

Subject	Outcomes	Specific Outcomes	Course Outcomes
Telugu	<ul style="list-style-type: none"> <li>• Learning special Telugu in B.A. will enable the students to know the essence of ancient literature both in Telugu and Sanskrit ( translated into telugu).</li> <li>• Learning special telugu in B.A. will make the students learning about both ancient and modern literature which helps them to improve their ideology.</li> <li>• Learning telugu in B.A.,B.COM., and B.Sc., will make the students Learning about Ancient Literature,Modern Literature and Grammer</li> </ul>	<ul style="list-style-type: none"> <li>• Improve and inculcate esthetic sense and values through Literature.</li> <li>• The Historic study of literature promotes research bent of mind that help in understanding Historic aspects of the Ancient period.</li> <li>• To Enalise and enable to know about political system.</li> </ul>	<ul style="list-style-type: none"> <li>• Students will come to know about the leadership qualities in B.A., B.Com., and B.Sc. Leadership Education helps for Personality Development.</li> <li>• Learning Telugu in B.A., B.Com., and B.Sc., will make the students to learn about Both Ancient and Modern Literature which helps them to develop esthetic sense , as well as moral values.</li> <li>• Learning special telugu in B.A. will make the students learning about both ancient and modern literature which helps them to improve their ideology.</li> <li>• Learning special Telugu in B.A will make the students to learn about the value system in ancient Literature.</li> </ul>
English	<ul style="list-style-type: none"> <li>• Enhance of aesthetic values would lead to have the present life</li> <li>• Supporting English language exposure skills</li> <li>• Capable of evaluating various genres of writing</li> <li>• Elevation of taste towards reading the literature</li> <li>• Encouraging the students for research orientation</li> </ul>	<ul style="list-style-type: none"> <li>• Becoming capable of managing economy in the effective manner</li> <li>• Adoption of cultural &amp; historical contexts to the present scenario of life</li> <li>• Promotion of active citizenship &amp; community engagement</li> <li>• Obtaining the leadership qualities to sustain in the competitive world</li> </ul>	<ul style="list-style-type: none"> <li>• English communication skills are helpful to move abroad without any weird feel of leading the career</li> <li>• Crucial to develop critical thinking by reading the texts of literary criticism</li> <li>• Students can interpret the role and relevance of science in the society</li> <li>• To make the students familiar withbasics of network internet related Concepts</li> </ul>
History	<ul style="list-style-type: none"> <li>• Students can acquire knowledge on the uses of primitive life on the ancient history and culture form the earliest times.</li> <li>• They learn about Vedic age and religious reform movements, Jainism and Buddhism, Doctrines.</li> <li>• Students learn about India between 300.A.D. &amp; 600 A.D, Growth of Guptas:Administration,Society,Economy,Religion, Art and Literature and Science &amp; technology</li> </ul>	<ul style="list-style-type: none"> <li>• Students will learn about the basic history details and events in specific times of the history.</li> <li>• Students can understand and evaluate the historical ideas, views on the ancient ages, and cultures, Administration, society, Economy, Technology.</li> <li>• Students can develop to write their autobiography or biography of their inspiring personalities.</li> <li>• Students may create a play centres on event in social reform movement or freedom struggle</li> </ul>	<ul style="list-style-type: none"> <li>• Cultural development in India between 13th and 15th centuries A.D that Impact of Islam on Indian Society and culture by the students</li> <li>• Student learn about the impact of British Colonial Policies under Viceroy's Rule and the Genesis of Freedom Movement</li> <li>• They know about the Social, Religious and self-Respect Movements.</li> <li>• They know about the Emergence of Nation states, contributory factors and England and other nation states.</li> <li>• The Renaissance movement , factors for the Growth of Renaissance , characteristics and Features</li> <li>• Students know about the Industrial revolution – origin, nature and impact.</li> <li>• They learn world war I: Results of the War –Paris Peace Conference</li> <li>• They learn World War II: causes, Fascism and Nazism and The united nations of structure, functions and challenges.</li> </ul>

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<b>Political Science</b>	<ul style="list-style-type: none"> <li>• discuss the recent policy concepts of the nation</li> <li>• share their research ideas of contemporary world political theories</li> <li>• articulate their personal opinion on the imperative issues of the politics existed in India</li> <li>• analyse the assessments of present political resolutions taken by the government</li> </ul>	<ul style="list-style-type: none"> <li>• The students can be familiarised with the imperative theories and issues of political relationships among the Nations</li> <li>• They can analyse the acts of women like Disha act and also they can discuss the other issues of women and their solutions</li> <li>• They can be enlightened themselves towards the principles of public administration</li> <li>• They can discriminate the features of Indian constitution with other countries</li> <li>• They can explore through the contemporary global issues faced by different nations across the world.</li> </ul>	<ul style="list-style-type: none"> <li>• The students can use the INFLIBNET resources further career guidance by using the discipline of political science</li> <li>• The students can compare the policy making of India with other countries</li> <li>• As the students of political science, they can elevate their knowledge as a resourceful citizen of India</li> <li>• The students will be able to identify the necessity to prevent the trespassing of other countries like China at the border of India.</li> <li>• The students can apply the judicial theories of the world and other countries to the Indian political policies.</li> </ul>
