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Sir P. T. Science College, Modasa

Managed by : The M. L. Gandhi Higher Education Society, Modasa.

(Accredited B** by NAAC)

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સર પી. ટી. સાયન્સ કૉલેજ, મોડાસા
મોડાસા-૩૮૩ ૩૧૫ (ગુજરાત)

ઝોન નંબર - ૬૩

College Code : 127 / 32

Ref. No.

Date : / /201

PROGRAMME OUTCOME

CHEMISTRY

Department of Chemistry

Programme Outcome	Students will demonstrate an understanding of major concepts in all disciplines of chemistry. Students will employ critical thinking and the scientific method to design, carry out, record and analyze the results of chemical experiments and get an awareness of the impact of chemistry on the environment, society, and other cultures outside the scientific community.
Programme Specific Outcome	The ability to explain chemical nomenclature, structure, reactivity, and function in their specific field of chemistry. The design and execution of the experiment should demonstrate an understanding of good laboratory and the proper handling of chemical waste streams and also explain how the applications of Chemistry relates to the real world.

Course Outcomes

Course	Outcomes
Chemistry Paper-CC CH 101	To enable to the students to learn about the chemical bonding in variety of molecules by using various theories, introduction, structure and properties of organic molecules and reaction mechanism, various law of thermodynamics and Analytical Chemistry.
Chemistry Practical Paper-LC CH 101	To enable to the students to learn about the Semi micro qualitative analysis of Inorganic powders, Preparation of standard solutions and different volumetric analysis.
Chemistry Paper-CC CH 201	Introduction of coordination compounds, geometry and their applications in various fields, basic knowledge of stereochemistry of organic compounds, chemical kinetics, nuclear chemistry and principle, mechanism and applications of volumetric analysis.
Chemistry Practical Paper-LC CH 201	To enable to the students to learn about the identification of Organic compounds by semi-micro methods, Volumetric titrations of various mixtures, calibration of burette and pipette.
Chemistry Paper-CC CH 301	The students to learn basic knowledge of wave mechanics, to understand properties of acid and base, organic compounds by various effects, phase equilibrium and their application and partial molar properties.
Chemistry Paper-CC CH 302	To enable to the students to learn about the chemistry of noble gases, bio-chemistry of amino acids and peptides, electrophilic aromatic substitution reactions, physical properties of liquids.
Chemistry Practical Paper-LC CH 301	To enable to the students to learn about the instrumental techniques for quantitative analysis and chemical kinetics, semi- micro analysis of water insoluble binary mixture,
Chemistry Paper-CC CH 401	To enable the students to learn about Crystal field theory, magnetic properties of coordination compounds. Heterocyclic compounds for five and six membered carbohydrates as well as
	different titrations of acids.
Chemistry Paper-CC CH 402	To enable the students to learn about Boron hydrides, basic spectroscopic techniques and its applications in chemical industries. Knowledge of Electrochemistry and different electrode used in the various instrumentation techniques.
Chemistry Paper-SE CH 401A	To enable the students to learn about the mechanism and synthetic application of name reactions e.g. Arndt-Eistert reaction, Hofmann rearrangement, aldol condensation, Diels- alder reaction, Dieckmann condensation, clemmensen reduction, Dakin reaction
Chemistry Paper-SE CH 401B	To enable the students to learn about the basics of green chemistry and designing of green synthesis in chemistry.

