowledge of history of literary criticism, its varioustrends and schools • To help learners apply literary theory to texts in order to enrich their understanding andappreciation of literature • To make learners understand Wilbur Scott's five approaches to literature
15	Core Course-XI (CC) American Literature	• To introduce learners to important aspects in various genres of American literature • To help learners get acquainted with the richness of American literature through representative works of poets, essayists and novelists
16	Core Course-XII (CC) Indian Culture and Literature	• To make learners understand the rich literary heritage of India • To appreciate the underlying unity among the diverse languages and literatures of India • To recognize the important contribution of India to world literature
17	Major Based Elective I Translation Theory and Practice	• To familiarize learners with the history and theory of translation • To introduce learners to the techniques involved in translation • To make learners translate prose passages from English to Tamil and vice versa
SEMESTER-VI		
18	Core Course-XIII (CC) Indian Writing in English	• To make learners aware of the history and the growth of Indian Writing in English • To introduce learners to the rich literary tradition in Indian Writing in English • To enable learners to appreciate the changing trends in Indian literature in Englishfrom pre to post-Independence era
19	Core Course-XIV (CC) Common Wealth Literature	• To introduce learners to the literatures of a few commonwealth countries • To enable learners to understand and appreciate various cultures, traditions and mores
20	Core Course-XV (CC) English Language Teaching	• To expose learners to various approaches and methods, aspects and strategies ofteaching English • To help learners understand the essential components and concepts of language teaching
21	Major Based Elective II Journalism	• To initiate learners into the history of journalism • To expose learners to various aspects of journalism

22	Major Based Elective II English for Competitive Examinations	• To instill confidence in learners and improve their language skills to face the challenges of a competitive examination • To equip learners with adequate English language skills to achieve success in competitive examinations

S.NO	HISTORY	COURSE OUTCOME
	SEMESTER-I	
1	Core Course-1 (CC) History of India from 1206A.D.to 1707A.D	• To know about the History of India • To understand the culture and civilization • To know the Indian rulers' ability in worldwide trade contacts • To know the administration and Irrigation methodology of rulers • To know the contributions of Indian kings to the Art and Architecture
2	Core Course -II(CC)History of Tamil naduUpto 1565 A. D.	• To know about the History of Tamilnadu • To understand the Tamil culture, Civilization • To know the Tamil rulers' ability in worldwide trade contacts • To know the administration and Irrigation methodology of Cholas • To know the contributions of Tamil kings to the Art and Architecture
3	Allied Course -I Modern Governments-I	• To know the evolution of states • To understand the classification of governments • To know the concepts of separation of powers • To know the administration judiciary
	SEMESTER-II	
4	Core Course -III(CC) History of India from 1206 A.D. to 1707 A.D.	• To know about the medieval period of Indian history • To understand the organization and structure of sultanate • To study the feature of Islamic architecture
5	Core Course -IV (CC) History of Tamilnadu from 1565A.D. to 2000A.D	• To know about the medieval History of Tamilnadu • To understand the Tamil peoples' resistance against Europeans. • To know the contributions of Nayak rulers to the Art and Architecture • To know the British Revenue system in Tamil Nadu • To understand the emerge of Tamil political parties
6	Allied Course -II Modern Governments-II	• To know about the legacy of British constitution • To understand the presidential form of USA government • To study the plural executive of Swizz • To understand the unique feature of Indian constitution
	SEMESTER-III	
7	Core Course -V (CC) History of India from 1707 A.D to 1857 A.D	• To understand the causes for the disintegration of the Mughals • To understand the reason for the success of the

		expansion of British rule • To know the various policies of the British and the Indians reaction
8	Core Course -VI (CC) History of Europe from 1453 A.D to 1789 A.D	• To know importance of the fall of Constantinople • To understand causes for the origin of Industrial revolution • To study the feature of enlighten despotism
9	Allied Course III Public Administration-I	• To understand the concepts of public administration • To know the various theories of organizations • To understand the importance of field administration
10	Non Major Elective I Freedom Movement in India	• To know causes for the rise of nationalism in India • To study the various phases of nationalism • To understand the works of various leaders in the freedom struggle
SEMESTER-IV		
11	Core Course -VII (CC) History of India freedom 1857 A.D to 1947 A.D	• To know causes for the rise of nationalism in India • To study the various phases of nationalism • To understand the works of various leaders in the struggle
12	Core Course-VIII (CC) History of Europe from 1789 A.D. to 1945 A.D	• To understand the age of revolutions • To study the unification of Italy and Germany • To understand the importance world organizations to maintain peace
13	Allied Course IV Public Administration-II	• To study the meaning and types of management • To understand the decision making policies • To know the importance of planning
SEMESTER-V		
14	Core Course IX (CC) Contemporary India	• To know the consequences of partition • To study policies of various governments • To understand the impacts of new economic policies
15	Core Course X (CC) History of USA upto 1865 A.D	• To study the background of the war of independence • To understand the policies of American presidents • To know the circumstances led to the civil war
16	Core Course XI (CC)East Asia from 1894 A.D to 1970 A.D	• To understand the circumstances leading to theChinese revolution. • To know the effect of First World War in China. • To know the peoples republic in China. • To understand Japanese imperialism. • To understand Militarism in Japan
17	Core Course XII (CC)History of Russia upto 1991 A.D	• To understand the rise of Russian empire. • To understand the circumstance which led the communism in Russia. • To survey the Importance of Russia revolution. • To trace the formation of U.S.S.R.

		• To find the disintegration of U.S.S.R.
18	Major Based Elective-I Archaeology	• To understand the meaning and the scope of the study of Archaeology. • To understand Archaeology as a source for history. • To involve the student in understanding the Methods of Exploration and Excavation. • To trace the Meaning the Importance of Epigraphy and Numismatics.
SEMESTER-VI		
19	Core Course XIII (CC) History of USA from 1865 A.D to 2000 A.D	• To study the importance of reconstruction • To understand the causes for the economic depression • To know the cold war scenario
20	Core Course XIV (CC) Introduction to Historiography	• To understand the need for studying history • 2. To analyze definition, nature and scope of history • 3. To know the contribution of historians through ages • 4. To evaluate their approaches to history. • 5. To introduce the methodology in writing
21	Core Course XV (CC)History of England from 1603 A.D to 1914 A.D	• To understand the history of Great Britain. • To trace the rise of Parliamentary Democracy in England. • To find the history of Stuart and Hanoverian dynasties. • To understand the rise of political party and cabinet systems.
22	Major Based Elective-II Panchayat Raj with Special Reference to Tamil Nadu.	• To understand the concepts of Panchayat Raj • To study the new Panchayat Raj system • To study the implementation of welfare schemes.
23	Major Based Elective-III	• To understand the value of human rights • To study various theories of human rights • To know various laws and acts pertaining to human rights

S.NO	ECONOMICS	COURSE OUTCOME
	SEMESTER-I	
1	Core Course-1 (CC) Micro Economics I	• To make the students understand the decision making process of individual consumers and firms.
2	Core Course-II (CC) Tamil Nadu Economy	• To expose the students to the basics of Tamil Nadu economy.
3	Ailed Course- I Principles of Commerce	• To explain the basic principles of commerce to the students
	SEMESTER-II	
4	Core Course-III (CC) Micro Economics II	• To help the students to understand the price determination of goods and services under different market structures.
5	Core Course -IV(CC) Indian Economic Development	• To make the students understand some important components of Indian economy and the socioeconomic problems.
6	Ailed Course- II Marketing	• To enable the students to understand the basic aspects of marketing.
	SEMESTER-III	
7	Core Course-V(CC) Macro Economics I	• To help the students understand the nature and scope of macro economics, circular flow of income, the concepts of National Income and its accounting.
8	Core Course-VI (CC) Money and Banking	• To enable the students understand the concepts of Money Market, Capital Market, Stock Market and the recent banking.
9	Ailed Course- III	• To enable the students to solve the problems in various measures such as central tendency, dispersion and skewness in statistics.
10	Non Major Elective Course-I Advertisement Management	• To make the students to understand the Objectives and Functions of Advertisement
	SEMESTER-IV	
11	Core Course-VII (CC)Macro Economics II	• To enable the students to understand the concepts of investment, multiplier, accelerator and General Equilibrium.
12	Core Course-VIII (CC) Monetary Economics	• To explain the theoretical aspects of monetary and banking sectors to the students.
13	Allied Course-IV Statistical Method	• To help the students understand the concepts such as Correlation, • Regression, Time Series, Test of hypothesis and Association of attributes
14	Non Major Elective Course-II Economics of Transportation	• To make the students understand the modes of Transport.
	SEMESTER-V	
15	Core Course-IX (CC) Public	• To explain the theoretical and practical aspects of

	Finance	public finance in Indian • Economy to the students.
16	Core Course-X (CC) Economics of Growth and Development	• To develop the skills and equip the students to study their economic growth and development in the developing country like India.
17	Core Course -XI (CC) International Economics	• To enable the students to understand some vital international trade theories and the practical aspects of international economics.
18	Core Course -XII (CC) History of Economic Thoughts	• To trace the historical development of economic theories so that the students would be able to appreciate the richness of economics discipline.
19	Major Based Elective Course -I Capital Market	• To make the students understand the concept of Capital market and functions of capital market in India.
SEMESTER-VI		
20	Core Course -XIII (CC) Agricultural Economics	• To make the students understand the Agricultural Development in India.
21	Core Course -XIV (CC) Human Resource Management	• To make the students understand the Human capital effectively utilized for the growth of Indian Economic Development.
22	Core Course -XV (CC) Environmental Economics	• To make the students understand the Nature and Scope of Environomics in India.
23	Major Based Elective Course - II Entrepreneurship Development	• To enable the students to have a thorough knowledge about the Scope of Entrepreneurship in India.
24	Major Based Elective Course - III Economics of Insurance	• This course attempts to give a fairly comprehensive view of the insurance to the undergraduate students in Economics.

