



**GOVERNMENT DEGREE COLLEGE, JAMMIKUNTA**

**Dist: Karimnagar , TELANGANA STATE**

(Affiliated to Satavahana University, Karimnagar)

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# PROGRAMME SPECIFIC OUTCOMES (PSOs)

## B.A

S. No	Programme	Programme Specific Outcomes
1	<b>B.A (H.E.P)</b>	<ul style="list-style-type: none"> <li>This programme has high potential which enables a student to mold according to the career path / higher studies options at Indian Council for Historical Research, New Delhi, India/ National Archives//Good Governance/Centre for Gender Studies and Development.</li> </ul>
2	<b>B. A (H.E.PA)</b>	<ul style="list-style-type: none"> <li>A special emphasis on the learning process involves relating to the National and International development with a sound theoretical background.</li> <li>The courses allow BA graduates to pursue higher education, Law, Rights and Constitutional Governance, Gender Studies, Development Studies, Disaster Management Education, Social Work, School of Livelihoods and Development, Rural Development.</li> <li>Helps in Research Data Collection in Social Survey /Media Content Developers / Advertising.</li> </ul>
3	<b>B. A (E.P.PA)</b>	
4	<b>B. A (H.P.CA)</b>	
5	<b>B. A (E.P.CA)</b>	
6	<b>B.A (E. Psy.PA)</b>	<ul style="list-style-type: none"> <li>Upon successful completion of the programme the students will be able to identify primary objectives of schools of</li> </ul>

		<p>psychology and will also be aware of fields of psychology.</p> <ul style="list-style-type: none"> <li>effectively communicate ideas related to the psychology of adolescence. It helps them increase personal awareness of their adolescent experience and how the study of adolescence can inform parenting, education, and policy</li> </ul>
7	<b>B.A (H.E.G)</b>	<ul style="list-style-type: none"> <li>A traditional combination suitable for students from urban and rural background.</li> <li>Provides ample opportunities based on the choice of the student and their interest.</li> </ul>
8	<b>B.A (P.G.H)</b>	<ul style="list-style-type: none"> <li>The programme suits the needs of students who are aspiring for challenging careers in the modern world.</li> </ul>
9	<b>B. A (H.E.CA)</b>	<ul style="list-style-type: none"> <li>The students will be able to identify the process of thinking and understand various types of analyzing and reasoning.</li> <li>Students with this course can go for higher education towards development studies that are restructured.</li> </ul>
10	<b>B. A (H.P.PA)</b>	<ul style="list-style-type: none"> <li>A student of HPP is well grounded in the fundamentals of the core subjects namely History, Political science &amp; Public Administration.</li> <li>Any decision related to perspectives on the milieu enable them to grasp the realities.</li> <li>This is the most critical input and helps in facilitating a spectrum of opportunities in policy making.</li> </ul>

		<ul style="list-style-type: none"> <li>This course is basic to acquire internship in Conservation of Monuments, Indian National Trust for Art and Cultural Heritage (INTACH) and Society for the Promotion of Indian Classical Music and Culture Amongst Youth (SPICMACAY).</li> </ul>
11	<b>B.A (E.P.MCJ)</b>	<ul style="list-style-type: none"> <li>Students know about the scope and evolution of Journalism and Mass Communication. They also know about Principles of Journalism, types of mass media and various communication theories.</li> </ul>
12	<b>B.A (H.E.MCJ)</b>	
13	<b>B.A (H.P.MCJ)</b>	<ul style="list-style-type: none"> <li>Students learn the techniques of reporting, reporting of special events, Column writing and editing which are immensely useful for better career in Journalism.</li> <li>It enables the students to have a proper perspective about the development. They also know about development communication, participatory development and multi- media approach to development issues.</li> </ul>
14	<b>B.A (H.S.P)</b>	<ul style="list-style-type: none"> <li>The students will develop the ability to use certain fundamental concepts and principles involved in human behavior and also can increase their capacity to interpret research findings.</li> <li>The students will be able to understand and identify the hazards of development and the influence of culture and society.</li> </ul>
15	<b>B.A (M.E.P)</b>	<ul style="list-style-type: none"> <li>This course has witnessed a tremendous demand amongst students of non-arts those who seek to make over their dreams.</li> <li>It helps in creating enthusiasm among the learners.</li> <li>The practical work, mathematical calculations and project work demonstrated considerable creativity among the learners</li> </ul>