Chemistry Practical Paper- LC CH 40	To enable all the students for the basic knowledge of chemical analysis of inorganic compounds, volumetric techniques as well as chromatographic Techniques. chromatography of 1st and 3rd group radicals.
Chemistry Paper-CC CH 501	To enable the students to learn about reaction mechanism of coordination compounds and their applications in industry, Organo Metallic Compounds (OMC) and Corrosion with their types and importance.
Chemistry Paper-CC CH 502	To enable the students to learn about the fundamental knowledge of stereochemistry, carbohydrates, isoprenoids and nucleophilic substitution at saturated carbon atom with understand the importance.
Chemistry Paper-CC CH 503	To enable the students to learn about electromotive force, Statistical Thermodynamics and macromolecules with understand the importance.
Chemistry Paper-CC CH 504	To enable the students to learn about symmetry of molecules and NMR Spectroscopy and Acid base Titration with understand the importance.
Chemistry Paper-SE CH 505 A	To enable the students to learn about the dyes, their classification, Synthesis and uses of Congo Red, Eosin, Alizarin, Crystal violet, Indigo, Sefronine –T, Methylene Blue, Ereochrom Black –T, Rhodamine, Rosanilin
Chemistry Paper-SE CH 505 B	To enable the students to learn about the Oils, Fats and Waxes and their analysis,
Chemistry Paper-SE CH 505 C	To enable the students to learn about the paints, varnishes and their difference.
Chemistry Paper-SE CH 505 D	To enable the students to learn about the cosmetics, their analysis, types and their effect on health.
Chemistry Paper-SE CH 505 E	To enable the students to learn about the production and purification of metals, microbial metallurgy, Extraction, Separation and Purification of Al and Ge from its Ore
Chemistry Practical Paper- LC CH 507	To predict the outcome and mechanism of some organic separations, determination, identifications with preparation of derivatives. Various metals analysis by gravimetric and volumetric by conventional method.

Chemistry Paper-CC CH 601	To equip the knowledge of molecular orbital theory, hybridization, physical and chemical properties of metal carbonyl and essential elements as well as the study of invitro and in vivo in bioorganic chemistry.
Chemistry Paper-CC CH 602	To enable the students, the basic knowledge of Markovnicovs and antimarkovnicovs and Ketoenol tautomerism and the mechanism of Bimolecular displacement of SN1and SN reactions.
Chemistry Paper-CC CH 603	To enable the students to learn about the First, Second, Third Law of Thermodynamics, Photochemical Reactions and its theoretical aspects.
Chemistry Paper-CC CH 604	To develop the students based on the term symbols and spectra related to the d1-d9 octahedral complex. And learn about the symmetry andSpectroscopy related to the IR, UV, and NMR Spectra and the TLC, HPLC Chromatography techniques and its applications.
Chemistry Paper-SE CH 605 A	Students will understand the concept of Classification and Nomenclature of polymers, Isomerism of polymers, Chain growth polymerization, Mechanism of free-radical, Cationic and Anionic polymerization, Membrane Osmometry, Viscometry and Light Scattering.
Chemistry Paper-SE CH 605 B	Students will understand the History and Types of Portland Cement, Indian Standard Institute (ISI) Specification of Cement, Manufacturing process of Portland Cement.
Chemistry Paper-SE CH 605 C	To enable the students to learn about the Food Additives, functionalities Assessment, Classification of Food additives, List of Authorized Food Additives, Risk benefit Ratio
Chemistry Paper-SE CH 605 D	To enable the students to learn about the Soap and its manufacture, Recovery of glycerin from spent lye, Principal groups of synthetic detergents, Eco-friendly detergents & Manufacture of shampoos
Chemistry Paper-SE CH 605 E	To enable the students to learn about the Introduction, Definition, and Scope of Forensic Science, Relationship with reference to Crime Investigation, Introduction & Classification of Toxicology, Extraction & Analysis of Poisons.
Chemistry Practical Paper-LC CH 607	To enable the skill development in students about semi micro qualitative analysis, estimations, intermediates, their application and uses in the industries than the students can utilized their way of knowledge in industries to develop the small scale.

MATHS

Department of Mathematics

Programme Outcome	Students will learn an understanding of major concepts, principal in all disciplines of Mathematics.
	Students know about four major focusing areas . Logical reasoning and motivation ,analysis and problem solving ,information and technology proficiency.
	The programme leading to this degree provides the opportunities to develop and
	demonstrate knowledge and understanding in the following areas.
	When one has completed this degree she/he will have knowledge and
	understanding of the fundamental concept ,principles and techniques from a range
Programme Specific Outcome	of topic areas. When one has completed this degree she/he will be able to understand how to solve some problems using the methods taught and develop abstract mathematical
	thinking.
	When one has completed this degree she/he will be able to demonstrate the
	communication clearly knowledge , ideas and conclusions about mathematical and
	improve his/her own learning and performance.