SL. NO	JOURNALISM AND MASS COMMUNICATION	PROGRAMME OUTCOME
	SEMESTER I	
1.	Core Course I - Introduction to Mass Communication	• To enable students to obtain basic knowledge on process, functions and characteristics of communication and mass communication.
2	Course II - Fundamentals of Journalism	• To help students understand basics of journalism; and to introduce them to the concept of Journalism and its significance in democracy.
3.	Allied Course I - History of Journalism	• To help students understand the background information on Indian Press and its practice as this will help them to be more responsible citizen.
	SEMESTER II	
4.	Course III - Basics of News Reporting	• Develop basic skills in reporting for print media. Students will learn the technique of reporting skills.
5.	Core Course IV - Mass Communication Theories	• To understand the fundamental functions of model and theory to apply theoretical perspectives in addressing demands in their personal and professional lives.
6.	Allied Course II - Mass media and Society	• To help students to study the relationship between mass media and society and understand mass media from a critical perspective.
	SEMESTER III	
7.	Core Course V - News Editing	• Develops skills in news editing for print media. Students extend their abilities as reporters by developing more advanced reporting and strategies for the editing and publishing of stories for publication.
8.	Media Laws & Ethics	• To enable the students understand the legal and ethical aspects of the Indian media and the existing regulatory mechanisms.
9.	Photojournalism	• Enables the student to have knowledge on photojournalism; importance of photographs in news presentation and to know its significance
	SEMESTER IV	
10.	Writing for Media	• To know the writing style for different media with an understanding of its medium and audience characteristics for its diverse programmes.
11.	Introduction to Film Studies	• To enable the students understand and appreciate the historical, social, political, cultural and economical aspects of film locally, nationally and globally.
12.	Basics of Videography	• The students will acquire theoretical skills on the

		basic videography functioning its formats, quality and types of video camera.
SEMESTER V		
13.	Radio Journalism	• Provides an insight to work as a journalist for the radio medium, techniques on writing for different categories of programme are to be acquired in this subject.
14.	Media & Human Rights	• To have knowledge on human rights is a must for journalism students and this subject will give overall information about human rights issue and also on reporting it.
15.	Online Journalism	• To trace the history and growth of Online Journalism in India, reporting, editing and production techniques of web pages of online editions of newspapers, use of Internet as a tool for journalists.
16.	Advertising & Public Relations	• To expose the students to functions, strategies and techniques of advertisement as well as social and economic effects of advertising and to learn the fundamentals of PR for practical application to build up of an image of any corporate entity.
17.	Tamil Journalism	• The historical development of Tamil Journalism its growth during and after independence is highlighted and different movements not only on Tamil language but also on contributions from various personalities are presented.
SEMESTER VI		
18.	Media Management	• To introduce the managerial aspects of television and radio industries functions within television and radio industries and describe the important issues that confront individual managers and to explore management career opportunities.
19.	Development Journalism	• To have an acquaintance on reporting and writing the development communication and on communicating through various medium towards achieving development.
20.	Television Journalism	• Provides an insight to work as a journalist for the television medium; techniques on writing for different categories of programme.
21.	Major Based Elective II - Sports Journalism	• The students are given reporting and writing skills in covering the sport events, the nuances of writing for different medium is also educated.
22.	Major Based Elective III - Magazine Journalism	• The skill to acquire the commercially successful print medium is taught with the tinge on entering into the medium by learning the different techniques.

SL.NO	B.Sc CHEMISTRY	PROGRAMME OUTCOME
SEMESTER I		
1.	GENERAL CHEMISTRY I	• To learn the periodic properties of elements and its classifications. • To understand the theoretical aspects of qualitative and quantitative analyses. • To understand the basics of alkanes, reactive intermediates and reaction mechanisms. • To learn about the chemistry of cycloalkanes, alkenes and alkynes. • To learn about the types, preparation and properties of sols, colloids and emulsions and the determination of molecular weight of macromolecules.
2.	VOLUMETRIC ANALYSIS (P)	• To learn the techniques of titrimetric analyses. • To know the estimation of several cations and anions • To know the estimation of total hardness of water.
SEMESTER II		
3.	GENERAL CHEMISTRY – II	• To understand the principles of bonding and theories of chemical bonding. • To understand the chemistry of S-block elements and metallurgy of zero group elements. • To understand the aromatic character of benzene type molecules and to learn the reaction mechanisms involved in haloalkanes and halobenzenes. • To understand about the properties of atoms, characteristics, effect of radiations and the significance of wave functions.
SEMESTER III		
4	GENERAL CHEMISTRY – III	• To learn the chemistry of p-block elements. • To study about the preparations and properties of interhalogen compounds. • To understand the arrangement of atoms in space, isomers and their nomenclature. • To learn about the gas laws, properties of real gases and types of molecular velocities. • To learn the types, structure and properties of solids and liquid crystals.
5	SEMIMICRO ANALYSIS (P)	• To learn the techniques of semimicro qualitative analysis of inorganic salt mixtures.

	NON MAJOR ELECTIVE I CHEMISTRY IN EVERY DAY LIFE	• To learn the scientific and chemical principles underlying in water chemistry agricultural chemistry, food chemistry, cosmetic and other materials such as drugs, polymers, fibers and dyes.
SEMESTER IV		
6	GENERAL CHEMISTRY – IV	• To learn the general characteristics of d and f block elements. • To understand the reactions of organometallic compounds, alcohols, phenols and ethers. • To learn about the fundamental concepts of first law of thermodynamics, to relate heat, work and energy and to calculate work from pressure – volume relationships. • To learn about the fundamental concepts of rate of the reaction, determination of order of the reaction and theories of reaction rates.
7	NON MAJOR ELECTIVE II HEALTH CHEMISTRY	• To know the essentials of health and drugs. • To learn the functions of enzymes, hormones and body fluids • To know common diseases and their treatment
SEMESTER V		
8.	INORGANIC CHEMISTRY - I OBJECTIVES	• To understand the basics and theories of coordination compounds. • To study a few biologically important coordination compounds. • To understand the preparation and properties of nitrosyl compounds • To learn the basic principles and applications of magnetic properties.
9.	ORGANIC CHEMISTRY I	• To learn the reactions of carbonyl compounds, carboxylic acids, amines, heterocycles. • To know the requirement of the oxidation and reducing agents for synthesis.
10.	PHYSICAL CHEMISTRY I	• To know the various concepts of photochemistry and group theory. • To learn the second law of thermodynamics, carnot cycle, carnot theorem, entropy, free energy and Maxwell's relations. • To learn the third law of thermodynamics, Van't Hoff isotherm, Clausius – Clapeyron equation and Nernst heat theorem. • To understand the laws and properties of solutions. • To learn the fundamental concepts of phase rule and its applications to one, two and three component systems.

11.	PHYSICAL CHEMISTRY (P)	• To learn the fundamentals of conductometric and potentiometric titrations. • To understand the method of determination of molecular weight, CST, TT and rate constant.
12.	ANALYTICAL CHEMISTRY	• To know the storage and handling of various chemicals and first aid procedures. • To learn data analysis, various separation techniques. • To learn gravimetric analysis and various thermo analytical methods. • To learn visible spectrophotometry and colorimetry. • To know the various electroanalytical techniques.
13.	MATERIAL & NANO CHEMISTRY	• To study the types of ionic crystals and defects in solids. • To learn the different kinds magnetic properties. • To learn the basic concepts of nanomaterial's and their applications
SEMESTER VI		
14.	ORGANIC CHEMISTRY II	• To learn the chemistry of carbohydrates, proteins, vitamins, alkaloids and terpenoids. • To understand the rearrangements and spectroscopy techniques for the elucidation of structures.
15.	PHYSICAL CHEMISTRY II	• To learn the various concepts of electrochemistry. • To know the types and theories of catalysis. • To learn the adsorption isotherms. • To know the spectroscopic techniques such as IR, UV-visible, Raman and NMR.
16.	GRAVIMETRIC & ORGANIC ANALYSIS (P)	• To learn the techniques of gravimetric analysis. • To learn the methods of different organic compounds preparation and analysis.
17.	NUCLEAR, INDUSTRIAL CHEMISTRY & METALLIC STATE	• To know the fundamentals of nuclear chemistry. • To understand the applications of nuclear chemistry. • To study the metallic bond, theories and applications. • To understand the applications of inorganic polymers.
18.	POLYMER CHEMISTRY	• To know the chemistry of polymers. • To study the importance of polymers. • To study the concepts of polymerization and techniques.
19.	PHARMACEUTICAL CHEMISTRY	• To study the principles and functioning of drugs. • To know the importance and functioning of antibiotics. • To study the impact of poisons.

S.NO	B.ScPHYSICS	PROGRAMME OUTCOME
	SEMESTER I	
1.	Properties of Matter and Acoustics	• To identify the characteristics of matter in terms their properties and to know the basic principles of acoustics.
2.	Practical I	• To motivate and educate the students to acquire skill in physics Experiments.
	SEMESTER II	
3.	Mechanics	• An attempt is made to give a better insight of the change of position of any physical object or event and their consequences.
4.	Practical I	• To motivate and educate the students to acquire skill in physics Experiments
	SEMESTER III	
4	Thermal Physics	• To understand the phenomena connected with heat as radiation, conduction, different thermal capacities of substances and the converse process of making heat to do mechanical work.
5	Practical II	• To enhance the knowledge in experimental physics.
6.	Energy Physics	• To make the students to understand the present day crisis of need for conserving energy and alternatives are provided.
	SEMESTER IV	
7.	Electricity, Magnetism and Electro Magnetism	• This course provides an in depth coverage of behaviour of stationary electric charges, electricity, magnetism and how they are connected.
8.	Practical II	• To enhance the knowledge in experimental physics.
9.	Laser Physics	• To introduce the physical and engineering principles of laser operation and their applications.
	SEMESTER V	
10.	Optics	• To familiarize the fundamental laws concerning reflection, refraction, interference, diffraction, polarization, spectrum and allied phenomena.
11.	Atomic and Molecular Physics	• The purpose is to understand the outgrowth of the structure,extra nuclear part of the atom and origin of the spectra.
12.	Electronics	• To enable the students to understand all aspects of electronics in a lucid and comprehensive manner.
13.	Practical III	• To promote scientific temper and to learn physical concepts through these experiments.

14.	Material Science	• To develop knowledge in material science and to understand the relationship between properties and material characteristics.
SEMESTER VI		
15.	Nuclear Physics	• To emphasize the understanding of nuclear forces and models, elementary particles and Accelerators.
16.	Theoretical Physics	• To know the facts and develop a unified and logical treatment of the subject matter with clarity and conciseness.
17.	Practical IV	• To provide an indepth knowledge and skill in Electronics, C- Programming and Micro Processor.
18.	Microprocessor and 'C' Programming	• The purpose of this course is to introduce students about the key features and implementation of C language and 8085 Microprocessor assembly.
19.	Communication Physics	• To promote scientific temper among students and update the basic functioning of various communication systems.

