

SILVER JUBILEE GOVERNMENT COLLEGE(A), KURNOOL

A.Y: 2021-22

1.1.1:PROGRAMME OUTCOMES THAT HAVE RELEVANCE TO THE LOCAL, NATIONAL, REGIONAL AND GLOBAL DEVELOPMENTAL NEEDS

Programme Name	Programme Code	Program Outcomes	Reflecting Local needs	Reflecting National needs	Reflecting Global needs
		1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.	yes	yes	yes
		2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.	yes	yes	yes
		3. History helps student to understand the ruling patterns of various dynasties from ancient period to modern period and gain insights on socio, economic and religious patterns of the bygone society's, architectural and cultural diversities right from ancient	yes	yes	yes
		4. History develops practical skills helpful in the study and understanding of historical events, helps to impart moral education and installs the feeling of patriotism in the hearts of the pupils	yes	yes	
		5. Economics is the study of how people decide to use resources on an individual and a collective basis. It examines the kinds of work people do and how much time they spend doing it. Economics also looks at production, investments, taxation and how people spend and save money. Before you	yes	yes	yes

D.A. H.E.I	J101	6. Economics is the study of how societies, governments, businesses, households, and individuals allocate their scarce resources. Economists are well known for advising the president and congress on economic issues, formulating policies at the Federal Reserve Bank, and analyzing economic	yes	yes	
		7. Political Science aims at making students understand the fundamental concepts, theories, perspectives, and ideological discourses in Political Science and to understand the fundamental concepts, theories, perspectives,	yes	yes	yes
		8. To study the national and international political affairs by understanding the government mechanism, its functions, duties and responsibilities in competitive examination point of view	yes	yes	yes
		9. Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.	yes	yes	yes
		10. Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands	yes	yes	yes
		1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.	yes	yes	yes
		2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.	yes	yes	yes
		3. History helps student to understand the ruling patterns of various dynasties from ancient period to modern period and gain insights on socio, economic and religious patterns of the bygone society's, architectural and cultural diversities right from ancient period to modern period.	yes	yes	yes
		4. History develops practical skills helpful in the study and understanding of historical events, helps to impart moral education and installs the feeling of patriotism in the hearts of the pupils	yes	yes	

B.A. H.E.TTN	3103	5. Economics is the study of how people decide to use resources on an individual and a collective basis. It examines the kinds of work people do and how much time they spend doing it. Economics also looks at production, investments, taxation and how people spend and save money. Before you	yes	yes	yes
		6. Economics is the study of how societies, governments, businesses, households, and individuals allocate their scarce resources. Economists are well known for advising the president and congress on economic issues, formulating policies at the Federal Reserve Bank, and analyzing economic	yes	yes	
		7. Trains student to preserve and promote India's historical and cultural heritage. Helps to understand the basic functions of management such as planning, organizing, leading, and controlling.	yes	yes	
		8. Teaches students about business management, marketing fundamentals, human resources, project management, sustainability and cross-cultural awareness.. The knowledge and skills acquired through the program is essential and useful to students for a variety of different careers.	yes	yes	yes
		9.Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.	yes	yes	yes
		10.Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands	yes	yes	yes
		1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.	yes	yes	yes
		2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.	yes	yes	yes

B.COM. GENERAL	4101	3.This program could provide Industries, Banking Sectors, Insurance Companies, Financing companies, Transport Agencies, Warehousing etc., well trained professionals to meet the requirements	yes	yes	
		4.After completing graduation, students can get skills regarding various aspects like Marketing Manager, Sales Manager, over all Administration abilities of the Company.	yes	yes	yes
		5. Capability to make decisions at personal & professional level	yes	yes	yes
		6. Students can independently start up their own Business.	yes	yes	
		7. Students can get thorough knowledge of finance and commerce.	yes	yes	yes
		8. The knowledge of different specializations in Accounting, costing, banking and finance with the practical exposure helps the students to stand in organization.	yes	yes	yes
		9.Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.	yes	yes	yes
		10.Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands	yes	yes	yes

B.COM. COMPUTER APPLICATIONS.	4102	1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.	yes	yes	yes
		2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.	yes	yes	yes
		3. Build a strong foundation in accounting, management and business subjects by using software skills.	yes	yes	yes
		4. Seek variety of career options in accounting, management and business related fields	yes	yes	yes
		5. Equip with Computer skills and knowledge to excel in their future careers	yes	yes	yes
		6. Develop critical thinking skills in students in making programmes.	yes	yes	yes
		7. Enter master programmes like M.Com, MBA and pursue professional programmes like C.A, CMA, C.S, etc.	yes	yes	yes
		8. Develop entrepreneurial skills	yes	yes	
		9. Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.	yes	yes	yes

		10. Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands	yes	yes	yes
B.Sc. M.P.C.	1101	1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.	yes	yes	yes
		2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.	yes	yes	yes
		3. Acquire in-depth knowledge on different branches like Calculus, Geometry, Algebra and Analysis of mathematics and their related areas that build solid foundation for higher studies in mathematics.	yes	yes	yes
		4. Develops logic, analytical reasoning and critical thinking in writing mathematical proofs, modelling real world problems into mathematical problems and finding solutions for them and in turn enhance their employability skills.	yes	yes	yes
		5. Acquire a fundamental/systematic or coherent understanding of the academic field of Physics, its different learning areas and applications in basic Physics like Astrophysics, Material science, Nuclear and Particle Physics, Condensed matter Physics, Atomic and Molecular Physics,	yes	yes	yes
		6. Demonstrate the ability to use skills in Physics and its related areas of technology for formulating and tackling Physics-related problems and identifying and applying appropriate physical principles and methodologies to solve a wide range of problems associated with Physics.	yes	yes	yes
		7. Capable of demonstrating comprehensive knowledge and understanding of both theoretical and experimental/applied chemistry knowledge in various fields of interest like Analytical Chemistry, Physical Chemistry, Inorganic Chemistry, Organic Chemistry, Material Chemistry, etc.	yes	yes	yes