Course Outcomes

Course	Outcomes
Mathematics Paper-CC Math 111	To enable the students to learn about successive differentiation ,integration, Describe the various forms of equation of a plane, straight line, Sphere, Cone and Cylinder.
Mathematics Paper-PC Math 111	Students will understand the practical use of successive differentiation , integration, Describe the various forms of equation of a plane, straight line, Sphere, Cone and Cylinder.
Mathematics Paper-ESMAT 111	To enable the students to learn about set theory ,functions.
Mathematics Paper-CC Math 122	Students will able to Compute sums, products, quotients, conjugate, modulus, and argument of complex numbers. • Calculate exponentials and integral powers of complex numbers. • Write equation of straight line, circle in complex form. Students will able to • Extract the solution of differential equations of the first order and of the first degree by variables separable, Homogeneous and Non-Homogeneous methods. • Find a solution of differential equations of the first order and of a degree higher than the first by using methods of solvable for p, x and y. • Compute all the solutions of second and higher order linear differential equations with constant coefficients, linear equations with variable coefficients.
Mathematics Paper-PC Math 122	Students will understand the practical use of complex number and differential equation and its application .
Mathematics Paper-ESMAT 12	To enable the students to learn about game theory, saddle point ,and industrial mathematics
Mathematics Paper-CC Math 301	Enable the student to get understand the limit ,continuity and partial derivatives ,application of partial derivatives,vector space ,linear transformation .
Mathematics Paper-PC Math 301	Students will understand the practical use of limit,continuity and partial derivatives ,application of partial derivatives,vector space ,linear transformation .
Mathematics Paper-ESMAT 21	To enable the students to learn about logical statement,compound statement ,set theory de morgan'slow,permutation and combination

Mathematics Paper-CC Math 302	Students will able todefine Basic concepts of operators Δ,E, ∇ • Find the difference of polynomial • Solve problems using Newton forward formula and Newton backward formula. • Derive Gauss's formula and Stirling formula using Newton forward formula and Newton backward formula. • Find maxima and minima for differencial difference equation • Derive Simpson's 1/3 ,3/8 rules using trapezoidal rule • Find the solution of the first order and second order equation with constant coefficient • Find the summation of series finite difference techniques • Find the solution of ordinary differential equation of first by Euler, Taylor methods
Mathematics Paper-PC Math 302	To enable the students how to practically use Newton forward formula and Newton backward formula. Gauss's formula and Stirling formula using Newton forward formula and Newton backward formula. Simpson's 1/3 ,3/8 rules using trapezoidal rule Euler, Taylor and Runge-Kutta methods
Mathematics Paper-CC Math 401	To enable the students to learn about curvature and radius of curvature ,multiple integration ,vector analysis and line &surface integral.
Mathematics Paper-PC Math 401	To enable the students to learn about the practical use of double integral, Beta and Gamma function. Green's Theorem, Stoke's Theorem, Dual Space, Caycle Hamilton theorem.
Mathematics Paper-CC Math 402	To enable the students to learn about Vector Space, Quotient space Direct sum, linear span and linear independence, basis and inner product. Discuss the linear transformations, rank, nullity. • Find the characteristic equation, Eigen values and Eigen vectors of a matrix. • Prove Cayley- Hamilton theorem, Schwartz inequality, Gramschmidt orthogonalisation process. • Solve the system of simultaneous linear equations.
Mathematics Paper-PC Math 402	The students will understand the use of different methods like false position, bisection, N-R method, Bessel's method, Euler's method, Graph of different functions.
Mathematics Paper-CC Math 501	Students will able to know about group, subgroup, normal, center, Normalizer of a subgroup, cyclic group, quotient group, permutations, homomorphism, Isomorphism and its applications.
Mathematics Paper-CC Math 502	The students will learn about number system, basic topology, sequence and series and its applications.
Mathematics Paper-CC Math 503	The students will learn about the solutions of second and higher order, linear differential equations with constant coefficients, linear equations with variable coefficients, simultaneous linear equations with constant coefficients and total differential equations. Formation of partial differential equations. The student also know the solution of First order partial differential equations by some standard methods.
Mathematics Paper-CC Math 504-C	The students will learn about simplex method, Two Phase Method, Big-M Method and Graphical method to solve LPP.
Mathematics Paper-PC Math 501 TO 504	Students can understand the use of MATLAB. Using MATLAB students can calculate examples of vectors and matrices, polynomials, graphics, ordinary linear differential equation. The student can find the value of definite integral.
Mathematics Paper-CC Math 601	Students will able to know about ring, zero divisors, division ring, field, integral domain, quotient ring, maximal ideals and prime ideals of polynomial and its applications.
Mathematics Paper-CC Math 602	The students to learn about limit, continuity, differentiation of two variables, the Riemann stieltje's integral, sequence and series of functions and their results.