S.NO	B.Sc ZOOLOGY	PROGRAMME OUTCOME
SEMESTER I		
1.	Invertebrata I (Protozoa – Nematoda)	• To enlighten the students about the diverse forms of Invertebrate animals which belong to 5 major phyla present around us. • To help our students to distinguish various Invertebrate animals and to know the evolutionary sequence of them.
2.	Invertebrata I &Invertebrata II (P)	• To impart training on the techniques of dissecting the Invertebrate animals and to understand the various systems present in their body. • To demonstrate the technique of in silico dissection of invertebrate animals. To train the students to discriminate the various external body parts of Invertebrates. • To observe the preserved animals in the museum (wet and dry) and to study their characteristic features.
3.	Botany I	•
4.	Botany (P)	•
SEMESTER II		
5.	Invertebrata II	• To enlighten the students about the diverse forms of Invertebrate animals which belong to 5 major phyla present around us. • To help our students to distinguish various

		Invertebrate animals and to know the evolutionary sequence of them.
6	Invertebrata I &Invertebrata II (P) (Continuation of SEMESTER I)	• To enlighten the students about the diverse forms of Invertebrate animals which belong to 5 major phyla present around us. To help our students to distinguish various Invertebrate animals and to know the evolutionary sequence of them.
7	Botany (P)	•
8.	Botany II	•
SEMESTER III		
9.	Chordata	• To enlighten the students about the diverse forms of Vertebrate animals which belong to 5 major classes present around us. • To help our students to distinguish various vertebrate animals and to know the evolutionary sequence of them
10.	Chordata& Cell and Molecular Biology (P)	• To impart training on the techniques of dissecting the vertebrate animals and to understand the various systems present in their body. To demonstrate the technique of in silico dissection of vertebrate animals. • To train the students about the various types of animal cells and molecular structures with their characteristic features and detailed functions.
11.	Chemistry I	
12.	Chemistry (P)	
SEMESTER IV		
13.	Cell and Molecular Biology	• To understand the cell and cellular details with their significance. To train the students about the various types of animal cell structures with their characteristic features and detailed functions. • It facilitates to understand the structure and function at molecular level in prokaryote and Eukaryote.
14.	Chordata& Cell and Molecular Biology (P) (Continuation of SEMESTER I)	• To impart training on the techniques of dissecting the vertebrate animals and to understand the various systems present in their body. To demonstrate the technique of in silico dissection of vertebrate animals. • To train the students about the various types of animal cells and molecular structures with their characteristic features and detailed functions.
15.	Chemistry (P)	• To introduce the physical and engineering

		principles of laser operation and their applications.
16.	Chemistry II	
SEMESTER V		
17.	Animal Physiology	• The study of Physiology helps in understanding how the body functions adapts with respect to its external and internal environment, related to nervous integration, sensation, metabolism and reproduction.
18.	Genetics and Evolution	• Giving a basic overview of genes, mutations, sex determination and patterns of inheritance. An understanding of the chromosomal inheritance and expression of human genetic characters and disorders. To understand the evolution of life.
19.	MICROBIOLOGY	• Microbiology emphasis the infectious diseases that are of great actual or potential importance to humans. To provide students with the latest information in scientific microbiological methods.
20.	Animal physiology, Genetics and Evolution & Microbiology (P)	• To impart training on the techniques of physiological concepts in vertebrate animals
	Biotechnology/ Economic Entomology	• and to understand molecular structures, genetical importance and evolutionary
SEMESTER VI		
21.	Environmental Biology	• Environmental Biology is designed to provide fundamental ecological principles that provides in-depth understanding of our natural world, the scientific basis for understanding how environmental systems work, the environmental issues, environmental problems, effects and solutions.
22.	Developmental Biology	• Developmental Biology is an experimental science, which provides understanding of the processes of early embryonic development, to analyze the mechanisms of development by experimental manipulation of developingembryos and to review current developments in the field of embryology.
23.	Environmental Biology & Developmental Biology (P)	• To provide fundamental ecological principles that provides in-depth understanding of our natural world, the scientific basis for understanding how environmental systems work. Developmental Biology provides understanding of the processes of early embryonic development and developing embryos.

24.	Biochemistry / Immunology	• The objective of the Biochemistry course is to provide a basic approach to biochemistry. It provides the structure and function of bio molecules and its importance. • Immunolgy course emphasis the function of immune system, structure and function of immunoglobulin and immunological techniques.
25.	Bioinformatics / Biophysics & Biostatistics	• To enlighten our students on various aspects of bioinformatics and its significance. To encourage the students to take bioinformatics as their career as it provide ample scope for bright feature. • The objective of Biostatistics is to emphasis basic idea about the Biostatistics and its application. The Biophysics course is to emphasis the principle and biological applications of Microscope, chromatograph, electroporesis and spectroscope.

S.NO	B.ScMATHEMATICS	PROGRAMME OUTCOME
SEMESTER I		
1.	Differential Calculus and Trigonometry	• To inculcate the basics of differentiation and their applications. • To introduce the notion of curvatures, Evolutes& Involutes and polar co-ordinates. • To understand the basic concepts of Trigonometry
2.	Integral Calculus	• To inculcate the basics of integration and their applications. • To study some applications of definite integrals. • To understand the concepts of Beta, Gamma functions
SEMESTER II		
3.	Differential Equations and Laplace Transforms	• To know the order and degree of the ODE's • To identify some specific methods and solve them • To make difference between ODE and PDE • To solve some standard methods • To know the concept of Laplace transforms and its inverse with applications
	Analytical Geometry 3D	• To study 3 dimensional Cartesian Co-ordinates system. • To enable the students to develop their skill in 3

		dimensions
SEMESTER III		
4	Sequences and Series	• To lay a good foundation for classical analysis • To study the behavior of sequences and series.
5	Classical Algebra and Theory of Numbers	• To lay a good foundation for the study of Theory of Equations. • To train the students in operative algebra.
6.	Quantitative Aptitude I	• To lean the problems solving techniques for aptitude problems • To enable to students prepare themselves for various competitive examinations
SEMESTER IV		
7.	Vector Calculus and Fourier Series	• To provide the basic knowledge of vector differentiation & vector integration. • To solve vector differentiation & integration problems.
8.	Linear Algebra	• To facilitate a better understanding of vector space • To solve problems in linear algebra
9.	Quantitative Aptitude II	• To learn the problems solving techniques for aptitude problems • To enable to students prepare themselves for various competitive • Examinations
SEMESTER V		
10.	Real Analysis	• To enable the students to understand the real number system and countable concepts in real number system • Provide a Comprehensive idea about the real number system. • Understand the concepts of Continuity, Differentiation and Riemann Integrals • Learn Rolle's Theorem and apply the Rolle's theorem concepts.
11.	Statics	• To provide the basic knowledge of equilibrium of a particle. • To develop a working knowledge to handle practical problems.
12.	Operations Research / Stochastic Processes	• To introduce the various techniques of Operations Research. • To make the students solve real life problems in Business and Management
SEMESTER VI		
13.	Abstract Algebra	• To introduce the concept of Algebra from the basic set theory and Functions, etc.

		• To introduce the concept of Group theory and Rings.
14.	Complex Analysis	• Understand the functions of complex variables, continuity and differentiation of complex variable functions, C – R equations of analytic functions. • Learn about elementary transformation concepts in complex variable. • Know about complex Integral functions with Cauchy's Theorem, power series expansions of Taylor's and Laurant's series. • Understand the singularity concepts and residues, solving definite integrals usingthe residue concepts.
15.	Dynamics	• To provide a basic knowledge of the behavior of objects in motion. • To develop a working knowledge to handle practical problems.
16.	Graph Theory / Mathematical Modelling	• To introduce the notion of graph theory and its applications. • To learn the techniques of combinatorics in Graph Theory.
18.	Astronomy / Number Theory	• To study the mathematical models through ode and difference equations • To train the students to develop mathematical models in real life problems

S.NO	VISUAL COMMUNICATION	COURSE OUTCOME
	SEMESTER-I	
1	Core Course-1 (CC) Introduction to Visual Communication	• To help students understand Communication and its process; and to introduce students to the concept of Visual Communication and its applications.
2	First Allied Course-1 (AC) Communication Media Scenario	• To help students understand the Indian media scenario.
	SEMESTER-II	
3	Core Course-II(CC) Basics Of Advertising	• To help students understand advertising and its scope. • To expose students to the various creative aspects in advertising.
4	First Allied Course-III (AC) Arts and Aesthetics	• To help students understand and discover Indian art and western art. • To understand the influence of art.
5	Non Major Elective-I Basics of Communication	• To introduce the students to communication and how to make communication effective
	SEMESTER-III	
5	Core Course-III(CC) Graphic Design	• To help learn graphic design principles and conceptualize ideas in graphic form.
6	Second Allied Course-I (AC) Basic Photography	• To introduce students to photography. • To help them develop the skills involved in photography.
	SEMESTER-IV	
7	Core Course-IV(CC) Elements of Film	• To introduce students to film elements. • To help students critically analyze films.
8	Second Allied Course-III (AC) Media Culture and Society	• To help students understand the relationship between media and society. • To expose students to the various aspects of media responsibility.
	Non Major Elective-II Communication and Personality Development	• To help the students improve their personality with giving importance to communication
9	Skill Based Elective-I Page Maker	• Make Students learn PageMaker Software
	SEMESTER-V	
10	Core Course-V(CC) Visual Analysis Techniques	• To make the students understand the visual aesthetics and critically look at visuals and its meanings.
11	Core Course-VI (CC) Media Research Orientation	• To introduce students to the concept of research and its application in media and communication field
12	Core Course-VII(CC) Videography	• To introduce students to the field of television production and to understand the basics of

		television production.
13	Major Based Elective-1 Script Writing	• To help students understand and develop the skill of script writing
14	Skill Based Elective-II Corel Draw	• Make Students learn Corel Draw Software
15	Skill Based Elective-III Dreamweaver	• Make Students learn Dreamweaver Software
SEMESTER-VI		
16	Core Course-VIII(CC) Development Communication	• To make students aware of the role communication for development • 2. To help students understand the concepts of development communication and its role in society.
17	Major Based Elective-II Public Relations	• To introduce students to the field of public relations and its applications.
18	Major Based Elective-III Media Management	• To help students learn the working of media organizations • To help them develop the skill of media management

S.NO	BOTANY	PROGRAMME OUTCOME
SEMESTER I		
1.	BACTERIA, VIRUSES, ALGAE, FUNGI AND LICHENS	• To understand the structure, reproduction, culture, classification and economic importance of bacteria and viruses • To study the classification, ecology, distribution, morphology, life-cycle and economic importance of Algae and Fungi. • To impart knowledge on distribution, classification, structure, physiology, reproduction and function of lichens and significance of ectomycorrhiza and endomycorrhiza.
2	BACTERIA, VIRUS, ALGAE, AND FUNGI ANDLICHENS &PLANT PATHOLOGY AND PLANT PROTECTION (P)	• Tools and equipment's used in microbiology • To study all the types of Bacteria
SEMESTER II		
3.	PLANT PATHOLOGY AND PLANT PROTECTION	• To understand plant pathogenesis, classification and host-parasite interaction. • To study plant diseases in crops and their management, significant contributions of plant pathologists and usage of various techniques in plant protection.
SEMESTER III		
4.	BRYOPHYTES, PTERIDOPHYTES, GYMNOSPERMS AND PALEOBOTANY	• To understand the salient features of Bryophytes, Pteridophytesand Gymnosperms. • To study the structure and reproduction of various genera mentioned in the syllabus. • To understand the salient features and importance of fossils and fossilization process in tracing evolution.
5.	BRYOPHYTES, PTERIDOPHYTES, GYMNOSPERMS AND PALEOBOTANY &ANATOMY AND EMBRYOLOGY (P)	• A study of both vegetative and reproductive structures(wherever available) of Genera included in the theory. • A study of the morphology and anatomy of both vegetative and reproductive parts of the livinggenera and fossil forms of the following Genera.