## B. Com

S. No	Programme	Programme Specific Outcomes
1	B. Com (General & CA)	<ul style="list-style-type: none"><li>• Attains basic knowledge of commerce, e-commerce, tally etc.</li><li>• After completion of this program the students have the opportunities like manager, accountant, cost accountant, bank manager, auditor, stock agents and so on.</li><li>• Students can prepare for professional exams like CA, CS, UPSC, CMA etc.</li><li>• Gains knowledge in income tax laws and procedures.</li><li>• The programme aims to develop entrepreneurial skills among students this leads to new <b>startups</b>.</li><li>• The programme imparts developing oral and written communication, statistical skills, legal knowledge, information technology etc.</li><li>• Courses like Information Technology, Computerized Accounting, Web Technologies, Fundamentals of C language and Object-Oriented Program with C++ will enable the students to meet the requirements of technical competencies</li></ul>

2	<p style="text-align: center;"><b>B. Com</b> <b>(Taxation)</b></p>	<ul style="list-style-type: none"> <li>• Understand the application of business Knowledge in both theoretical and practical aspects.</li> <li>• Determine the procedures and schedules to be followed on preparing financial statements of Companies.</li> <li>• File Income tax return and compute the tax liability of individuals.</li> <li>• Develop proficiency in the management of an organization.</li> <li>• Attain skills in conducting business transactions online.</li> <li>• Learn the basic skills for the effective utilization of funds.</li> <li>• Follow the ethics pertaining to business transactions</li> </ul>
3	<p style="text-align: center;"><b>B. Com</b> <b>(Business Analytics)</b></p>	<ul style="list-style-type: none"> <li>• Understand and develop wide spectrum of analytical skills in the areas of Trade, Commerce and Industry.</li> <li>• Apply critical and analytical research skill to evaluate the real time problems in specialized field of study.</li> <li>• Versatility to function in multi-disciplinary work environment, develop good interpersonal skills with work ethics and societal responsibilities.</li> <li>• Prospective career opportunities and growth in the field of big data analytics.</li> <li>• Learning trending programming language for career advancements.</li> </ul>
4	<p style="text-align: center;"><b>BBA</b> <b>(Bachelor of Business Administration)</b></p>	<ul style="list-style-type: none"> <li>• Ability to define, analyze the solutions for different business problems and using logical reasoning patterns for evaluating information, materials, and data for practical implementation.</li> </ul>

		<ul style="list-style-type: none"><li>• Provides verbal, reasoning, Data Interpretation, Quantitative and communication skill to solve specific business problems and decision making.</li><li>• Apply ethical principles and commitment towards professional ethics and responsibility.</li><li>• Function effectively as a member, leader, individual or group in diverse environment.</li><li>• Ability to conceptualize a complex issue into a coherent written statement and oral presentation and to communicate effectively on complex activities with technical community.</li><li>• Providing an opportunity for the students to gain practical exposure towards the workplace and make them industry ready.</li></ul>
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## **B.Sc. (Life Sciences)**

<b>S. No</b>	<b>Programme</b>	<b>Programme Specific Outcomes</b>
<b>1</b>	<b>B.Sc. (B.Z.C)</b>	<ul style="list-style-type: none"> <li>➤ Master fundamental skills to function effectively as professionals and continue learning within the field of Biology.</li> <li>➤ Provides an understanding of an exploration of how animals have evolved, how they function, and the ways in which they interact with their environment.</li> <li>➤ An awareness of the impact of chemistry on the environment, society, appraise role of green chemistry in Environment sustainability.</li> <li>➤ Students will be able to understand the various physiological life processes in plants</li> <li>➤ They will also gain about the various uptake and transport mechanisms in plants and are able to coordinate the various processes.</li> <li>➤ They understand the role of various hormones and enzyme kinetics.</li> <li>➤ The students develop knowledge about plant nomenclature.</li> <li>➤ Understand the scope &amp; importance of Anatomy Embryology and Palynology.</li> <li>➤ Know various tissue systems and understand the normal and anomalous secondary growth in plants and their causes.</li> </ul>
<b>2</b>	<b>B.Sc. (F.Z.C)</b>	
<b>3</b>	<b>B.Sc. (Bt. Z.C)</b>	<ul style="list-style-type: none"> <li>➤ The advantage of studying these programs is that the candidate can further pursue higher studies in specialized fields of sciences i.e. Biotechnology, Microbiology,</li> </ul>
<b>4</b>	<b>B.Sc. (M.Z.C)</b>	
<b>5</b>	<b>B.Sc. (M.C. Bt)</b>	
<b>6</b>	<b>B.Sc. (M. Z. Bt)</b>	