Mathematics Paper-CC Math 603	Students will able to know about some well ordering principle, Mathematical Induction, Binomial Theorem, Division Algorithm, Euclidean Algorithm, Prime and Composite Numbers, Theory of Congruence, Residue Classes, Fermat-Euler and Wilson Theorems and its Applications.
Mathematics Paper-CC Math 604	Students will able to learn sequencing Problems, Game Theory, Transportation Problems.
Mathematics Paper-Subject Elective	Students will able to know about LPP formulation, Graphical Method, correlation and regression analysis.
	Students increase knowledge and skill in the fundamentals

PHYSICS

PHYSICS DEPARTMENT

Programme Outcome	Student learns concepts of physics theoretically some of the concepts are tested through experiments some pure theoretical fundamentals are purely understood through the mathematical framework.
Programme Specific Outcome	Some pure theoretical concepts are studied by the students are indirectly applicable to the recent technology so, indirectly students can keep the pace with current trends in science and technology.

Course Outcomes

Courses	Outcomes
CC-PHY-101	Acquire knowledge of mechanical physics using mathematical concept, understand electricity and magnetism, learn about thermodynamics, and know basic electronic component and construction of electronic devices.
PC-PHY-101	Experimental knowledge of general physics, electricity, electronics, magnetism etc.
CC-PHY-201	Students aware of classical physics, different natural phenomena through optics, static electricity, magnetism and physics of sound.
PC-PHY-201	Hand shake with basic practical regarding optics, magnetism and electricity, electronics and understand the working of different system used in our daily life.
ES PHY 01	Understand construction of basic measurement, optical and electrical instrument and its uses in daily life.
ES PHY 02	Basic understanding of electrical component use in circuit construction and its application in everyday life.
ES PHY 03	Know about electronic circuit elements & energy sources use during daily life.
CC-PHY-301	Obtaining knowledge of thermodynamics, optics, solidstate physics and special theory of relativity.
PC-PHY-301	Experimental knowledge of relevant concepts to the theory.
CC-PHY-302	Obtaining knowledge of electrostatic, magneto static, transistor, solid state devices.
PC-PHY-302	Experimental knowledge of relevant concepts to the theory.
CC-PHY-401	Gaining knowledge of optics, solid-state physics and basic quantum mechanics.
CC-PHY-402	Obtaining clearity of electronics specifically digital electronics and