		8. Able to use the evidence based comparative chemistry approach to explain the chemical synthesis and analysis and to demonstrate the experimental techniques and methods of their area of specialization in Chemistry.	yes	yes	yes
		9.Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.	yes	yes	yes
		10.Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands	yes	yes	yes
B.Sc.	1102	1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.	yes	yes	yes
		2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.	yes	yes	yes
		3. Acquire in-depth knowledge on different branches like Calculus, Geometry, Algebra and Analysis of mathematics and their related areas that build solid foundation for higher studies in mathematics.	yes	yes	yes
		4. Develops logic, analytical reasoning and critical thinking in writing mathematical proofs, modelling real world problems into mathematical problems and finding solutions for them and in turn enhance their employability skills.	yes	yes	yes
		5. Acquire a fundamental/systematic or coherent understanding of the academic field of Physics, its different learning areas and applications in basic Physics like Astrophysics, Material science, Nuclear and Particle Physics, Condensed matter Physics, Atomic and Molecular Physics,	yes	yes	yes

M.P.CS.	1102	6. Demonstrate the ability to use skills in Physics and its related areas of technology for formulating and tackling Physics-related problems and identifying and applying appropriate physical principles and methodologies to solve a wide range of problems associated with Physics.	yes	yes	yes
		7. Demonstrate the aptitude of Computer Programming and Computer based problem solving skills and prepare necessary knowledge base for research and development.	yes	yes	yes
		8. Display the knowledge of appropriate theory, practices and tools for the specification, design, implementation of software applications	yes	yes	yes
		9. Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.	yes	yes	yes
		10. Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands	yes	yes	yes
		1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.	yes	yes	yes
		2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.	yes	yes	yes
		3. Acquire in-depth knowledge on different branches like Calculus, Geometry, Algebra and Analysis of mathematics and their related areas that build solid foundation for higher studies in mathematics.	yes	yes	yes

B.Sc. M.P.W.	1103	4. Develops logic, analytical reasoning and critical thinking in writing mathematical proofs, modelling real world problems into mathematical problems and finding solutions for them and in turn enhance their employability skills.	yes	yes	yes
		5. Acquire a fundamental/systematic or coherent understanding of the academic field of Physics, its different learning areas and applications in basic Physics like Astrophysics, Material science, Nuclear and Particle Physics, Condensed matter Physics, Atomic and Molecular Physics,	yes	yes	yes
		6. Demonstrate the ability to use skills in Physics and its related areas of technology for formulating and tackling Physics-related problems and identifying and applying appropriate physical principles and methodologies to solve a wide range of problems associated with Physics.	yes	yes	yes
		7.Acquire indepth knowledge on designing and implementation of web based applications and prepare necessary knowledge base for research and development.	yes	yes	yes
		8.Ability to formulate, to model, to design solutions, procedure and to use software tools to solve real world problems and evaluate	yes	yes	yes
		9.Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.	yes	yes	yes
		10.Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands	yes	yes	yes
				1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.	yes

**B.Sc.
M.S.CS.**

1104

2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.	yes	yes	yes
3. Acquire in-depth knowledge on different branches like Calculus, Geometry, Algebra and Analysis of mathematics and their related areas that build solid foundation for higher studies in mathematics.	yes	yes	yes
4. Develops logic, analytical reasoning and critical thinking in writing mathematical proofs, modelling real world problems into mathematical problems and finding solutions for them and in turn enhance their employability skills.	yes	yes	yes
5. Students will be able to understand basic theoretical and applied principles of statistics needed to enter the job force.	yes	yes	yes
6. Students will gain proficiency in using statistical software for data analysis.	yes	yes	yes
7. Demonstrate the aptitude of Computer Programming and Computer based problem solving skills and prepare necessary knowledge base for research and development.	yes	yes	yes
8. Display the knowledge of appropriate theory, practices and tools for the specification, design, implementation of software applications	yes	yes	yes
9. Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.	yes	yes	yes
10. Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands	yes	yes	yes

B.Sc. B.M.C.	2102	1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.	yes	yes	yes
		2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.	yes	yes	yes
		3. The students will be able to identify major groups of plants and compare the characteristics of lower and higher group plants. Apply modern techniques and instruments for Biochemical estimation, Molecular Biology, Biotechnology, Plant Tissue culture experiments, cellular and physiological	yes	yes	yes
		4. Work in teams with enhanced inter-personal skills and Develop the critical thinking with scientific temper. Develop effectively communicate scientific ideas both orally and in writing.	yes	yes	yes
		5. Analyse various groups of microorganisms with emphasis on bacteria and understand the techniques in microbiology to isolate, characterize the microbes by handling the instruments used in microbiological laboratory.	yes	yes	yes
		6. Create knowledge about structure, growth and metabolism of useful and harmful microorganisms and their indispensable role in various fields of microbiology	yes	yes	yes
		7. Capable of demonstrating comprehensive knowledge and understanding of both theoretical and experimental/applied chemistry knowledge in various fields of interest like Analytical Chemistry, Physical Chemistry, Inorganic Chemistry, Organic Chemistry, Material Chemistry, etc.	yes	yes	yes
		8. Able to use the evidence based comparative chemistry approach to explain the chemical synthesis and analysis and to demonstrate the experimental techniques and methods of their area of specialization in Chemistry.	yes	yes	yes

		9.Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.	yes	yes	yes
		10.Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands	yes	yes	yes
B.Sc. B.Z.C.	2103	1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.	yes	yes	yes
		2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.	yes	yes	yes
		3. The students will be able to identify major groups of plants and compare the characteristics of lower and higher group plants. Apply modern techniques and instruments for Biochemical estimation, Molecular Biology, Biotechnology, Plant Tissue culture experiments, cellular and physiological	yes	yes	yes
		4. Work in teams with enhanced inter-personal skills and Develop the critical thinking with scientific temper. Develop effectively communicate scientific ideas both orally and in writing.	yes	yes	yes
		5. Understand the nature and basic concepts of cell biology, genetics, taxonomy, physiology, ecology and applied Zoology.	yes	yes	yes
		6. 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, Entomology, Nematology Sericulture, Biochemistry, Fish biology, Animal	yes	yes	yes