<b>Economics</b>	<ul style="list-style-type: none"> <li>• Graduate will be effective Economic analysts.</li> <li>• Graduate will be able to apply Economic Theories.</li> <li>• Graduate will have developed critical thinking skills</li> </ul>	<ul style="list-style-type: none"> <li>• Students have recognized the role of ethical values in Economic decisions.</li> <li>• Professional development on awareness of carrier choice for under graduate economic majors and the options for graduate study.</li> <li>• Students have demonstrate the ability to collect, process and interpret data including statistical Inference</li> </ul>	<ul style="list-style-type: none"> <li>• To make the acquired the conceptual knowledge of Micro Economic students will understand and demonstrate core Micro Economic terms, concepts and theories</li> <li>• Students will have the knowledge of agriculture of India and Andhra Pradesh and demonstrate Computer proficiency with in Economics.</li> <li>• Students will be able to identity appropriate tools to make an Andhra Pradesh Economic evaluation.</li> <li>• Students will be able to demonstrate ability to analyse an economic situations involving an issue of social responsibility and defective are critique a course of action.</li> <li>• To make the acquired the conceptual knowledge of deferent problems and their remedies arised in India.</li> </ul>
<b>Maths</b>	<ul style="list-style-type: none"> <li>• Provides programs in mathematics that enable students to define mathematical concepts , calculate quantities</li> <li>• Estimate solutions ,solve problems, represent mathematical information,</li> <li>• Develope models and communicate mathematical thoughts</li> </ul>	<ul style="list-style-type: none"> <li>• Students will demonstrate the ability to apply analytical and Theoretical skills to model and solve Mathematical problem</li> <li>• Students will demonstrate the ability to the ability to analyze data and draw appropriate statistical conclusions</li> <li>• Students will demonstrate the ability to effectively utilize a variety of teaching techniques and class room strategies to positively influence student learning</li> </ul>	<ul style="list-style-type: none"> <li>• The mission of Mathematics programme is to give students the Mathematical skills and Literacy required by their choosen field of study.</li> <li>• Mathematics classes possess appropriate understanding to develop their analytical and Logical thinking.</li> <li>• To write and understand Basic proofs</li> <li>• To develop and maintain problem solving skills.</li> </ul>

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<p><b>Physics</b></p>	<ul style="list-style-type: none"> <li>• an ability to apply knowledge of mathematics, science, and engineering.</li> <li>• an ability to design and conduct experiments, as well as to analyze and interpret data.</li> <li>• an ability to design a system, component, or process to meet desired needs within realistic constraints.</li> <li>• an ability to function on multidisciplinary teams.</li> <li>• an ability to identify, formulate, and solve engineering problems.</li> <li>• an understanding of professional and ethical responsibility.</li> <li>• Student skill developed constructive problem solving approach</li> </ul>	<ul style="list-style-type: none"> <li>• To get an ability for developing mathematics, science, and engineering and analytical logical thinking.</li> <li>• an ability to design and conduct experiments, as well as to analyze and interpret data for getting results.</li> <li>• an ability to design a system, component, or process to meet desired needs within realistic constraints.</li> </ul>	<ul style="list-style-type: none"> <li>• Apply the theory of optics to calculate the geometrical parameters of thick lenses and design optical devices</li> <li>• use thermodynamic tables, charts and equation of state (e.g. the ideal gas law) to obtain appropriate property data to solve thermodynamics problems.</li> <li>• understand and assess the properties of waves including propagation, reflection, refraction, polarization, interference and diffraction by using the theory of wave theory.</li> <li>• :understand and be able to derive and solve the equations for the damped oscillator in the over damped, critically damped and under damped regimes.</li> </ul>