	nuclear physics particurly radioactivity and detectors, spectroscopy, Programming in C.
PC-PHY-401	Experimental testing of relevant concept.
PC-PHY-402	Experimental testing of relevant concept.
ES-PHY-04	Obtaing knowledge of vacuum pumps and working of optical instruments like travelling microscope, electrical instrument like galvanometer, multimeter, earphone etc.
ES-PHY-05	Obtaing knowledge of Sun and Solar Radiation, Cosmic rays and High energy astrophysics.
CC-PHY-501	Get acquainted with mathematical physics like differentiation equation .describe the motion of macro particles with help of classical mechanics. langrangian formulation and motion of rigid body is vey helpful and general formulation of wave mechanics also helpful to describe for describe micro particles.
CC-PHY-502	Acquiring knowledge of macroscopic and microscopic state statistical ensemble and free electron theory of metal, plasmons, polarons, and characteristics of plasma in magnetic field.
CC-PHY-503	Students acquire concepts of radioactivity focusing on alpha decay paradox, beta emmition and gamma ray emission mechanism, fission and elementary particle. Students also obtained knowledge of pure rotational vibrational electronic and things related Raman effect.
CC-PHY-504	Pertaining to topic electronics, network thyristors devices and transistor amplifier. Students get acquitted students also get clear idea about power supply along with programming in C.
PC-PHY-501	Experimental knowledge related to general physics thermocouple is obtained fortifying concepts of physics rigoursly.
PC-PHY-502	Experimental knowledge related to spectroscopy. Optical physics is obtained fortifying concepts of physics rigoursly.
PC-PHY-503	Experimental knowledge related to magnetic field knowledge of CRO obtained fortifying concepts of physics rigoursly.
PC-PHY-504	Experimental knowledge related to transistorized oscillator and digital ectronics is obtained fortifying concepts of physics rigoursly.
CC-PHY-601	Theoretical physics, pertaining to classical mechanics and mathematical physics in understood. Quantum mechanics helps sense of smallest things in nature like protons neutrons and electrons .mathematics use to

	study in electromagnetic wave.
CC-PHY-602	With reference to F.D.B.E. is understood along with solid state physics, holography and fiber optics.
CC-PHY-603	Laplace equation regarding to potential, multiple expansion, faraday's law and core part of electrodynamics Maxwell equation renewable energy sources are clearly understood in this course.
CC-PHY-604	Feedback amplifier, process of modulation along with digital electronics acquainted in this paper. paper also give glimpse of programming in C.
PC-PHY-601	Experimental knowledge related to general physics, solar cell is obtained fortifying concepts of physics rigoursly.
PC-PHY-602	Experimental knowledge related, optics-interference is obtained fortifying concepts of physics rigoursly.
PC-PHY-603	Experimental knowledge related to general physics, magnetism obtained fortifying concepts of physics rigoursly.
PC-PHY-604	Experimental knowledge related to oscillation abd feedback ampifire is obtained fortifying concepts of physics rigoursly.
ES-PHY-07	Measuring instrument of optics e.g. Michelson interferometer,C.R.O. in electronics and G.M. counter in nuclear physics is clearly understood.
ES-PHY-08	Theory of LESER AND How LESER WORK IS understood in Optoelectronics instruments mechanics is given along with electro microscope and F.P. interferometer.

BOTANY

DEPARTMENT OF BOTANY	
Program Outcomes (PO)	This program is providing a vital step leading to many opportunities for a rewarding career. Students develop critical thinking, effective communication, creativity, independent judgment and versatility through this in different perspectives.
	Environment and Biodiversity: Understand the issues of environmental contexts and Biodiversity.
	Self-directed and Life-long Learning: Acquire the ability to engage in independent and life-long learning in the Biological science.
	Effective Communication: Speak, read, write and listen clearly in person and through electronic media in Gujarati and English. Connect with the world through people, ideas, books, media and technology.
	Ethics: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.
Program Specific Outcomes (PSO)	Through this program students get basic knowledge and Understand concepts of Cell biology, Biochemistry, Biostatistics, Genetics, Plant Taxonomy, Plant Pathology and Ecology.
	Student Perform practical work procedures as per laboratory standards in the areas of Biochemistry, Physiology, Embryology, Taxonomy, Economic Botany and Ecology.
	Completion of these program students is eligible for various jobs in Government and private sector. They also selected as Government employee like in forest, Nurseries, various laboratory assistant, pharmaceutical companies directly.
	After completion of this program students are eligible for admissible in Master degree program.