	7. Capable of demonstrating comprehensive knowledge and understanding of both theoretical and experimental/applied chemistry knowledge in various fields of interest like Analytical Chemistry, Physical Chemistry, Inorganic Chemistry, Organic Chemistry, Material Chemistry, etc.	yes	yes	yes
	8. Able to use the evidence based comparative chemistry approach to explain the chemical synthesis and analysis and to demonstrate the experimental techniques and methods of their area of specialization in Chemistry.	yes	yes	yes
	9. Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.	yes	yes	yes
	10. Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands	yes	yes	yes
	1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.	yes	yes	yes
	2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.	yes	yes	yes
	3. To get the employment in the areas of Horticulture business- Commercial Nurseries, production units of Bio-fertilizers, Bio-pesticides and processing units as Quality Analyst / Production Manager / Marketing promoters.	yes	yes	yes
	4. To generate employment by becoming entrepreneurs by establishing Nurseries / Bio-fertilizers units / Processing Units.	yes	yes	yes

B.Sc. H.B.C.	2105	5.The students will be able to identify major groups of plants and compare the characteristics of lower and higher group plants. Apply modern techniques and instruments for Biochemical estimation, Molecular Biology, Biotechnology, Plant Tissue culture experiments, cellular and physiological	yes	yes	yes
		6.Work in teams with enhanced inter-personal skills and Develop the critical thinking with scientific temper. Develop effectively communicate scientific ideas both orally and in writing.	yes	yes	yes
		7. Capable of demonstrating comprehensive knowledge and understanding of both theoretical and experimental/applied chemistry knowledge in various fields of interest like Analytical Chemistry, Physical Chemistry, Inorganic Chemistry, Organic Chemistry, Material Chemistry, etc.	yes	yes	yes
		8. Able to use the evidence based comparative chemistry approach to explain the chemical synthesis and analysis and to demonstrate the experimental techniques and methods of their area of specialization in Chemistry.	yes	yes	yes
		9.Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.	yes	yes	yes
		10.Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands	yes	yes	yes
		1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.	yes	yes	yes
		2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.	yes	yes	yes
		3.Understand the nature and basic concepts of cell biology, genetics, taxonomy, physiology, ecology and applied Zoology.	yes	yes	yes

B.Sc. Z.B.C.	2106	4.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, Entomology,Nematology Sericulture, Biochemistry, Fish biology, Animal	yes	yes	yes
		5.The student gains knowledge in the chemistry of biomolecules such as water, carbohydrates, lipids, proteins and nucleic acids which make up all the living organisms including humans.	yes	yes	yes
		6 This will enable the student to understand the importance of these biomolecules in living organisms and effects of their alterations in diseases occurring in plants, animals and humans.	yes	yes	yes
		7 The practicals will give the expertise to the student for analysis of any biological or non biological sample for identification of its chemical composition.	yes	yes	yes
		8. Able to use the evidence based comparative chemistry approach to explain the chemical synthesis and analysis and to demonstrate the experimental techniques and methods of their area of specialization in Chemistry.	yes	yes	yes
		9.Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.	yes	yes	yes
		10.Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands	yes	yes	yes
		1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.	yes	yes	yes

**B.Sc.
Z.Bt.C.**

2101

2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.	yes	yes	yes
3. Understand the nature and basic concepts of cell biology, genetics, taxonomy, physiology, ecology and applied Zoology.	yes	yes	yes
4. 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, Entomology, Nematology Sericulture, Biochemistry, Fish biology, Animal	yes	yes	yes
5. Acquire technological knowledge in domain of biotechnology enabling their applications in industry and research	yes	yes	yes
6. Recognise the importance of Bioethics and IPR for applying appropriate tools to solve biotechnological problems	yes	yes	yes
7. Capable of demonstrating comprehensive knowledge and understanding of both theoretical and experimental/applied chemistry knowledge in various fields of interest like Analytical Chemistry, Physical Chemistry, Inorganic Chemistry, Organic Chemistry, Material Chemistry, etc.	yes	yes	yes
8. Able to use the evidence based comparative chemistry approach to explain the chemical synthesis and analysis and to demonstrate the experimental techniques and methods of their area of specialization in Chemistry.	yes	yes	yes
9. Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.	yes	yes	yes
10. Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands	yes	yes	yes

SILVER JUBILEE GOVERNMENT COLLEGE(A), KURNOOL

A.Y: 2020-21

1.1.1:PROGRAMME OUTCOMES THAT HAVE RELEVANCE TO THE LOCAL, NATIONAL, REGIONAL AND GLOBAL DEVELOPMENTAL NEEDS

Programme Name	Programme Code	Program Outcomes	Reflecting Local needs	Reflecting National needs	Reflecting Global needs
B.A. H.E.TTM	3103	1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.	yes	yes	yes
		2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.	yes	yes	yes
		3. History helps student to understand the ruling patterns of various dynasties from ancient period to modern period and gain insights on socio, economic and religious patterns of the bygone society's, architectural and cultural diversities right from ancient period to modern period.	yes	yes	yes
		4. History develops practical skills helpful in the study and understanding of historical events, helps to impart moral education and installs the feeling of patriotism in the hearts of the pupils	yes	yes	
		5. Economics is the study of how people decide to use resources on an individual and a collective basis. It examines the kinds of work people do and how much time they spend doing it. Economics also looks at production, investments, taxation and how people spend and save money. Before you commit yourself to spending time and effort studying economics, it helps to know the advantages of doing so. The study of economics can also provide valuable knowledge for making decisions in day life.	yes	yes	yes
		6. Economics is the study of how societies, governments, businesses, households, and individuals allocate their scarce resources. Economists are well known for advising the president and congress on economic issues, formulating policies at the Federal Reserve Bank, and analyzing economic conditions for investment banks, brokerage houses, real estate companies, and other private sector businesses. They also contribute to the development of many other public policies including health care, welfare and efforts to reduce inequality.	yes	yes	
		7. Trains student to preserve and promote India's historical and cultural heritage. Helps to understand the basic functions of management such as planning, organizing, leading, and controlling.	yes	yes	