6.	BIOFERTILIZERS AND BIOPESTICIDES	• To understand the basics of biofertilizers and their cultivation • To study about mycorrhiza and their isolation and production • To impart knowledge on pesticides and their control by biopesticides, including their production and commercialization
SEMESTER IV		
7.	ANATOMY AND EMBRYOLOGY	• To inculcate the basics of tissues and anatomical features of plants. • To impart the knowledge about the various aspects of morphogenesis. • To understand the key aspects of embryology of Angiosperms
8.	HORTICULTURE	• To study the importance of horticultural crops and their propagation methods • To understand the types of gardens and their establishment • To educate floriculture and fruit culture, green house and nursery management
SEMESTER V		
9.	CELL AND MOLECULAR BIOLOGY	• To enable the students to study microscopy, cell organelles of Prokaryotic and Eukaryotic cells, chromosomes, cell divisions, DNA and RNA. • To understand gene regulation and chloroplast and mitochondria genome organization.
10.	GENETICS,BIOSTATISTICS AND EVOLUTION	• To study Mendelian genetics, recombination of chromosomes, structure and function of genes and their various units • To educate on mutation • To impart knowledge on biostatistics and its applications biological experiments • To understand the mechanism of evolution and study of population genetics
11.	MORPHOLOGY, TAXONOMY AND ECONOMIC BOTANY	• To enable the students to study morphological features of vegetative, inflorescence, fruits and seed characters. • To impart knowledge on botanical nomenclature, classifications, merits and demerits of various systems of classifications. • To understand the systematics of the selected families of the flowering plants with their economic importance. • To have knowledge on the economically important plants with their systematic treatment.

12.	CELL AND MOLECULAR BIOLOGY & GENETICS, BIOSTATISTICS AND EVOLUTION & MORPHOLOGY, TAXONOMY OF ANGIOSPERMS AND ECONOMIC BOTANY	• To training the students in dissection, observation, identification and sketching
13.	MEDICAL AND APPLIED BOTANY	• To understand the importance of the medicinal plant wealth in India and the role of Medicinal plants in human health care. • To know the medicinally useful plants, Herbal medicine preparation for common diseases and adulterants. • To understand the importance of biofertilizers and biopesticides • To understand the techniques involved in the cultivation of edible mushrooms
SEMESTER VI		
14.	PLANT PHYSIOLOGY, BIOCHEMISTRY AND BIOPHYSICS	• To enable the students to understand the metabolic activities of plants • To understand the role of enzymes in various metabolic activities of plants • To know the application of the laws of physics in biological phenomena
15.	PLANT ECOLOGY AND CONSERVATION	• To enable the students to realize the values of plants and animals of the ecosystem • To know about the hazards of pollution and the importance of keeping his/her environment clean • To know in detail on various types of vegetation • To know about his/her environment and mould the students to become managers of various ecological systems
16.	PLANT PHYSIOLOGY, BIOCHEMISTRY AND BIOPHYSICS & PLANT ECOLOGY AND CONSERVATION (P)	• To study the different aspects of physiology, biochemistry, biophysics and ecology with related to other practical trainings.
17.	PLANT BREEDING, HORTICULTURE ANDLANDSCAPING	• This course introduces the various methods of plant breeding and plant propagation • Teaches students the art of growing plants for a pre-defined purpose and pleasure and facilitates students to become an entrepreneur
18.	PLANT BIOTECHNOLOGY AND BIOINFORMATICS	• To comprehend the advances made in the field of plant biotechnology; and bioinformatics • To understand how mere jumbling of genes

		results in the creation of new organisms

S.NO	B.COM	PROGRAMME OUTCOME
SEMESTER I		
1.	PRINCIPLES OF ACCOUNTANCY	• To enable the students to learn principles and concepts of Accountancy. • To enable the students to prepare Final Accounts for Sole Traders. • To know the basic concepts of commercial bills. • To understand the students to prepare Accounting for Consignment andJoint Ventures and to understand about the concepts of Reserves andProvisions • In overall students can acquire conceptual knowledge of the financialaccounting and to provide knowledge about the techniques for preparingaccounts in different business organizations.
2	BUSINESS ORGANISATION AND MANAGEMENT	• To impart knowledge about different types of business firms. • To find out layout and location of an industry. • To know about social responsibilities of corporate. • To know about functions of management. • To understand about Concept and Styles of leadership andMotivation.
3.	ALLIED COURSE-I - BUSINESS ECONOMICS	• To know about basics of Economics. • To understand the concept of demand and supply. • To know the factors of production and economies of large scale production. • To understand the concept of Pricing under Perfect and Monopolistic competition. • To learn fiscal policy of the Government.
SEMESTER II		
4.	PROFESSIONAL ACCOUNTING	• To help students gain knowledge about branch accounts anddepartmental accounts. • To impart knowledge of handling hire purchase accounts and royaltyaccounts. • To transform knowledge about partnership firms • To enable students handle settlement among

		partners in the event ofclosure of a partnership firm. • To impart skills about evaluating insurance claims.
5.	COMPUTER APPLICATIONS IN BUSINESS	• To Make the student understand the computers both theory and inpractical. • To enable the students to acquire knowledge in computers and its Languages. • To enable the students to learn operating systems. • To understand to create word documents, Mail Merge. • To educate the practical knowledge on MS-Excel. • To understand how to prepare power point slides
6.	ALLIED COURSE – II (AC) BUSINESS MATHEMATICS	• To know the basis of modern mathematics • To understand the rectangular arrangement of numbers • To familiarise in the change in dependent and independentvariables • To determine the definite and indefinite integrals • To know the equality for certain value
SEMESTER III		
7.	CORE COURSE-V (CC) COST ACCOUNTING FOR PROFESSIONALS •	• To know the uses, methods and importance of cost accounting • To know the material purchase procedure in store • To know the payment schemes of labour • To know the collection and allocation of overheads • To know the types of costing
8.	CORE COURSE VI (CC) - BUSINESS LAWS	• To gain expert knowledge in the principles and practice of law relating to Business activities. • To have the basic knowledge of law governing business. • To know law relating to agency business. • To gain Knowledge about different aspects of goods. • To create awareness about e-commercial law
9.	ALLIED COURSE – III (AC) BUSINESS STATISTICS	• To understand the concept of statistics • To understand measures of dispersion. • To learn correlation and Regression. • To understand Time series analysis. • To get knowledge about probability.
SEMESTER IV		

10.	CORE COURSE-VII (CC) CORPORATE PROFESSIONAL ACCOUNTING	• To know the accounting procedure for company • To know the mobilisation of funds through debenture • To know the various aspects of amalgamation and internalreconstruction • To know the accounting system of holding company and subsidiarycompany • To know the final account format of banking and insurance companies
11.	CORE COURSE VIII (CC) MANAGERIAL COMMUNICATION	• To know the basics of Communication • To understand various types of communication. • To know how to prepare various reports. • To prepare different types of Letters • To prepare different types of corporate communications.
12.	ALLIED COURSE - IV (AC) CORPORATE LAWS	• To give knowledge about various corporate laws. • To enable the students to know about Managerial aspects. • To enable the students to know about Foreign ExchangeManagement. • To gain basic knowledge of Water Pollution Act. • To create awareness about Air Pollution Act.
SEMESTER V		
13.	CORE COURSE –IX (CC) MANAGEMENT ACCOUNTING FOR MANAGERS	• To understand the concepts of Management Accounting. • To gain knowledge on fund flow and cash flow in Business operation. • To understand budget and budgetary control in Business organisation. • To know the technique of marginal costing. • To know the various methods of capital budgeting.
14.	CORE COURSE - X (CC) INCOME TAX LAW AND PRACTICE	• To understand the concept of Income tax • To describe how to arrive taxable income from salary • To find out the taxable income from house property • To calculate the taxable income from Business and Profession. • To ascertain the capital gains and income from other sources
15.	CORE COURSE - XI (CC) • AUDITING	• To understand the principles and practice of auditing. • To know the procedure of vouching

		• To know the assessment of assets and liabilities • To be aware about the Qualifications and appointment of auditors • To understand the knowledge about audit of computerized accounting
16.	CORE COURSE – XII (CC) ACCOUNTING PACKAGE- Tally	• To enable the students to acquire knowledge in computers. • To know the Fundamentals of Computerized Accounting • To understand about the voucher entries. • To handle inventories and cost. • To enable to prepare final accounts
SEMESTER VI		
17.	Core Course – X III (CC) Financial Management	• To understand the concepts of financial management. • □ To learn about the Capital Structure. • □ To gain knowledge about Leverage and Dividend Policy. • □ To acquire knowledge about the Working capital management. • □ To know the receivable and inventory management.
18.	Core Course – XIV (CC) Indirect Taxation	• To gain basic knowledge of indirect taxes. • 2. To understand knowledge about Customs Laws in India. • 3. To familiarize with Goods and Services Tax (GST). • 4. To understand Exemptions available from GST. • 5. To acquire knowledge about the Value of Supply in the GST.
19.	Core Course – XV (CC) Financial Market & Operations	• To understand the concepts of financial management. • To learn about the Capital Structure. To gain knowledge about Leverage and Dividend Policy. • To acquire knowledge about the Working capital management. • To know the receivable and inventory management. / • To gain basic knowledge of indirect taxes. • To understand knowledge about Customs Laws in India. • To familiarize with Goods and Services Tax (GST). • To understand Exemptions available from GST.