<p><b>Computer Science</b></p>	<ul style="list-style-type: none"> <li>• To build the necessary skill set and computer based solutions for developing software.</li> <li>• To train the students in professional skills in developing the logical thinking in programming languages.</li> <li>• To prepare necessary knowledge base for research and development in computer science</li> </ul>	<ul style="list-style-type: none"> <li>• To enhance skills and adapt new computing technologies for attaining professional excellence testing skills.</li> <li>• Design , implemantations, testing and evaluate the component of developing the algorithms for designing the programming to solve the computational problem.</li> <li>• Understanding the principles and working of hardware and software aspects of the computer systems.</li> </ul>	<ul style="list-style-type: none"> <li>• To understand the detail information of computer like generation of computers, types of computers, operating systems.</li> <li>• To understand the conversion number systems like binary, ecimal, octal and hexa decimal number systems.</li> <li>• Develop Java programs with the standard program design principles of sequence, selection, repetition and data structures using arrays.</li> <li>• Create Java applications using basic object-oriented design techniques, Plan and develop robust Java applications using the advanced object-oriented design techniques of inheritance and polymorphism</li> </ul>

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<p><b>Chemistry</b></p>	<ul style="list-style-type: none"> <li>• Demonstrate resolve and perspective approach of major concepts in key branches of chemistry.</li> <li>• Learner is trained to adapt, interpret and develop laboratory skills.</li> <li>• She gains knowledge to summarize and analyze various branches of chemistry which in turn will help him to motivate towards better understanding of subject and research orientation.</li> <li>• It helps her to identify and apply the knowledge to current problems in society and develop solutions to them.</li> <li>• Knowledge to solve the problem and also think systematically, independently and draw to a logical conclusion.</li> <li>• Gains scientific knowledge to design, succeed, record and analyze the science related topics.</li> <li>• Create an awareness of the impact of Science on the environment, in the daily routine of people in society, and development outside the scientific community.</li> <li>• Technical awareness and management in handling sophisticated instruments in Chemistry.</li> </ul>	<ul style="list-style-type: none"> <li>• Acquires the knowledge of Chemistry through theory and practical.</li> <li>• Identify chemical formulae and solve numerical problems.</li> <li>• Use of modern chemical apparatus, Models, Chemistry Charts and Equipment's.</li> <li>• Understand good laboratory practices and safety.</li> <li>• Develop research oriented skills.</li> <li>• Find out the green route for chemical reaction for sustainable development by use of modern techniques in Chemistry</li> <li>• Learner can enroll himself in industries or chemical laboratories as an analyst which further will help him to develop inclination towards research.</li> <li>• He can pursue postgraduate programs from which he can either take up teaching or research as his career.</li> <li>• Ample employable opportunities are available in schools and colleges as tutors, instructors and lab assistants.</li> </ul>	<ul style="list-style-type: none"> <li>• Know the Benzene and its reactivity, Concept of resonance, Concept of aromaticity - Huckel's rule - application to Benzenoid and Non - Benzenoid compounds), chemical Reactions, Orientation of aromatic substitution.</li> <li>• know laboratory techniques of Qualitative inorganic analysis like simple salt containing one anion and cation.</li> <li>• Know about Dilute solutions, Colligative properties, Raoult's law, relative lowering of vapour pressure, and its relation to molecular weight of non-volatile solute. Elevation of boiling point and depression of freezing point, abnormal Colligative properties and Van't Hoff fact.</li> <li>• To Understand Electrochemistry part-1- Specific conductance, equivalent conductance, Kohlrausch's law. Arrhenius theory, Ostwald's dilution law. DebyeHuckel-Onsagar's equation for strong electrolytes, conductometric titrations.</li> <li>• Understand Nitro hydrocarbons- Nomenclature and classification Preparation of Nitro alkanes, Nef reaction and Mannich reaction leading to Micheal addition and reduction.</li> <li>• Understand Chemical kinetics - Rate of reaction, order and molecularity, Derivation of rate constants for first, second, third and zero order reactions, Arrhenius equation, concept of activation energy. Photochemistry, Laws of photochemistry, Quantum yield- Photochemical reaction mechanism, fluorescence, phosphorescence</li> </ul>
<p><b>Botany</b></p>	<ul style="list-style-type: none"> <li>• Critical Thinking: Apply the knowledge of biology to make scientific queries and enhance the comprehension potential</li> <li>• Effective Communication: Successful transfer of scientific knowledge both orally and in writing</li> <li>• Social Interaction: Function as an individual, as a member or a leader to perform a task in class room situation or during field study.</li> <li>• Effective Citizenship: Responsible for learning, develop honesty in work and respect for self and others.</li> <li>• Environment and Sustainability: Insist the significance of conserving a clean environment for perpetuation and sustainable development.</li> </ul>	<ul style="list-style-type: none"> <li>• Educate students in and around Tiruchirappalli, a prime area of Cauvery Delta, about plant science.</li> <li>• Inculcate strong fundamentals on modern and classical aspects of Botany.</li> <li>• Build life skills in Edible mushroom cultivation, Biofertilizer production, Greenhouse maintenance and Seed technology through value-added courses.</li> <li>• Create platform for higher studies in Botany.</li> <li>• Facilitate students to take-up successful career in Botany.</li> </ul>	<ul style="list-style-type: none"> <li>• Convey and practice social, environmental and biological ethics.</li> <li>• Self-directed and Life-long Learning: study incessantly by self to cope with growing</li> <li>• Facilitate students to take-up successful career in Botany.</li> </ul>