		8. Teaches students about business management, marketing fundamentals, human resources, project management, sustainability and cross-cultural awareness.. The knowledge and skills acquired through the program is essential and useful to students for a variety of different careers.	yes	yes	yes
		9.Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.	yes	yes	yes
		10.Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.	yes	yes	yes
		1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.	yes	yes	yes
		2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.	yes	yes	yes
		3. History helps student to understand the ruling patterns of various dynasties from ancient period to modern period and gain insights on socio, economic and religious patterns of the bygone society's, architectural and cultural diversities right from ancient period to modern period.	yes	yes	yes
		4. History evelops practical skills helpful in the study and understanding of historical events, helps to impart moral education and installs the feeling of patriotism in the hearts of the pupils	yes	yes	
		5. Economics is the study of how people decide to use resources on an individual and a collective basis. It examines the kinds of work people do and how much time they spend doing it. Economics also looks at production, investments, taxation and how people spend and save money. Before you commit yourself to spending time and effort studying economics, it helps to know the advantages of doing so. The study of economics can also provide valuable knowledge for making decisions in everyday life.	yes	yes	yes

		6. Economics is the study of how societies, governments, businesses, households, and individuals allocate their scarce resources. Economists are well known for advising the president and congress on economic issues, formulating policies at the Federal Reserve Bank, and analyzing economic conditions for investment banks, brokerage houses, real estate companies, and other private sector businesses. They also contribute to the development of many other public policies including health care, welfare and efforts to reduce inequality.	yes	yes	
		7. Political Science aims at making students understand the fundamental concepts, theories, perspectives, and ideological discourses in Political Science and to understand the fundamental concepts, theories, perspectives, and ideological discourses in Political Science. This will enable them to explain and evaluate the functioning of political systems and governments of diverse kinds with their institutions, structures, and ideologies	yes	yes	yes
		8. To study the national and international political affairs by understanding the government mechanism, its functions, duties and responsibilities in competitive examination point of view	yes	yes	yes
		9. Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.	yes	yes	yes
		10. Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.	yes	yes	yes
		1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.	yes	yes	yes
		2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.	yes	yes	yes
		3. This program could provide Industries, Banking Sectors, Insurance Companies, Financing companies, Transport Agencies, Warehousing etc., well trained professionals to meet the requirements	yes	yes	

B.COM. GENERAL	4101	4.After completing graduation, students can get skills regarding various aspects like Marketing Manager, Sales Manager, over all Administration abilities of the Company.	yes	yes	yes
		5- Capability to make decisions at personal & professional level	yes	yes	yes
		6- Students can independently start up their own Business.	yes	yes	
		7- Students can get thorough knowledge of finance and commerce.	yes	yes	yes
		8- The knowledge of different specializations in Accounting, costing, banking and finance with the practical exposure helps the students to stand in organization.	yes	yes	yes
		9.Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.	yes	yes	yes
		10.Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.	yes	yes	yes
		1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.	yes	yes	yes

B.COM. COMPUTER APPLICATIONS.	4102	2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.	yes	yes	yes
		3. Build a strong foundation in accounting, management and business subjects by using software skills.	yes	yes	yes
		4. Seek variety of career options in accounting, management and business related fields	yes	yes	yes
		5. Equip with Computer skills and knowledge to excel in their future careers	yes	yes	yes
		6. Develop critical thinking skills in students in making programmes.	yes	yes	yes
		7. Enter master programmes like M.Com, MBA and pursue professional programmes like C.A, CMA, C.S, etc.	yes	yes	yes
		8. Develop entrepreneurial skills	yes	yes	
		9. Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.	yes	yes	yes
		10. Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.	yes	yes	yes

B.Sc. M.P.C.	1101	1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.	yes	yes	yes
		2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.	yes	yes	yes
		3. Acquire in-depth knowledge on different branches like Calculus, Geometry, Algebra and Analysis of mathematics and their related areas that build solid foundation for higher studies in mathematics.	yes	yes	yes
		4. Develops logic, analytical reasoning and critical thinking in writing mathematical proofs, modelling real world problems into mathematical problems and finding solutions for them and in turn enhance their employability skills.	yes	yes	yes
		5. Acquire a fundamental/systematic or coherent understanding of the academic field of Physics, its different learning areas and applications in basic Physics like Astrophysics, Material science, Nuclear and Particle Physics, Condensed matter Physics, Atomic and Molecular Physics, Mathematical Physics, Analytical dynamics, Space science, and its linkages with related disciplinary areas / subjects like Chemistry, Mathematics, Life sciences, Environmental sciences, Atmospheric Physics, Computer science, Information Technology.	yes	yes	yes
		6. Demonstrate the ability to use skills in Physics and its related areas of technology for formulating and tackling Physics-related problems and identifying and applying appropriate physical principles and methodologies to solve a wide range of problems associated with Physics.	yes	yes	yes
		7. Capable of demonstrating comprehensive knowledge and understanding of both theoretical and experimental/applied chemistry knowledge in various fields of interest like Analytical Chemistry, Physical Chemistry, Inorganic Chemistry, Organic Chemistry, Material Chemistry, etc.	yes	yes	yes
		8. Able to use the evidence based comparative chemistry approach to explain the chemical synthesis and analysis and to demonstrate the experimental techniques and methods of their area of specialization in Chemistry.	yes	yes	yes

		9. Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.	yes	yes	yes
		10. Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.	yes	yes	yes
B.Sc. M.P.CS.	1102	1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.	yes	yes	yes
		2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.	yes	yes	yes
		3. Acquire in-depth knowledge on different branches like Calculus, Geometry, Algebra and Analysis of mathematics and their related areas that build solid foundation for higher studies in mathematics.	yes	yes	yes
		4. Develops logic, analytical reasoning and critical thinking in writing mathematical proofs, modelling real world problems into mathematical problems and finding solutions for them and in turn enhance their employability skills.	yes	yes	yes
		5. Acquire a fundamental/systematic or coherent understanding of the academic field of Physics, its different learning areas and applications in basic Physics like Astrophysics, Material science, Nuclear and Particle Physics, Condensed matter Physics, Atomic and Molecular Physics, Mathematical Physics, Analytical dynamics, Space science, and its linkages with related disciplinary areas / subjects like Chemistry, Mathematics, Life sciences, Environmental sciences, Atmospheric Physics, Computer science, Information Technology.	yes	yes	yes
		6. Demonstrate the ability to use skills in Physics and its related areas of technology for formulating and tackling Physics-related problems and identifying and applying appropriate physical principles and methodologies to solve a wide range of problems associated with Physics.	yes	yes	yes