		• To acquire knowledge about the Value of Supply in the GST.
20.	Major Based Elective II A) Human Resource Management (or) B) Corporate Governance	• To know about the HRM and its functions. To understand the job evaluation and job analysis. To familiarize the theories of motivation and leadership styles. To understand the recruitment and selection policy of an organization. To know the training and development and performance appraisal./ To understand the concept of corporate governance. 2. To familiarise the Corporate Governance Framework in India. 3. To know the reasons for major Corporate Governance Failures. 4. To understand the Whistle-blowing and Corporate Governance. 5. To know the Corporate Social Responsibility in Indian context.
21.	Major Based Elective III A) Insurance Management (or) B) E-Commerce	• To understand the basics of Insurance 2. To know the nature and features of Life Insurance 3. To understand about Fire insurance 4. To get knowledge about Marine Insurance 5. To acquire the knowledge about various general insurance and IRDA/ To know the e-commerce framework. ϖ To understand the Electronic Commerce and World Wide Web and its functionalities. ϖ To know the Applications of EDI. ϖ To acquire knowledge about online Marketing. ϖ To know the concept of Multimedia and Digital Video.

S.NO	BBA	PROGRAMME OUTCOME
	SEMESTER-I	
1	Core Course-1 (CC)Management Concepts	• To make students understand the basic concepts and principles of management • To help them acquire the skills needed to become a successful manager • To enable them to understand the various processes of the management.
2	Core Course-1I (CC) Financial Accounting	• To enable learners understand the fundamental concepts of Accounting • To give them a basic knowledge of accounting principles • To facilitate them to prepare final Accounts of business and non-trading concerns.
3	Allied Course Managerial Economics	• To promote the ability to understand the basic concepts of Economics • To give students the capacity to make relevance

		of economics in business decisions • To help them be equipped with economic tools for business analysis.
SEMESTER-II		
4	Core Course-1II (CC)-Marketing Management	• To expose students to marketing concepts and trends in the market. • To promote the ability to relate consumer behavior and market trends • To make students realize the relationship between marketing channels and corresponding strategies.
5	Core Course-1V (CC) Mathematics Statistics for Managers	• To make students understand and the basic mathematical and statistical tools • To promote the ability to appropriate statistical techniques in business • To help students analyze management problems in research and decision making.
6	Allied Course II Business Environment	• To promote basic understanding of the concepts of business environment • To provide broad knowledge on domestic and international environment • To make learners the impact of environment on business.
SEMESTER-III		
7.	Core Course-V (CC) Managerial Communication	• To make students understand the significance and principles of communication • To help them acquire adequate skills in business correspondence and • To enable students to write reports and speeches on topics related to business.
8.	Core Course-VI (CC) Computer Application in Business	• To enable students to understand the basic concepts in computer applications • To give in-depth knowledge of documentation through MS Office packages • To help them apply various accounting procedures through TALLY software.
9.	Allied Course III Business Law	• To enlighten the students on the basic principles and legal aspects of business laws • To promote the understanding of various legislations relating to business • To make them acquire knowledge on the legal aspects in the business environment.
SEMESTER IV		

10.	Core Course-VII (CC) Organizational Behavior	• To provide basic knowledge on various models oforganizational behavior • To expose them to the concepts of motivation and group dynamics • To help them acquire interpersonal skills.
11.	Core Course-VIII (CC) Operation Research	• To understand the scientific methods used in Operations Research • To allocate scarce resources with optimum utilization in production and gain knowledge on replacement decisions.
12.	Allied Course -IV Production Management	• To understand the nature and importance of production management • To comprehend the principles and areas of application of shop floor management and • To know the operations and skills needed for major decisions in material management.
SEMESTER V		
13	Core Course-IX (CC) Cost Accounting	• To understand the basic concepts of cost accounting, • To gain knowledge on principles and procedures of cost accounting and • To apply the costing techniques in different practical situations.
14	Core Course-X (CC) Financial Management	• To expose learners to various concepts and principles of financial management • To develop in them decision- making skills on various financial matters • To acquaint them with various tools for the management and understanding of • finance.
15.	Core Course-XI (CC) Company Law and Secretarial Practice	• To understand the concept of company law and secretarial practice • To comprehend important elements of company documents and • To get enlightened on the role of company secretary and the procedures of meetings.
16.	Core Course-XII (CC) Research Methods in Management	• To understand the basic theoretical ideas and logic of research • To know about various aspects of research problems and gain thorough knowledge on the development of research projects
17.	Major Based Elective-I Service Marketing	• To know the various concepts of services marketing • To understand the strategies for managing and marketing of services and

		• To devise strategies for marketing services in the liberalized business environment
18.	Core Course-XIII (CC) Human Resource Management	• To understand of the basic elements of HRM • To gain knowledge on various facets,the policies and practices of HRM and • To acquire knowledge on the recent trends in HRM.
SEMESTER VI		
19	Core Course-XIV (CC) Management Accounting	• To understand the nature and scope of management accounting • To gain knowledge in the preparation of financial statement analysis, marginal costing, budget, working capital, standard costing and • To utilize the management tools and techniques to take appropriate financial decisions.
20	Core Course-XV (CC) Entrepreneurial Development	• To understand the concepts of entrepreneurship development • To acquire requisite knowledge and skills for becoming successful entrepreneurs and to formulate and develop business projects.
21	Major Based Elective II Management Concepts in Thirukkural	• The objective of this course is to expose the students of management studies to Thirukkural the book of wisdom that has stood the test of time for over 2000 years and still remains relevant as a guiding force for the mankind. • Verses related to contemporary Management Concept
22.	Major Based Elective III-Global Business Management	• To understand the fundamental concepts of international trade • To comprehend basic principles of t of MNCs and acquire broad knowledge on Global Liberalization and WTO Agreements.

POSTGRADUATE PROGRAM

S.NO	MA ENGLISH	COURSE OUTCOME
1.	**Core Course – I Language and Linguistics**	• To provide learners an insight into the nature of language • To familiarise learners with the discourse of linguistics and to expose them to theoretical and practical • manifestations of linguistics • To enable learners to understand the nexus between literature and society
2.	**Core Course – II Modern Literature - I (1400 - 1660)**	• To introduce learners to the evolution of English poetry – Chaucer's period • To expose learners to the salient features of metaphysical poetry To introduce learners to the origin of English essays • To make learners understand the features of tragedy, romantic tragedy, revenge play and comedy of humours of Shakespeare's predecessors
3.	**Core Course – III Modern Literature - II (1660 - 1798)**	• To expose learners to the changing trends in English poetry from Milton to Pre-Romantics • To make learners understand the prose allegory of the Restoration period and varied prose works of the Age of Pope. • To make learners know the salient features of anti-sentimental comedy and Restoration comedy • To introduce learners to the emergence of the English novel during the Age of Transition
4.	**Core Course – IV Indian Writing in English**	• To enable learners to appreciate the changing trends, from Romantic to realistic, in Indian literature in English from pre to post-Independence era • To make learners aware of Indian sensibility in the representative

		works
5.	**Elective Course – I Grammar, Rhetoric and Writing**	• To enable learners to understand the basics of grammar • To provide learners with the basics of rhetoric • To help learners write effective paragraphs and essays • To expose learners to various forms of discourse
SEMESTER II		
	Core Course – V Modern Literature - III (1798 – 1832)	• To familiarize learners with the characteristics of Romantic poetry • To acquaint learners with the unique qualities of the essays of Lamb and Hazlitt • To make learners aware of the characteristics of Scott's and Jane Austen's novels
	Core Course – VI Modern Literature – IV (1832 - 1945)	• To enable learners to understand the spirit of Victorian England and its influence on poetry • To help learners appreciate the revolution brought about through Aesthetic Movement and antiVictorian Movement in poetry, drama and novel during the Age of Hardy • To expose learners to various aspects of the works of T.S. Eliot
	Core Course –VII Shakespeare	• To expose learners to the development of linguistic, social, psychological and existential skills through a few representative plays of Shakespeare • To make learners understand the characterization, dramatic and poetic techniques of Shakespeare
	Core Course – VIII Literary Criticism	• To help learners develop literary sensibility and critical thinking • To make learners understand a wide range of literary texts, literary history and literary criticism • To introduce learners to a variety of critical approaches to perceive

		the paradigm shift through the critical texts from Plato to T.S. Eliot
	Elective Course – II Communication Studies and Mass Media	• To introduce learners to different types of communication • To expose learners to the functions of mass media and mass culture and popular culture • To make learners understand various aspects of mass media
SEMESTER III		
	Core Course – IX American Literature	• To introduce learners to significant aspects in various genres of American literature • To help learners get acquainted with the richness of American literaturethrough representative works of poets, essayists, playwrights and novelists
	Core Course – X Theory of Comparative Literature and Classics in Translation	• To expose learners to the scope, methodology and application of the theories in comparative literature • To help learners understand the thematology and genre studies • To make learners know a few representative classics in translation
	Core Course – XI Literary Theory	• To introduce learners to literary theory from the beginning of the twentieth century to the present day • To help learners apply theory in the analysis of literary texts • To enable learners to understand a wide range of theoretical perspectives to enhance their appreciation of literary texts
	Core Course – XII Research Methodology	• To expose learners to philosophy of research • To enable learners to use different research sources and document them • To make learners know the format of research and mechanics of writing

	Elective Course – III Asian Literature in English	• To familiarize learners with Asian writers in English • To make learners aware of various Asian cultures through representative texts of Asian Literature in English
SEMESTER IV		
	Core Course – XIII New Literatures in English	• To make learners familiarize with writers of new literatures • To enable learners to appreciate various cultures
	Core Course – XIV Translation: Theory and Practice	• To familiarize learners with the history and theories of translation • To introduce learners to the techniques involved in translation of literary and non- literary texts • To enhance the employability of the learners as translators
	Elective Course – IV Single-Author Study – Rabindranath Tagore	• To initiate learners into the study of Tagore's works and his narrative techniques • To expose learners to the aspects of Indian civilization and culture with reference to Tagore
	Elective Course – V English Literature for UGC Examinations	• To help learners have a wide range of knowledge in literature – poetry, prose, drama, short story and novel • To help learners prepare for UGC Eligibility tests for JRF and Assistant Professorship

S.NO	**MA. HISTORY**	**PROGRAMME OUTCOME**
SEMESTER I		
1.	INDIAN CIVILIZATION AND CULTURE FROM PREHISTORY TO 1206 A.D	• To understand the scope of the study of ancient history of India. • To understand the political ideas. • To study the origin of the religion. • To understand the study of Antiquities
2	CORE COURSE II INDIAN CIVILIZATION AND CULTURE FROM 1206 A.D. TO 1707 A.D.	• To understand the scope of the study of medieval history of India. • To understand the political ideas. • To study the religious policy of the Muhamadians.