B.Sc. Course Outcome (CO)

Course	Outcome
Botany Paper –CC BOT-111	**Cell Biology:** Student conversant to cell theory, various organelles and their function. **Biology of Cryptogams:** Students enable to study about Algae and Fungi. **Anatomy:** Learn the internal structure of plants. **Environmental Biology:** It provides knowledge about Ecology, Climatic factors and Ecosystem.
Botany Paper –PC BOT-111	Practical knowledge and the implementation as per theory studied.
Botany Paper –CC BOT-122	**Genetics:** The students studied about Mendelian genetics and gene interaction. **Biology of Cryptogams:** This unit provides the life history and classification of Bryophyte and pteridophyte. **Angiosperm Morphology:** Studied about leaf morphology. **Plants and Human welfare:** Studied about some selected plant resources.
Botany Paper –PC BOT-122	Practical knowledge and the implementation as per theory studied.
Botany	**Morphology:** Studied about floral morphology.

Paper –CC BOT-211	**Gymnosperm and Palaeobotany:** Studiedthe life cycle of Cycas, Fossils of Pteridophytes and Gymnosperms. **Cell Biology:** Studied about Cell wall,Cell division and cellular interaction.
Botany Paper –CC BOT-212	**Plant Physiology:** Studied about water, solution and plant water relation. **Plant Ecology:** Studied about plant ecological study. **Genetics:** The students studied about Quantitavi Genetics, Linkage, Crossing over and multiple alleles.
Botany Paper –PC BOT-211	Practical knowledge and the implementation of the concepts studied.
Botany Paper –PC BOT-212	Practical knowledge and the implementation of the concepts studied.
Botany Paper- ES-213	**Biodiversity:** Students will learn the type, scope, value, conservation and threats of Biodiversity.
Botany Paper –CC BOT-221	Students studied morphology of fruits. The life cycle of sunflower and maize, classification of flowering plants as per Bentham and Hooker's system, and plant tissues.
Botany Paper –CC BOT-222	Students studied the Angiosperm Embryology like Microsporangium, Mega sporangium, Fertilization and Embryo development. Definition, types, classification and function of carbohydrates, protein, lipids and amino acids. Water Absorption and Transpiration in Plants.
Botany Paper –PC BOT-221	Practical knowledge and the implementation of the concepts studied.
Botany Paper –PC BOT-222	Practical knowledge and the implementation of the concepts studied.
Botany Paper- ES-211	**DNA –a molecule of Life:** Studied about structure and function of DNA
Botany Paper –PC BOT-211	Practical knowledge and the implementation of the concepts studied.
Botany Paper –PC BOT-212	Practical knowledge and the implementation of the concepts studied.
Botany Paper –CC BOT-311	Students enable to study about life cycle of algae, fungi and some plant diseases.
Botany Paper –CC BOT-312	Students will learn about the life cycle of Bryophytes, Pteridophytes and Gymnosperms with appropriate example.
Botany Paper –CC BOT-313	Students will learn about some Angiosperm families, Autecology, biotic, abiotic and Edaphic factors. Plant anatomical studies like nodal anatomy, stomata, ergastic substances and Secretory tissues in plants.
Botany Paper –CC BOT-314	The students should have a sound knowledge about cell organelles, Non medelian inheritance and chromosomal aberrations. Cell structure of bacteria, immune response and biostatistics.
Botany Paper –PC BOT-311	Practical knowledge and the implementation of the concepts studied.
Botany Paper –PC BOT-312	Practical knowledge and the implementation of the concepts studied.
Botany Paper –PC BOT-313	Practical knowledge and the implementation of the concepts studied.
Botany Paper –ES BOT-303	Student enable to Air pollutant and Air pollution like Green house effect, Global worming Acid rain.

Botany Paper –CC BOT-321	Students enable to Gene, DNA, RNA, Transcription, Translation and Genetics of Plants. Studies on various plant disease and causal organism. Students also learn Lichens and Angiosperm taxonomy.
Botany Paper –CC BOT-322	Students learn about lipids, vitamins and Enzymes. Tanslocation and process of photosynthesis, respiration Photoperiodism and seed dormancy.
Botany Paper –CC BOT-323	Students will learn Economic Botany, Plant tissue culture and Biotechnology. They also learn Sex determination and Linkage, Cytoplasmic Heredity in Genetics and Energy flow in ecosystem and production ecology.
Botany Paper –CC BOT-324	Students enable with internal structure of stem and root, staining and mounting techniques and plant breeding technology cross and self pollinated plants.
Botany Paper –PC BOT-321	Practical knowledge and the implementation of the concepts studied.
Botany Paper –PC BOT-322	Practical knowledge and the implementation of the concepts studied.
Botany Paper –PC BOT-323	Practical knowledge and the implementation of the concepts studied.
Botany Paper –ES BOT-302	Students will know about the fresh water and its Ecosystem, Aquatic food web, Threats and Global issues of aquatic system.