		7.Demonstrate the aptitude of Computer Programming and Computer based problem solving skills and prepare necessary knowledge base for research and development.	yes	yes	yes
		8.Display the knowledge of appropriate theory, practices and tools for the specification, design, implementation of software applications	yes	yes	yes
		9.Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.	yes	yes	yes
		10.Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.	yes	yes	yes
		1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.	yes	yes	yes
		2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.	yes	yes	yes
		3. Acquire in-depth knowledge on different branches like Calculus, Geometry, Algebra and Analysis of mathematics and their related areas that build solid foundation for higher studies in mathematics.	yes	yes	yes
		4. Develops logic, analytical reasoning and critical thinking in writing mathematical proofs, modelling real world problems into mathematical problems and finding solutions for them and in turn enhance their employability skills.	yes	yes	yes

B.Sc. M.P.W.	1103	5. Acquire a fundamental/systematic or coherent understanding of the academic field of Physics, its different learning areas and applications in basic Physics like Astrophysics, Material science, Nuclear and Particle Physics, Condensed matter Physics, Atomic and Molecular Physics, Mathematical Physics, Analytical dynamics, Space science, and its linkages with related disciplinary areas / subjects like Chemistry, Mathematics, Life sciences, Environmental sciences, Atmospheric Physics, Computer science, Information Technology.	yes	yes	yes
		6. Demonstrate the ability to use skills in Physics and its related areas of technology for formulating and tackling Physics-related problems and identifying and applying appropriate physical principles and methodologies to solve a wide range of problems associated with Physics.	yes	yes	yes
		7.Acquire indepth knowledge on designing and implementation of web based applications and prepare necessary knowledge base for research and development.	yes	yes	yes
		8.Ability to formulate, to model, to design solutions, procedure and to use software tools to solve real world problems and evaluate	yes	yes	yes
		9.Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.	yes	yes	yes
		10.Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.	yes	yes	yes
		1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.	yes	yes	yes
		2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.	yes	yes	yes

B.Sc. M.S.CS.	1104	3. Acquire in-depth knowledge on different branches like Calculus, Geometry, Algebra and Analysis of mathematics and their related areas that build solid foundation for higher studies in mathematics.	yes	yes	yes
		4. Develops logic, analytical reasoning and critical thinking in writing mathematical proofs, modelling real world problems into mathematical problems and finding solutions for them and in turn enhance their employability skills.	yes	yes	yes
		5.Students will be able to understand basic theoretical and applied principles of statistics needed to enter the job force.	yes	yes	yes
		6. Students will gain proficiency in using statistical software for data analysis.	yes	yes	yes
		7.Demonstrate the aptitude of Computer Programming and Computer based problem solving skills and prepare necessary knowledge base for research and development.	yes	yes	yes
		8.Display the knowledge of appropriate theory, practices and tools for the specification, design, implementation of software applications	yes	yes	yes
		9.Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.	yes	yes	yes
		10.Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.	yes	yes	yes

B.Sc. B.M.C.	2102	1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.	yes	yes	yes
		2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.	yes	yes	yes
		3. The students will be able to identify major groups of plants and compare the characteristics of lower and higher group plants. Apply modern techniques and instruments for Biochemical estimation, Molecular Biology, Biotechnology, Plant Tissue culture experiments, cellular and physiological studies of plants with an understanding of the applications in human life.	yes	yes	yes
		4. Work in teams with enhanced inter-personal skills and Develop the critical thinking with scientific temper. Develop effectively communicate scientific ideas both orally and in writing.	yes	yes	yes
		5. Analyse various groups of microorganisms with emphasis on bacteria and understand the techniques in microbiology to isolate, characterize the microbes by handling the instruments used in microbiological laboratory.	yes	yes	yes
		6. Create knowledge about structure, growth and metabolism of useful and harmful microorganisms and their indispensable role in various fields of microbiology	yes	yes	yes
		7. Capable of demonstrating comprehensive knowledge and understanding of both theoretical and experimental/applied chemistry knowledge in various fields of interest like Analytical Chemistry, Physical Chemistry, Inorganic Chemistry, Organic Chemistry, Material Chemistry, etc.	yes	yes	yes
		8. Able to use the evidence based comparative chemistry approach to explain the chemical synthesis and analysis and to demonstrate the experimental techniques and methods of their area of specialization in Chemistry.	yes	yes	yes
		9. Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.	yes	yes	yes

		10.Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.	yes	yes	yes
B.Sc. B.Z.C.	2103	1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.	yes	yes	yes
		2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.	yes	yes	yes
		3. The students will be able to identify major groups of plants and compare the characteristics of lower and higher group plants. Apply modern techniques and instruments for Biochemical estimation, Molecular Biology, Biotechnology, Plant Tissue culture experiments, cellular and physiological studies of plants with an understanding of the applications in human life.	yes	yes	yes
		4. Work in teams with enhanced inter-personal skills and Develop the critical thinking with scientific temper. Develop effectively communicate scientific ideas both orally and in writing.	yes	yes	yes
		5. Understand the nature and basic concepts of cell biology, genetics, taxonomy, physiology, ecology and applied Zoology.	yes	yes	yes
		6. 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, Entomology, Nematology, Sericulture, Biochemistry, Fish biology, Animal biotechnology, Immunology and research methodology	yes	yes	yes
		7. Capable of demonstrating comprehensive knowledge and understanding of both theoretical and experimental/applied chemistry knowledge in various fields of interest like Analytical Chemistry, Physical Chemistry, Inorganic Chemistry, Organic Chemistry, Material Chemistry, etc.	yes	yes	yes