3	CORE COURSE III SOCIO-CULTURAL HISTORY OF TAMIL NADU FROM THE SANGAM AGE TO 1800 A.D.	• To understand the scope of the study of ancient history of Tamilnadu • To understand the political ideas. • To study the origin of the religion. • To understand the study of Antiquities. • To know the ethnology of the Tamils.
4.	CORE COURSE IV HISTORY OF WORLD CIVILIZATIONS UPTO 1453 A.D. (Excluding India) .	• To understand the scope of the study of ancient civilizations • To understand the political ideas. • To study the origin of the religion • To understand the study of Antiquities
5.	ARCHIVES KEEPING	• To know the history of the archives • To study the activities of various archives • To understand the importance of archives keeping
SEMESTER II		
6.	CORE COURSE V SOCIO-CULTURAL HISTORY OF INDIA FROM 1707 A.D. TO 1857 A.D.	• To trace the Islamic influences of Hinduism and Vice versa. • To reveal Socio-Economic and Cultural Changes occurred in the Deccanic Kingdoms. • To Understand the impact of westerners contact with India. • To Study the salient features of the western and Eastern influences. • To highlight the influence of Bakthi Movement on Indian society
7.	SOCIO-CULTURAL HISTORY OF TAMILNADU FROM 1800 A.D TO 1967 A.D. .	• To know the social condition of Tamilnadu since 1800AD. • To understand the Land Systems. • To know about the Economic condition in Tamilnadu. • To understand the Impact of Western Education. • To know the Art and Education of Tamil Country
8.	CORE COURSE VII HISTORY OF EUROPE FROM 1453 A.D. TO 1789 A.D.	• To know about the Fall & Roman Empire and ottoman Turks. • To understand Renaissance and its results. • To know the Emergence of Absolute Monarchies. • To understand the Growth of parliamentary institution in England. • To trace the Age of Enlightenment.
9.	CORE COURSE VIII HISTORY OF SCIENCE AND TECHNOLOGY	• To know about the origin of the Science and Technology. • To understand the evolution of Science and Technology.

		• To know the development of Indian Science. • To make the students to understand the development of Science and Technology in Medieval and Modern period. • To understand the Effects of Science and Technology.
10.	ELECTIVE COURSE II A) INDIA AND HER NEIGHBOURS	• To understand the Foreign policy of India. • To trace the relationship of India with the neighbouring states. • To know the role of India in SAARC • To understand the ethnic crisis in Srilanka, Pakistan, Bangladesh.
SEMESTER III		
11.	CORE COURSE IX FREEDOM MOVEMENT IN INDIA	• To understand the need of freedom movement • To know the courses of freedom movement • To know and feel the people‘s conditions of the British rule in India • To know the history of Swaraj and non cooperation movement during the period • To know the reality while partition of India before independence • To understand, how we won our independence
12.	HISTORY OF EUROPE FROM 1789 A.D. TO 1945 A.D.	• To understand the origin of the revolutionary thinking in modern Europe • To study the causes and nature of Revolution in Modern Europe. • To know the significance of French revolution in modern Europe. • To study the impact of Great Depression in Europe. • To analyse the causes and impact of Second War in Europe
13.	CORE COURSE XI INTERNATIONAL RELATIONS SINCE 1945 A.D.	• To understand the definition and scope of the International Politics. • To familiar with the various theories of International politics. • To analyses the post world War II scenario in International relations. • To know the impact of World War II in the Global Economics. • To understand the role of world organizations in peace making process
14.	CORE COURSE XII HISTRIOGRAPHY	• To understand the need for studying history • To analyse definition, nature and scope of history • To know the contribution of historians through

		ages • To evaluate their approaches to history. • To introduce the methodology in writing
15.	ELECTIVE COURSE III A) ENVIRONMENTAL HISTORY (With reference to India)	• To know the various aspects of Eco-system and importance of Conservation. • To study the cultural tradition and colonial policy towards preservation of environment in India. • To analyse the various steps taken towards the preservation of forests in India. • To understand the dangers of Environmental threats due to various kinds of pollutions. • To study the activities of various movements engaged in Environmental protection.
SEMESTER IV		
	CORE COURSE XIII INDIA SINCE 1947 A.D	• To know the significance of parliamentary democracy • To know the importance of Nehru Era • To understand the origin of the various political ideas • To assess the relevance of various ideas to the current scenario
	CORE COURSE XIV CONSTITUTIONAL HISTORY OF INDIA	• To know historical back ground of constitution • To study the unique features of the constitution • To understand the political scenario behind the origin of the constitution • To assess the relevance of various Acts pertaining to the emergence of Indian constitution
	ELECTIVE COURSE IV B) JOURNALISM	• To understand the concepts of journalism • To know the importance of press • To analyze importance of mass media to the society • To study the various press Acts
10.	ELECTIVE COURSE V GENERAL KNOWLEDGE AND CURRENT AFFAIRS	• To understand the functions of solar system • To understand the significant features of constitution • To study the importance of Indian economic plan • To acquire the knowledge of science and technology

S.NO	MA ECONOMICS	COURSE OUTCOME
SEMESTER I		

1.	CORE COURSE I MICRO ECONOMICS I	• To make the students understand the fundamental theories of Microeconomics and their applications.
2	CORE COURSE II MACRO ECONOMICS I	• To make the students to understand the macro economic concepts and their relevance to the economy
3	CORE COURSE III MONETARY ECONOMICS	• To understand the concepts relating to Monetary Economics and their practical applicability.
4.	CORE COURSE IV MATHEMATICAL METHODS FOR ECONOMIC ANALYSIS	• To familiarize the mathematical concepts relating to Economics and their applications.
5.	ELECTIVE COURSE I ENVIRONMENTAL ECONOMICS	• To help students to understand current issues and policies relating to Physical environment.
SEMESTER II		
6.	CORE COURSE V FINANCIAL ECONOMICS	• To gain knowledge about the linkage among financial sub markets.
7.	CORE COURSE VI MICRO ECONOMICS II	• Objective: To make the students understand the fundamental theories of Microeconomics and their applications.
8.	CORE COURSE VII MACRO ECONOMICS II	• To make the students to understand the macro economic concepts and their relevance to the economy.
9.	CORE COURSE VIII STATISTICS	• To help the students understand and apply statistical tools for research
10.	ELECTIVE COURSE II RESEARCH METHODOLOGY	• To make the students understand the methods and steps of doing research in social sciences.
SEMESTER III		
11.	CORE COURSE IX INDIAN ECONOMY	• To make the students understand the structure and functioning of Indian economy
12.	CORE COURSE X INTERNATIONAL BUSINESS	• To make the students understand the consequences of international business on income, employment and social standards.
13.	CORE COURSE XI INDUSTRIAL ECONOMICS	• To help the students understand the basic aspects of industrial structure, finance and Labour
14.	CORE COURSE XII FISCAL ECONOMICS	• To help the students to understand the fiscal economic theories and practices.
15.	ELECTIVE COURSE III PROJECT APPRAISAL	• To help the students to understand the steps and methods of project appraisal.
SEMESTER IV		
16.	CORE COURSE XIII ECONOMICS OF GROWTH AND DEVELOPMENT	• To make the students to understand the concepts of growth and development and their implications on the economy.

17.	CORE COURSE XIV ECONOMICS OF NATURAL RESOURCES	• To enable the students to understand the different types of natural resources and their uses for economic development.
18	ELECTIVE COURSE IV MANAGEMENT INFORMATION SYSTEMS	• To help the students understand the uses of Information Technology for Business.
19.	ELECTIVE COURSE V COMPUTER APPLICATIONS IN ECONOMICS (updated on 16-11-2016) (THEORY ONLY)	• To enable the students to understand the fundamentals of computers, the MS Word, MS Excel, MS Power Point and Internet. • To motive the students to learn the application of most up-to-date technology in the discipline (Economics).

S.NO	M.SC CHEMISTRY	PROGRAMME OUTCOME
	SEMESTER I	
1.	ORGANIC CHEMISTRY I .	• To understand the basic concepts of aromaticity. • To learn the oxidation and reducing reagents for organic synthesis • To learn stereochemistry of organic compounds. • To know the effect of light in organic reactions. • To study the concerted pericyclic reactions
2	INORGANIC CHEMISTRY I	• To understand the basic concepts of main group elements. • To learn the theories and mechanism of reactions of metal complexes. • To study the concepts of photochemistry and its applications.
3	PHYSICAL CHEMISTRY I	• To understand the concepts of group theory and quantum chemistry. • To learn the chemical kinetics and statistical thermodynamics. • To study the theories of kinetics, photochemistry and radiation chemistry.
4.	ORGANIC CHEMISTRY I (P)	• To perform the qualitative analysis of a given organic mixture • To carry out the preparation of organic compounds.
5.	INORGANIC CHEMISTRY I (P)	• To perform the semi-micro qualitative analysis. 2. To estimate the metal ions

		using colorimeter.
SEMESTER II		
6.	INORGANIC CHEMISTRY II	• To understand the role of metal ions in biological process. • To learn the basic concepts of chemotherapy. • To learn the principle of catalysis and reaction mechanisms of organometallics.
7.	PHYSICAL METHODS IN CHEMISTRY I	• To understand the principles of molecular spectroscopy. • To study UV, NMR and IR spectroscopy of organic compounds. • To learn the ESR, ORD and Mass spectroscopy of organic compounds • To know the effect of X-ray, electron, neutron diffractions of compounds.
8.	ORGANIC CHEMISTRY II (P)	• To carry out the qualitative analysis of an organic mixture. • To perform the preparation of organic compounds.
9.	INORGANIC CHEMISTRY II (P)	• To carry out the titrimetric and gravimetric analyses. • To perform the preparation of compounds.
10.	ELECTIVE COURSE-IA (EC-IA) (A) SOLID STATE CHEMISTRY	• To learn the crystal structures of few inorganic solids • To study the chemistry of crystallization and vapour phase transport. • To learn the applications of magnetic materials. • To study the chemistry of organic solids.
SEMESTER III		
11.	ORGANIC CHEMISTRY II	• To understand the nucleophilic and electrophilic substitution reactions. • To learn the addition and elimination reactions. • To study a variety of heterocycles. • To know the chemistry of terpenoids, steroids and alkaloids.
12.	PHYSICAL CHEMISTRY II	• To study the applications of quantum chemistry and group theory. • To understand electrochemistry, adsorption and classical

		thermodynamics.
13.	PHYSICAL CHEMISTRY I (P)	• To perform the various techniques of physical chemistry experiments.
14.	(B) BIO-ORGANIC CHEMISTRY	• To learn the preparation, properties of amino acids and proteins. • To study the activity of enzymes and cofactors. • To know basics of lipids and nucleic acids. • To learn the concept of bioenergetics. • To learn the principles of lead and analogue synthesis.
15.	ANALYTICAL CHEMISTRY	• To learn the instrumental methods • To learn the nature of errors and their types. • To understand the various techniques in chromatography. • To understand the principles and instrumentation of thermoanalytical and fluorescence techniques • To studying detail the electroanalytical techniques.
SEMESTER IV		
	PHYSICAL METHODS IN CHEMISTRY II	• To understand electronic spectroscopy of metal complexes. • To study in detail IR, Raman and NMR of inorganic compounds • To learn the EPR, Mossbauer and magnetic properties of metal complexes.
	PHYSICAL CHEMISTRY II (P)	• To perform the various electrical experiments.
	B)INDUSTRIAL CHEMISTRY	• To know the basic ideas of an industry and industrial wastes. 2. To understand the petroleum and petrochemicals. 3. To understand the functions of portland cement. 4. To study the principles of pulp and paper. 5. To know the preparation of soaps, detergents and perfumes.