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<p><b>Zoology</b></p>	<ul style="list-style-type: none"> <li>• Students gain knowledge and develop skill over animal sciences, understands the interactions among various living organisms</li> <li>• Students are able to study animals of different phyla, their distribution and their relationship with the environment</li> <li>• Students are able to understand internal structure of cell, functions of various cellular organelles.</li> <li>• Understands the complex evolutionary processes and behavioural pattern of various animals</li> <li>• Students are able to correlate the physiological and biochemical processes of animals</li> <li>• Understanding of ecological factors, environmental conservation processes and its importance, pollution control and biodiversity and protection of threatened species</li> <li>• Gain knowledge about applied fields like sericulture, fisheries, apiculture, poultry and dairy farms along with tissue preparation, molecular and statistical techniques</li> <li>• Understanding about various concepts of genetics and its importance in human health</li> <li>• Apply ethical principles and commit to professional ethics and responsibilities in delivering his duties</li> <li>• Apply the knowledge and understanding of Zoology to one's own life and work</li> <li>• Develops empathy and love towards the animals</li> </ul>	<ul style="list-style-type: none"> <li>• Understand the nature and basic concepts of cell biology, genetics, taxonomy, physiology, ecology and applied Zoology</li> <li>• Analyse the relationships among animals with their ecosystems</li> <li>• Perform procedures as per laboratory standards in the areas of Taxonomy, Physiology, Ecology, Cell biology, Genetics, Applied Zoology, Clinical science, tools and techniques of Zoology, Toxicology, Sericulture, Biochemistry, Fish biology, Animal biotechnology, Immunology and research methodology</li> <li>• Understand the applications of Zoology in Agriculture, Medicine and daily life</li> <li>• Gains knowledge about research methodologies, effective communication and skills of problem solving methods</li> <li>• Contributes the knowledge for Nation building</li> </ul>	<p>Animal Diversity – Invertebrates</p> <ul style="list-style-type: none"> <li>• Describe general taxonomic rules on animal classification</li> <li>• Classify Protista up to phylum using examples from parasitic adaptation</li> <li>• Classify Phylum Porifera to Echinodermata with taxonomic keys</li> <li>• Describe Phylum Nematoda and give examples of pathogenic Nematodes</li> </ul> <p>Animal Diversity – Vertebrates &amp; Developmental Biology:</p> <ul style="list-style-type: none"> <li>• Imparts conceptual knowledge of vertebrates, their adaptations and associations in relation to their environment</li> <li>• Classify phylum Urochordata to Mammalia</li> <li>• Complex Vertebrate interactions</li> <li>• Basic concepts of developmental biology</li> <li>• To know about chick and frog development.</li> </ul> <p>Cell Biology, Genetics and Evolution:</p> <ul style="list-style-type: none"> <li>• Structural and functional aspects of basic unit of life i.e. cell concepts</li> <li>• Mendelian and non mendelian inheritance</li> </ul>

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<p><b>Commerce</b></p>	<ul style="list-style-type: none"> <li>• After completing three years for Bachelors in Commerce (B.Com) program, students would gain a thorough grounding in the fundamentals of commerce and Finance.</li> <li>• After completing three years for Bachelors in Commerce (B.Com) program, students would gain a thorough grounding in the fundamentals of Commerce and Finance.</li> <li>• The all-inclusive outlook of the course offers a number of value based and job oriented courses that ensures training of students able for society. In advanced accounting courses beyond the introductory level, affective development will also progress to the valuing and organization levels.</li> </ul>	<ul style="list-style-type: none"> <li>• Students will be able to demonstrate progressive learning of various tax issues and tax forms related to individuals. Students will be able to demonstrate knowledge in setting up a computerized set of accounting books</li> <li>• Students will demonstrate progressive affective domain development of values, the role of accounting in society and business.</li> <li>• Learners will gain thorough systematic and subject skills within various disciplines of commerce, business, accounting, economics, finance, auditing and marketing.</li> <li>• Learners will be able to recognize features and roles of businessmen, entrepreneur, managers, consultant, which will help learners to possess knowledge and other soft skills and to react aptly when confronted with critical decision making.</li> </ul>	<ul style="list-style-type: none"> <li>• To make the acquired the conceptual knowledge of Accounting. Students with the knowledge of accounting process and Preparation of final accounts.</li> <li>• To make students how to understand business organizations and work by applying principles in their business Management.</li> <li>• Learning about concepts of Micro economics, its necessities and basic concepts. Understanding of demand curve and it's various functions. Understanding of laws of production and other related functions</li> <li>• It enables the students to gain undergoing of Statistical techniques as are applicable to business.</li> </ul>