		8. Able to use the evidence based comparative chemistry approach to explain the chemical synthesis and analysis and to demonstrate the experimental techniques and methods of their area of specialization in Chemistry.	yes	yes	yes
		9.Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.	yes	yes	yes
		10.Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.	yes	yes	yes
		1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.	yes	yes	yes
		2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.	yes	yes	yes
		3.To get the employment in the areas of Horticulture business- Commercial Nurseries, production units of Bio-fertilizers, Bio-pesticides and processing unitsas Quality Analyst / Production Manager / Marketing promoters.	yes	yes	yes
		4.To generate employment by becoming entrepreneurs by establishing Nurseries / Bio-fertilizers units / Processing Units.	yes	yes	yes
		5.The students will be able to identify major groups of plants and compare the characteristics of lowerand higher group plants.Apply modern techniques and instruments for Biochemical estimation, Molecular Biology, Biotechnology, Plant Tissue culture experiments, cellular and physiological studies of plants with an understanding of the applications in human life.	yes	yes	yes

BSC HBC	4103	6. Work in teams with enhanced inter-personal skills and Develop the critical thinking with scientific temper. Develop effectively communicate scientific ideas both orally and in writing.	yes	yes	yes
		7. Capable of demonstrating comprehensive knowledge and understanding of both theoretical and experimental/applied chemistry knowledge in various fields of interest like Analytical Chemistry, Physical Chemistry, Inorganic Chemistry, Organic Chemistry, Material Chemistry, etc.	yes	yes	yes
		8. Able to use the evidence based comparative chemistry approach to explain the chemical synthesis and analysis and to demonstrate the experimental techniques and methods of their area of specialization in Chemistry.	yes	yes	yes
		9. Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.	yes	yes	yes
		10. Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.	yes	yes	yes
		1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.	yes	yes	yes
		2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.	yes	yes	yes
		3. To get the employment in the areas of Horticulture business- Commercial Nurseries, production units of Bio-fertilizers, Bio-pesticides and processing units as Quality Analyst / Production Manager / Marketing promoters.	yes	yes	yes

B.Sc. H.Z.C.	2104	4.To generate employment by becoming entrepreneurs by establishing Nurseries / Bio-fertilizers units / Processing Units.	yes	yes	yes
		5.Understand the nature and basic concepts of cell biology, genetics, taxonomy, physiology, ecology and applied Zoology.	yes	yes	yes
		6.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, Entomology, Nematology Sericulture, Biochemistry, Fish biology, Animal biotechnology, Immunology and research methodology	yes	yes	yes
		7. Capable of demonstrating comprehensive knowledge and understanding of both theoretical and experimental/applied chemistry knowledge in various fields of interest like Analytical Chemistry, Physical Chemistry, Inorganic Chemistry, Organic Chemistry, Material Chemistry, etc.	yes	yes	yes
		8. Able to use the evidence based comparative chemistry approach to explain the chemical synthesis and analysis and to demonstrate the experimental techniques and methods of their area of specialization in Chemistry.	yes	yes	yes
		9.Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.	yes	yes	yes
		10.Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.	yes	yes	yes
		1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.	yes	yes	yes

B.Sc. Z.B.C.	2106	2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.	yes	yes	yes
		3. Understand the nature and basic concepts of cell biology, genetics, taxonomy, physiology, ecology and applied Zoology.	yes	yes	yes
		4. 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, Entomology, Nematology, Sericulture, Biochemistry, Fish biology, Animal biotechnology, Immunology and research methodology	yes	yes	yes
		5. The student gains knowledge in the chemistry of biomolecules such as water, carbohydrates, lipids, proteins and nucleic acids which make up all the living organisms including humans.	yes	yes	yes
		6 This will enable the student to understand the importance of these biomolecules in living organisms and effects of their alterations in diseases occurring in plants, animals and humans.	yes	yes	yes
		7 The practicals will give the expertise to the student for analysis of any biological or non biological sample for identification of its chemical composition.	yes	yes	yes
		8. Able to use the evidence based comparative chemistry approach to explain the chemical synthesis and analysis and to demonstrate the experimental techniques and methods of their area of specialization in Chemistry.	yes	yes	yes
		9. Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.	yes	yes	yes
		10. Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.	yes	yes	yes

B.Sc. Z.Bt.C.	2101	1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.	yes	yes	yes
		2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.	yes	yes	yes
		3. Understand the nature and basic concepts of cell biology, genetics, taxonomy, physiology, ecology and applied Zoology.	yes	yes	yes
		4. 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, Entomology, Nematology Sericulture, Biochemistry, Fish biology, Animal biotechnology, Immunology and research methodology	yes	yes	yes
		5. Acquire technological knowledge in domain of biotechnology enabling their applications in industry and research	yes	yes	yes
		6. Recognise the importance of Bioethics and IPR for applying appropriate tools to solve biotechnological problems	yes	yes	yes
		7. Capable of demonstrating comprehensive knowledge and understanding of both theoretical and experimental/applied chemistry knowledge in various fields of interest like Analytical Chemistry, Physical Chemistry, Inorganic Chemistry, Organic Chemistry, Material Chemistry, etc.	yes	yes	yes
		8. Able to use the evidence based comparative chemistry approach to explain the chemical synthesis and analysis and to demonstrate the experimental techniques and methods of their area of specialization in Chemistry.	yes	yes	yes

	<p>9. Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.</p>	yes	yes	yes
	<p>10. Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.</p>	yes	yes	yes