	(B) CHEMISTRY OF NANOSCIENCE AND NANOTECHNOLOGY	• To know the synthetic methods of nanomaterials • To understand the characterization of nanomaterials. • To understand carbon clusters and nanostructures. 4. To learn nanotechnology and nanodevices.

S.NO	M.SC PHYSICS	COURSE OUTCOME
	SEMESTER I	
1.	CORE COURSE I MATHEMATICAL PHYSICS	• To learn various mathematical concepts and techniques in vector space, groups and functions of special types to solve physical problems.
2	CORE COURSE II CLASSICAL DYNAMICS AND RELATIVITY	• To learn various mathematical techniques of classical mechanics and their applications to physical systems and introduce relativistic dynamics.
3	CORE COURSE III ELECTRONICS	• To understand the working of advanced semiconductor devices and digital circuits and the utility of OP-AMP and learn the basics of integrated circuit fabrication, applications of timer IC-555 and building block of digital systems.
4.	CORE COURSE IV METHODS OF SPECTROSCOPY	• To familiarize with the basic principles of various spectroscopic techniques and their applications in the determination of atomic structure, chemical composition and physical properties of materials.
5.	CORE PRACTICAL I PHYSICS PRACTICAL I (GENERAL AND ELECTRONICS)	• Experimental determination of certain physical constants and properties and verification of characteristics and applications of electronic components and devices.
	SEMESTER II	
6.	CORE COURSE V ELECTROMAGNETIC THEORY	• To learn the theory for the fields produced by stationary and moving charge and charged systems and propagation of electromagnetic fields.
7.	CORE COURSE VI QUANTUM MECHANICS	• To learn the fundamental concepts and certain theoretical methods of quantum mechanics and their applications to microscopic systems.
8.	CORE PRACTICAL II PHYSICS PRACTICAL II (MICRPROCESSOR AND PROGRAMMING)	• To develop programming skills of microprocessor and C++ programming in solving some mathematical problems and their applications.
9.	ELECTIVE COURSE I MICROPROCESSOR AND MICROCONTROLLER OBJECTIVE	• To learn basic principles of architecture and functioning of microprocessor and microcontroller and programming and interfacing aspects of them.

10.	ELECTIVE COURSE II NUMERICAL METHODS AND C++ PROGRAMMING	• To learn numerical methods of computing certain mathematical quantities, construction and evaluation of a function and solution of an ordinary differential equation and C++ computer programming necessary for numerical simulation of physical problems.
SEMESTER III		
11.	CORE COURSE VII STATISTICAL MECHANICS	• To learn the basics of classical and quantum statistical mechanics and to understand some of their applications.
12.	CORE COURSE VIII SOLID STATE PHYSICS	• To learn the basics of crystal structure and underlying theoretical development for the description of certain properties and phenomena of solid states.
13.	CORE PRACTICAL III PHYSICS PRACTICAL III (GENERAL AND ELECTRONICS)	• Experimental determination of certain physical constants and properties and verification of characteristics and applications of electronic components and devices.
14.	ELECTIVE COURSE III CRYSTAL GROWTH AND THIN FILM PHYSICS	• To understand the theoretical concepts involved in crystal growth and thin film sciences and to learn the basic characterizing techniques of materials.
15.	ELECTIVE COURSE IV NONLINEAR OPTICS	• To learn the basic principles and working of lasers, basic processes and features of nonlinear optical materials and fiber optics.
SEMESTER IV		
16.	CORE COURSE IX NUCLEAR AND PARTICLE PHYSICS	• To learn the various aspects of nucleus and its behavior under various conditions.
17.	CORE COURSE X ADVANCED PHYSICS	• To learn the basics and the advanced applications of physics in the fields of astrophysics, space physics, biomedical science and wireless communication.
18.	CORE PRACTICAL IV PHYSICS PRACTICAL IV (ELECTRONICS)	• Verification of characteristics and applications of electronic components and devices.
19.	ELECTIVE COURSE V NANOPHYSICS	• To learn the structures, properties, characterization and applications of nanomaterials.

S.NO	M.SC COMPUTER SCIENCE	COURSE OUTCOME
SEMESTER I		
1.	CORE COURSE I MATHEMATICAL FOUNDATION FOR COMPUTER SCIENCE	• To learn the basis of the mathematical applications for developing the program.
2	CORE COURSE II WEB TECHNOLOGIES	• To provide fundamental concept of Internet, JavaScript, XML, JSP, ASP with a view to developing professional software development skills.
3	CORE COURSE III DESIGN AND ANALYSIS OF ALGORITHMS	• To study the concepts of algorithms and analysis of algorithms using divide and conquer, greedy method, dynamic programming, backtracking, and branch and bound techniques
4.	CORE COURSE IV DISTRIBUTED OPERATING SYSTEMS	• To study the concepts of distributed computing systems and cryptography.
5.	CORE PRACTICAL I WEB TECHNOLOGIES LAB	• To provide fundamental concept of Internet, JavaScript, XML, JSP, ASP with a view to Developing professional software development skills. •
SEMESTER II		
6.	CORE COURSE V OOAD & UML	• To give a detailed knowledge on Structured approach to system construction, Various object oriented methodologies, Object oriented analysis, Object oriented design and UML examples.
7.	CORE COURSE VI DISTRIBUTED TECHNOLOGIES	• This course aims to build concepts regarding the fundamental principles of distributed systems. The design issues and distributed operating system concepts are covered.
8.	CORE PRACTICAL II DISTRIBUTED TECHNOLOGIES LAB	• To provide fundamental concept of Internet, JavaScript, XML, JSP, ASP with a view to developing professional software development skills
9.	ELECTIVE COURSE I MOBILE COMMUNICATION	• On successful completion of this subject, the students should have understood Wireless networks WAP architecture
10.	ELECTIVE COURSE II ARTIFICIAL INTELLIGENCE	• On Successful completion of the course the students should have: understood the AI & Expert Systems.- Learnt the Heuristic techniques

		and reasoning
SEMESTER III		
11.	CORE COURSE VII DATA MINING AND WARE HOUSING	• On successful completion of the course the students should have: Understood data mining techniques- Concepts and design of data warehousing.
12.	CORE COURSE VIII COMPILER DESIGN	• On successful completion of the subject the students should have Understood the different phases of compiler and needs of the compiler
13.	CORE PRACTICAL - III DATA MINING LAB	• To get hands on experience in developing applications using data mining tool.
14.	ELECTIVE COURSE III PERVASIVE COMPUTING	• On successful completion of the course the students should have: Understand the concept of web applications and WAP fundamentals. Learn the PDA.
15.	ELECTIVE COURSE IV NETWORK SECURITY	• To impart knowledge related to the various concepts, methods of Network Security using cryptography basics, program security, database security, and security in networks.
SEMESTER IV		
16.	CLOUD COMPUTING	To provide understanding on concepts & technologies associated with Cloud Computing.
17.	CORE COURSE X WIRELESS SENSOR NETWORKS	• On Successful completion of the course the students should have understanding wireless sensor nodes, networks and tools.
18.	CORE PRACTICAL IV OPEN SOURCE LAB	• To provide fundamental concept of Internet, JavaScript, XML, JSP, ASP with a view to developing professional software development skills.
19.	ELECTIVE COURSE V BIG DATA ANALYTICS	• To impart knowledge in Fundamentals, Big Data Analytics, Technologies and databases, Hadoop and Map Reduce Fundamentals
20.	Project Work	• The student can get the knowledge to prepare the document, to implement tools for the specific problem and learn the industrial need programs for their placement .

S.NO	**M.SC ZOOLOGY**	**COURSE OUTCOME**
SEMESTER I		

1.	CORE COURSE I ANIMAL TAXONOMY, PHYLOGENY AND BIODIVERSITY	• Animal diversity which is an essential topic for biologists to know the distribution,taxonomy and phylogeny of animal. • To enlighten the primitive forms of invertebratesand vertebrates distribution. To help our students to understand the status and modeof living of different forms of animals.
2	CORE COURSE II CELL AND MOLECULAR BIOLOGY	• This course facilitates to understand the structure at molecular level andfunction of prokaryote and eukaryote cell. To enlighten our students about thecellular organelles and its functions. The knowledge in Cell communicationsand signaling pathways.
3	CORE COURSE III MOLECULAR GENETICS AND EVOLUTION	• To enlighten our students about the DNA and its functions. The knowledge in themolecular biology and genetics will provide diagnosis of genetic disorders and treatmentat molecular level. It provides basic information of molecular phylogenies and evolution
4.	CORE COURSE IV DEVELOPMENTAL BIOLOGY	• This course provides the process of early embryonic development and reviewthe current development in the field of embryology. The formation of embryoand embryological disorders and treatment methodology. Precaution andhealth care during pregnancy and gestation.
5.	CORE PRACTICAL I ANIMAL TAXONOMY, PHYLOGENY AND BIODIVERSITY, CELL AND MOLECULAR BIOLOGY, MOLECULAR GENETICS AND EVOLUTION & DEVELOPMENTAL BIOLOGY (P)	• To obtain knowledge about the identification and classification of animals. T • To get theinformation of animal population - the phylogeny and fossil forms in the title of animaldiversity. • To impart the knowledge and concepts of Cell and Molecular Biology,Molecular Genetics and Evolution, Developmental Biology
SEMESTER II		
6.	CORE COURSE V ANIMAL PHYSIOLOGY	• Animal Physiology helps the students in understanding how the body functionsadapts with respect to its external and internalenvironment, related to nervousintegration, sensation, metabolism and reproduction.
7.	CORE COURSE VI BIOCHEMISTRY AND BIOPHYSICS	• This paper gives information about the biochemical and biophysical aspectsrelated to living organisms. The life supporting molecules, their metabolism,biological oxidation and its