7	<b>B.Sc. (M. Psy. Bt)</b>	Biochemistry, Molecular Biology, Chemistry and Genetics etc.
8	<b>B.Sc. (B. C. Bt)</b>	
9	<b>B.Sc. (B. Z. Bt)</b>	<p>Biochemistry, Molecular Biology, Chemistry and Genetics etc.</p> <ul style="list-style-type: none"> <li>➤ Discover the different roles of microbes in our daily lives and apply basic microbiology concepts to solve daily problems related to microbiology issues.</li> <li>➤ Integrate the different disciplines and understand the interdisciplinary approach to carry out research</li> <li>➤ Identify and discuss the importance of microorganisms in both industry and public health.</li> <li>➤ The integrated use of, Biotechnology and Chemistry to achieve technological application of scientific and engineering principles for processing of materials by biological agents to provide goods and service for the welfare of the mankind.</li> <li>➤ Gain fundamental Knowledge on Bio-molecules of microorganisms.</li> <li>➤ Apply scientific methods and processes by formulating questions, designing investigations and synthesizing data to draw conclusions and make scientifically-based decisions.</li> <li>➤ Generate and interpret scientific data using quantitative, qualitative and analytical methodologies and techniques.</li> <li>➤ Provides an understanding of an exploration of how animals have evolved, how they function, and the ways in which they interact with their environment.</li> </ul>

10	<b>B.Sc. (B. Cr. C)</b>	<ul style="list-style-type: none"> <li>➤ Design and implement nutrition education interventions that promote healthful behaviors and sound nutrition practices.</li> <li>➤ Identify crop/medicinal plants with high nutritive/therapeutic value.</li> <li>➤ Apply the knowledge of “Genetics in Animals” as model organisms and carry out gene expression studies where knowledge of chemistry is essential.</li> <li>➤ Ability to translate nutritional or dietary advice into a food consumption regime according to currently accepted standards, scientific views and guidelines.</li> </ul>
11	<b>B.Sc. (B.C. Cs)</b>	<ul style="list-style-type: none"> <li>➤ In addition to above PSOs, with computer science, the program imparts students with an understanding of the basics of Computer Science, to develop proficiency in the practice of computing, and to prepare them for continued professional development.</li> </ul>
12	<b>B.Sc. (M.C.Cs)</b>	
13	<b>B.Sc. (M.Z. Cs)</b>	
14	<b>B.Sc. (B.Z. Cs)</b>	

## B.Sc. (Physical Sciences)

S. No	Programme	Programme Specific Outcomes
1	<b>B.Sc. (M.P.C)</b>	<ul style="list-style-type: none"> <li>➤ Student is able to demonstrate basic manipulative skills in algebra, geometry, trigonometry, and beginning calculus.</li> <li>➤ The student will demonstrate a scientific knowledge of the core physics principles in Mechanics, Electromagnetism, Modern Physics, and Optics</li> <li>➤ The student will acquire knowledge of Chemical Thermodynamics, Kinetics, Electrochemistry, Atomic Structure, Organic Chemistry, Spectroscopy and Skill in Industrial Chemistry.</li> <li>➤ The student will be able to apply the underlying unifying structures of mathematics (i.e. sets, relations and functions, logical structure) in Computer science.</li> <li>➤ The students can investigate and apply mathematical problems and solutions in a variety of contexts related to science, technology, business and industry, and illustrate these solutions using symbolic, numeric or graphical methods.</li> </ul>
2	<b>B.Sc. (M.C. Cs)</b>	
3	<b>B.Sc. (M.P. Cs)</b>	
4	<b>B.Sc. (M. St. Cs)</b>	<ul style="list-style-type: none"> <li>➤ Students can get ability in analyzing the data using statistical methods, and data science.</li> </ul>
5	<b>B.Sc. (M. St. Ds)</b>	<ul style="list-style-type: none"> <li>➤ Now a days, Data Science is emerging subject which is providing many job opportunities with nice pay package,</li> </ul>

		<p>so that students with this programme can settle in their life soon after completion of this programme.</p> <ul style="list-style-type: none"> <li>➤ With Mathematics, Statistics, and computer science programme, students have plethora of opportunities in IT sector.</li> <li>➤ This programme enables students to become entrepreneurs with starts ups.</li> </ul>
<b>6</b>	<b>B.Sc. (M.P.G)</b>	<ul style="list-style-type: none"> <li>➤ Students can apply mathematical and physics concepts in geology to understand the nature of earth layers namely, crust, mantel, core etc....</li> <li>➤ With this programme, students have an opportunity to become geologist and get job opportunity in reputed organizations such as NGRI.</li> </ul>