	SILVER JUBILEE GOVERNMENT COLLEGE (Autonomous), Kurnool		
	PROGRAMME OUTCOMES		
Program Name	Program Outcomes		
Program Name	Program Outcomes		
B.A. H.E.P. (E.M&T.M)	1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.		
	2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.		
	3. History helps student to understand the ruling patterns of various dynasties from ancient period to modern period and gain insights on socio, economic and religious patterns of the bygone society's, architectural and cultural diversities right from ancient period to modern period.		
	4. History develops practical skills helpful in the study and understanding of historical events, helps to impart moral education and installs the feeling of patriotism in the hearts of the pupils		
	5. Economics is the study of how people decide to use resources on an individual and a collective basis. It examines the kinds of work people do and how much time they spend doing it. Economics also looks at production, investments, taxation and how people spend and save money. Before you commit yourself to spending time and effort studying economics, it helps to know the advantages of doing so. The study of economics can also provide valuable knowledge for making decisions in everyday life.		
	6. Economics is the study of how societies, governments, businesses, households, and individuals allocate their scarce resources. Economists are well known for advising the president and congress on economic issues, formulating policies at the Federal Reserve Bank, and analyzing economic conditions for investment banks, brokerage houses, real estate companies, and other private sector businesses. They also contribute to the development of many other public policies including health care, welfare and efforts to reduce inequality.		
	7. Political Science aims at making students understand the fundamental concepts, theories, perspectives, and ideological discourses in Political Science and to understand the fundamental concepts, theories, perspectives, and ideological discourses in Political Science. This will enable them to explain and evaluate the functioning of political systems and governments of diverse kinds with their institutions, structures, and ideologies		
	8. To study the national and international political affairs by understanding the government mechanism, its functions, duties and responsibilities in competitive examination point of view		
	9. Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.		

	10.Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and selfdirected learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.		
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Program Name	Program Outcomes		
B.A. H.E.TTM	1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.		
	2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.		
	3. History helps student to understand the ruling patterns of various dynasties from ancient period to modern period and gain insights on socio, economic and religious patterns of the bygone society's, architectural and cultural diversities right from ancient period to modern period.		
	4. History envelops practical skills helpful in the study and understanding of historical events, helps to impart moral education and installs the feeling of patriotism in the hearts of the pupils		
	5. Economics is the study of how people decide to use resources on an individual and a collective basis. It examines the kinds of work people do and how much time they spend doing it. Economics also looks at production, investments, taxation and how people spend and save money. Before you commit yourself to spending time and effort studying economics, it helps to know the advantages of doing so. The study of economics can also provide valuable knowledge for making decisions in everyday life.		
	6. Economics is the study of how societies, governments, businesses, households, and individuals allocate their scarce resources. Economists are well known for advising the president and congress on economic issues, formulating policies at the Federal Reserve Bank, and analyzing economic conditions for investment banks, brokerage houses, real estate companies, and other private sector businesses. They also contribute to the development of many other public policies including health care, welfare and efforts to reduce inequality.		
	7. Trains student to preserve and promote India's historical and cultural heritage. Helps to understand the basic functions of management such as planning, organizing, leading, and controlling.		
	8. Teaches students about business management, marketing fundamentals, human resources, project management, sustainability and crosscultural awareness.. The knowledge and skills acquired through the program is essential and useful to students for a variety of different careers.		
	9.Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.		
	10.Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and selfdirected learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.		

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Program Name	Program Outcomes		
B.COM. GENERAL	1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.		
	2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.		
	3. Student is able to prepare financial statements of business using accounting principles, concepts ,conventions and provisions		
	4. Student get thorough understanding in areas such as accountancy, business law, corporate law, finance, marketing which will instil in students the knowledge and capability of understanding the business world and economy		
	5. The knowledge of different specializations in Accounting, costing, banking and finance with the practical exposure helps the students to stand in organization.		
	6. Subjects like entrepreneurship, marketing, finance, advertising cultivate entrepreneurial skills and mindset among the students and help them to start and maintain a successful business		
	7. Student is able to implement traditional and modern strategies and practices of costing, banking, economics, marketing, management, auditing and taxation		
	8. The students will acquire practical skills to work as tax consultant, audit assistant and other financial supporting services. The course will also prepare them for competitive exams like CA, CS, ICWA.		
	9.Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.		
	10.Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and selfdirected learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.		

Program Name	Program Outcomes		
B.COM. COMPUTER APPLICATIONS.	1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.		
	2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.		

	3. Student is able to prepare financial statements of business using accounting principles, concepts ,conventions and provisions.		
	4. Student get thorough understanding in areas such as accountancy, business law, corporate law, finance, marketing which will instil in students the knowledge and capability of understanding the business world and economy.		
	5. The knowledge of different specializations in Accounting, costing, banking and finance with the practical exposure helps the students to stand in organization.		
	6. Subjects like entrepreneurship, marketing, finance, advertising cultivate entrepreneurial skills and mindset among the students and help them to start and maintain a successful business.		
	7. To aquire basic knowledge of computers with application to various fields of information technology and its role in automation of modern day business.		
	8. To acquire the necessary skill set and analytical abilities for developing computer based solutions to real corporate and business problems.		
	9.Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.		
	10.Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and selfdirected learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.		

Program Name	Program Outcomes		
B.Sc. M.P.C.	1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.		
	2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.		
	3. Acquire in-depth knowledge on different branches like Calculus, Geometry, Algebra and Analysis of mathematics and their related areas that build solid foundation for higher studies in mathematics.		
	4. Develops logic, analytical reasoning and critical thinking in writing mathematical proofs, modelling real world problems into mathematical problems and finding solutions for them and in turn enhance their employability skills.		
	5. Acquire a fundamental/systematic or coherent understanding of the academic field of Physics, its different learning areas and applications in basic Physics like Astrophysics, Material science, Nuclear and Particle Physics, Condensed matter Physics, Atomic and Molecular Physics, Mathematical Physics, Analytical dynamics, Space science, and its linkages with related disciplinary areas / subjects like Chemistry, Mathematics, Life sciences, Environmental sciences, Atmospheric Physics, Computer science, Information Technology.		

	6. Demonstrate the ability to use skills in Physics and its related areas of technology for formulating and tackling Physics-related problems and identifying and applying appropriate physical principles and methodologies to solve a wide range of problems associated with Physics.		
	7. Capable of demonstrating comprehensive knowledge and understanding of both theoretical and experimental/applied chemistry knowledge in various fields of interest like Analytical Chemistry, Physical Chemistry, Inorganic Chemistry, Organic Chemistry, Material Chemistry, etc.		
	8. Able to use the evidence based comparative chemistry approach to explain the chemical synthesis and analysis and to demonstrate the experimental techniques and methods of their area of specialization in Chemistry.		
	9. Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.		
	10. Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.		