		relevance. Biophysical aspects and theirproperties.
8.	CORE PRACTICAL II ANIMAL PHYSIOLOGY & BIOCHEMISTRY AND BIOPHYSICS (P)	• To obtain knowledge about the physiological mechanism from animal models on respiration,excretion and some blood parameters. To identify the endocrine glands and their secretions.
9.	ELECTIVE COURSE I (A) APPLIED BIOTECHNOLOGY	• This paper deals with the applied aspects of biotechnology in medical,agricultural, industrial, microbial and environmental fields. • The uses of therecombinant techniques and its application for the betterment of mankind.
10.		•
SEMESTER III		
11.	CORE COURSE VII MICROBIOLOGY	• This paper instruct the students the History and Scope of microbiology,Microbial Technology, Microorganisms and Environment, food microbiology,microbial diseases and treatment.
12.	CORE COURSE VIII BIOSTATISTICS AND COMPUTER APPLICATIONS	• The aim of this paper is to know the statistical problems in biological sciencewhich is useful for the students for their research works. A basic knowledge incomputer and its applications for further research.
13.	CORE PRACTICAL III Microbiology & Biostatistics and Computer applications (P)	• To obtain practical knowledge about the microbial mechanism fromexperiments with growth and metabolism. To identify the problems related tobiological sciences and biostatics. The use of computers in biological field.
14.	CORE COURSE IX ENVIRONMENTAL BIOLOGY	• The main aim of this paper is to give information about the environment ofbiotic and abiotic factors, bio-geo chemical cycles, Habitat, populationecology,pollution and their control measures. The toxicant related withenvironment, the toxic effects in different fields and to find out theenvironmental pollutants.
15.	CORE COURSE X IMMUNOLOGY	• The main aim of this paper is to obtain knowledge about immune systems,cells of immunity and its role in protection of our body .Antigen, antibodyconcepts, hypersensitivity, MHC and complement pathways. Differentimmunological techniques used in the clinical testing.
SEMESTER IV		

16.	CORE PRACTICAL IV ENVIRONMENTAL BIOLOGY	• To obtain practical knowledge about environmental biology and immunology
17.	CORE COURSE X IMMUNOLOGY (P)	• The main aim of this paper is to obtain knowledge about immune systems, cells of immunity and its role in protection of our body .Antigen, antibody concepts, hypersensitivity, MHC and complement pathways. Different immunological techniques used in the clinical testing.
18.	ELECTIVECOURSEV(A) SERICULTURE	• The main aim is to give information about the culture of silkworm. It gives an idea for the self-employment opportunities to the students. The role of different research organizations and funding agencies to promote Sericulture.
19.	ELECTIVE COURSE V (B) AQUACULTURE	• The main aim is to give information about the culture of fishes and crabs. It gives an idea for the self- employment opportunities to the students. The role of different research organizations and funding agencies to promote aquaculture.

S.NO	**M.SC VISUAL COMMUNICATION**	**COURSE OUTCOME**
	SEMESTER I	
1.	CORE COURSE I DYNAMICS OF VISUAL COMMUNICATION	• To understand principles of visual communication fundamentals to learn the • Different perspectives on visual application, design, language and culture.
2	CORE COURSE II IMAGE AND IMAGINATION	• To understand principles of design elements and develop the creative thinkingby learning the basics through theories of image and imagination process.
3	CORE COURSE III DESIGN PRINCIPLES AND PACKAGING	• To understand principles and elements of design with the various designsoftware applications and exhibiting the nuances packaging processes.
4.	CORE COURSE IV INTRODUCTION TO FILM STUDIES	• To know the background of Indian and foreign cinema and identify the techniques in • Film productions and film as medium of social change.

5.	CORE PRACTICAL I PROFESSIONAL PHOTOGRAPHY (P)	• To understand the professional aspects of photographic features and its working techniques.
SEMESTER II		
6.	CORE COURSE V WRITING FOR THE MEDIA	• To know the writing style for different media with an understanding of its medium andaudience characteristics for its diverse programmes.
7.	CORE COURSE VI THEORIES OF COMMUNICATION AND VISUAL ANALYSIS	• To understand the theoretical knowledge on communication from thenormative period to the present practices with the sociological, psychological,Marxist, semiotic and feminist approach to theoretical perspective in visualmedium.
8.	CORE PRACTICAL II MULTIMEDIA AND APPLICATIONS (P)	• To understand the professional aspects of multimedia features and its working applications.
9.	ELECTIVE COURSE I ADVERTISING AND PUBLIC RELATIONS	• To understand the advertising basics with the marketing perspective and therole of public relations as an industry and also the need for PR in media centre's itself.
SEMESTER III		
11.	ELECTIVE COURSE II FUNDAMENTALS OF SOUND	• To have knowledge of sound from basics to the digital along studiocommunication set up and its functioning of various accessories associatedwith the sound recording.
12.	CORE COURSE VII DEVELOPMENT COMMUNICATION	• To have a comprehend understanding on communication as a tool fordevelopment from the beginning of independence to the practice ofcommunication in the ICT era.
13.	CORE COURSE VIII COMMUNICATION RESEARCH METHODS .	• To have a knowledge on research in social sciences and in the discipline ofcommunication from the identification of research problem, execution andreport writing
14.	CORE PRACTICAL III AUDIO AND VIDEO PRODUCTION TECHNIQUES (P)	• To introduce students to the field of television production and to understand the basics of television production.
15.	ELECTIVE III AUDIO VISUAL MEDIA	• To have an overview of the communication media's development, structure,characteristics and functioning and policies related to the broadcasting inIndia.
SEMESTER IV		

16.	ELECTIVE COURSE IV CONTEMPORARY MEDIA SYSTEMS	• To have an outline of the different media practice in various countries andunderstand its characteristics of its content and its audience.
17.	CORE COURSE IX MEDIA MANAGEMENT	• To understand the organizational structure of various media organizations andfunctioning of different departments from policy making to implementations.
18.	CORE COURSE X MEDIA ETHICS .	• To know the ethical issues in media and to understand and practice it in democratic set up with social responsibility
19.	CORE PRACTICAL IV WEB DESIGNING PRINCIPLES AND TECHNIQUES (P)	• To understand principles of visual communication fundamentals to learn the • Different perspectives on visual application, design, language and culture.
20.	ELECTIVE COURSE V CULTURE AND COMMUNICATION	• To recognize and identify the cultural association of the society and application of it with to give an indigenous way of effective communication.
	PROJECT DISSERTATION & INTERNSHIP DISSERTATION	• To demonstrate the student's competence in a chosen area of specialization • with a view of gaining a placement in the Media Industry.

M.Phil PROGRAM

S.NO	M.Phil	COURSE OUTCOME
1.	COMMERCE COURSE IV TEACHING AND LEARNING SKILLS	• acquaint different parts of computer system and their functions • understand the operations and use of computers and common accessories • develop skills of ICT and apply them in teaching learning context and Research • appreciate the role of ICT in teaching, learning and Research • acquire the knowledge of communication skill with special reference to its elements, types, development and styles

		• understand the terms communication Technology and Computer mediated teaching and develop multimedia/E-content in their respective subject • understand the communication process through the web • acquire the knowledge of instructional
2.	ENGLISH COURSE IV TEACHING AND LEARNING SKILLS	• acquaint different parts of computer system and their functions • understand the operations and use of computers and common accessories • develop skills of ICT and apply them in teaching learning context and Research • appreciate the role of ICT in teaching, learning and Research • acquire the knowledge of communication skill with special reference to its elements, types, development and styles • understand the terms communication Technology and Computer mediated teaching and develop multimedia/E-content in their respective subject • understand the communication process through the web • acquire the knowledge of instructional
3.	HISTORY COURSE IV TEACHING AND LEARNING SKILLS	• acquaint different parts of computer system and their functions • understand the operations and use of computers and common accessories • develop skills of ICT and apply them in teaching learning context and Research • appreciate the role of ICT in teaching, learning and Research • acquire the knowledge of communication skill with special reference to its elements, types, development and styles • understand the terms communication Technology and Computer mediated teaching and develop multimedia/E-content in their respective subject • understand the communication process through the web acquire the knowledge of instructional
4.	MATHS	

	COURSE IV TEACHING AND LEARNING SKILLS	• acquaint different parts of computer system and their functions • understand the operations and use of computers and common Accessories • develop skills of ICT and apply them in teaching learning context and Research • appreciate the role of ICT in teaching, learning and Research • acquire the knowledge of communication skill with special reference to its elements, types, development and styles • understand the terms communication Technology and Computer mediated teaching and develop multimedia / e-content in their respective subject • understand the communication process through the web • acquire the knowledge of Instructional Technology and its Applications • develop different teaching skills for putting the content across to targeted audience
5.	PHYSICS COURSE IV TEACHING AND LEARNING SKILLS	• acquaint different parts of computer system and their functions • understand the operations and use of computers and common • develop skills of ICT and apply them in teaching learning context and Research • appreciate the role of ICT in teaching, learning and Research • acquire the knowledge of communication skill with special reference to its elements, types, development and styles • understand the terms communication Technology and Computer mediated teaching and develop multimedia / e-content in their respective subject • understand the communication process through the web • acquire the knowledge of Instructional Technology and its Applications • develop different teaching skills for putting the content across to targeted audience

6.	COMPUTER SCIENCE COURSE IV TEACHING AND LEARNING SKILLS	• acquaint different parts of computer system and their functions • understand the operations and use of computers and common Accessories • develop skills of ICT and apply them in teaching learning context and Research • appreciate the role of ICT in teaching, learning and Research • acquire the knowledge of communication skill with special reference to its elements, types, development and styles • understand the terms communication Technology and Computer mediated teaching and develop multimedia / e-content in their respective subject • understand the communication process through the web • acquire the knowledge of Instructional Technology and its Applications • develop different teaching skills for putting the content across to targeted audience
7.	ZOOLOGY COURSE IV TEACHING AND LEARNING SKILLS	• acquaint different parts of computer system and their functions • understand the operations and use of computers and common Accessories • develop skills of ICT and apply them in teaching learning context and Research • appreciate the role of ICT in teaching, learning and Research • acquire the knowledge of communication skill with special reference to its elements, types, development and styles • understand the terms communication Technology and Computer mediated teaching and develop multimedia / e-content in their respective subject • understand the communication process through the web • acquire the knowledge of Instructional Technology and its Applications • develop different teaching skills for putting the content across to targeted audience