ENGLISH

DEPARTMENT OF ENGLISH	
Program Outcomes (PO)	This program is providing a vital step leading to many opportunities for a rewarding career. Students develop critical thinking, effective communication, creativity, independent judgment and versatility through this in different perspectives.
	To enable the students to speak basic English. Developing personal and professional and vocational abilities through effective spoken skills as well as other aspect of ENGLISH language.
	On successful competition of the programme students will be more efficient in English.
	Effective Communication: Speak, read, write and listen clearly in person and through electronic media in Gujarati and English. Connect with the world through people, ideas, books, media and technology.
	Ethics: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.
Program Specific Outcomes (PSO)	Through this program students are able to get the basic knowledge of ENGLISH language.
	To enable the skill of listing, Reading, Speaking, Writing, in English. Knowledge of English will connect the students with the world.
	Completion of these program students is eligible for various jobs in Government and private sector.
	After completion of this program students are eligible for admissible in Master degree program.

B.A Course Outcome (CO)	
Course	**Outcome**
English Paper –FC ENG 101	Students will be familiar with the different genre of the literature. To enable with the different aspects of English language. To enhance the knowledge of English language.
English Paper –FC ENG 201	Students will be familiar with the basic concept of English grammar. Students will be introduced with the major writer of the world.
English Paper –FC ENG 301	Learning a language through literature. Moral awareness will be establishing in students.
English Paper –FC ENG 401	To enhance the knowledge of English vocabulary. The knowledge of writing speech, letters, and application.
English Paper –FC ENG 501	Students will take in reading various genre of English. They will be write their own thoughts. Students will be able to communicate in English.
English Paper –FC ENG 601	They will be familiar with world's greatest writer. Students will be familiar with the English grammar which help them in competitive exam.
Communication In Business Paper – CC 104	Students will be able for the communication in English. Students will be familiar with the process and objectives of communication. Able to face meetings and interview.
Business Correspondence	They will be able to write Application, Resume and Letters in English language. Enable students to use PowerPoint presentation.

Paper –CC 108	Communication skill such as Listing, Reading, Writing and Speaking will be developing. To give them the basic knowledge of English language which helps them for the Competitive exam.
Commercial Communication Paper- CC 204	Students will be able to reflect their thought in English language. They will be familiar with the banking correspondence. Enable the students to use simple English in their daily communication.
Organization Communication Paper –CC 208	Students will be able to do survey to make questionary and to make memorandum which helps them in this modern world. They will be familiar with many new commercial terms. Enhancement of communication skill.
Correspondence Communication Paper –CC 303	Listing, reading, writing and speaking skill will be develop. Students will be familiar with current trades of the Business.
M.P.R.C Paper –CC 308	Students will be able to communicate more effectively in English language. They will be familiar with the major commercial terms.
English (1) Paper – comp	Students will be familiar with the different genre of the literature. To enable with the different aspects of English language. To enhance the knowledge of English language.
English (2) Paper- comp	Students will be familiar with the basic concept of English grammar. Students will be introduced with the major writer of the world.
English (3) Paper –comp	Learning a language through literature. Moral awareness will be establish in students.
English (4) Paper –comp	To enhance the knowledge of English vocabulary. The knowledge of writing speech, letters, and application.
English (5) Paper –comp	Students will take in reading various genre of English. They will be write their own thoughts. Students will be able to communicate in English.
English (6) Paper –comp	They will be familiar with world's greatest writer. Students will be familiar with the English grammar which help them in competitive exam.