Program Name	Program Outcomes	
B.Sc. M.P.CS.	1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.	
	2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.	
	3. Acquire in-depth knowledge on different branches like Calculus, Geometry, Algebra and Analysis of mathematics and their related areas that build solid foundation for higher studies in mathematics.	
	4. Develops logic, analytical reasoning and critical thinking in writing mathematical proofs, modelling real world problems into mathematical problems and finding solutions for them and in turn enhance their employability skills.	
	5. Acquire a fundamental/systematic or coherent understanding of the academic field of Physics, its different learning areas and applications in basic Physics like Astrophysics, Material science, Nuclear and Particle Physics, Condensed matter Physics, Atomic and Molecular Physics, Mathematical Physics, Analytical dynamics, Space science, and its linkages with related disciplinary areas / subjects like Chemistry, Mathematics, Life sciences, Environmental sciences, Atmospheric Physics, Computer science, Information Technology.	
	6. Demonstrate the ability to use skills in Physics and its related areas of technology for formulating and tackling Physics-related problems and identifying and applying appropriate physical principles and methodologies to solve a wide range of problems associated with Physics.	
	7. Demonstrate the aptitude of Computer Programming and Computer based problem solving skills and prepare necessary knowledge base for research and development.	

	8.Display the knowledge of appropriate theory, practices and tools for the specification, design, implementation of software applications	
	9.Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.	
	10.Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and selfdirected learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.	

Program Name	Program Outcomes		
B.Sc. M.P.W.	1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.		
	2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.		
	3. Acquire in-depth knowledge on different branches like Calculus, Geometry, Algebra and Analysis of mathematics and their related areas that build solid foundation for higher studies in mathematics.		
	4. Develops logic, analytical reasoning and critical thinking in writing mathematical proofs, modelling real world problems into mathematical problems and finding solutions for them and in turn enhance their employability skills.		
	5. Acquire a fundamental/systematic or coherent understanding of the academic field of Physics, its different learning areas and applications in basic Physics like Astrophysics, Material science, Nuclear and Particle Physics, Condensed matter Physics, Atomic and Molecular Physics, Mathematical Physics, Analytical dynamics, Space science, and its linkages with related disciplinary areas / subjects like Chemistry, Mathematics, Life sciences, Environmental sciences, Atmospheric Physics, Computer science, Information Technology.		
	6. Demonstrate the ability to use skills in Physics and its related areas of technology for formulating and tackling Physics-related problems and identifying and applying appropriate physical principles and methodologies to solve a wide range of problems associated with Physics.		
	7.Acquire indepth knowledge on designing and implementation of web based applications and prepare necessary knowledge base for research and development.		
	8. The ability to apply problem solving skills and the knowledge of web technologies to analyze and develop solutions to real world problems related to web design and database design of varying complexity.		
	9.Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.		

	10.Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and selfdirected learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.		
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Program Name	Program Outcomes		
B.Sc. M.S.CS.	1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.		
	2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.		
	3. Acquire in-depth knowledge on different branches like Calculus, Geometry, Algebra and Analysis of mathematics and their related areas that build solid foundation for higher studies in mathematics.		
	4. Develops logic, analytical reasoning and critical thinking in writing mathematical proofs, modelling real world problems into mathematical problems and finding solutions for them and in turn enhance their employability skills.		
	5.Students will be able to understand basic theoretical and applied principles of statistics needed to enter the job force.		
	6. Students will gain proficiency in using statistical software for data analysis.		
	7.Demonstrate the aptitude of Computer Programming and Computer based problem solving skills and prepare necessary knowledge base for research and development.		
	8.Display the knowledge of appropriate theory, practices and tools for the specification, design, implementation of software applications		
	9.Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.		
	10.Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and selfdirected learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.		

Program Name	Program Outcomes		

B.Sc. B.M.C.	1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.		
	2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.		
	3. The students will be able to identify major groups of plants and compare the characteristics of lower and higher group plants. Apply modern techniques and instruments for Biochemical estimation, Molecular Biology, Biotechnology, Plant Tissue culture experiments, cellular and physiological studies of plants with an understanding of the applications in human life.		
	4. Work in teams with enhanced inter-personal skills and Develop the critical thinking with scientific temper. Develop effectively communicate scientific ideas both orally and in writing.		
	5. Analyse various groups of microorganisms with emphasis on bacteria and understand the techniques in microbiology to isolate, characterize the microbes by handling the instruments used in microbiological laboratory.		
	6. Create knowledge about structure, growth and metabolism of useful and harmful microorganisms and their indispensable role in various fields of microbiology.		
	7. Capable of demonstrating comprehensive knowledge and understanding of both theoretical and experimental/applied chemistry knowledge in various fields of interest like Analytical Chemistry, Physical Chemistry, Inorganic Chemistry, Organic Chemistry, Material Chemistry, etc.		
	8. Able to use the evidence based comparative chemistry approach to explain the chemical synthesis and analysis and to demonstrate the experimental techniques and methods of their area of specialization in Chemistry.		
	9. Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.		
	10. Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.		

Program Name	Program Outcomes		
B.Sc. B.Z.C.	1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.		
	2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.		

	3. The students will be able to identify major groups of plants and compare the characteristics of lower and higher group plants. Apply modern techniques and instruments for Biochemical estimation, Molecular Biology, Biotechnology, Plant Tissue culture experiments, cellular and physiological studies of plants with an understanding of the applications in human life.		
	4. Work in teams with enhanced inter-personal skills and Develop the critical thinking with scientific temper. Develop effectively communicate scientific ideas both orally and in writing.		
	5. Understand the nature and basic concepts of cell biology, genetics, taxonomy, physiology, ecology and applied Zoology.		
	6. 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, Entomology, Nematology Sericulture, Biochemistry, Fish biology, Animal biotechnology, Immunology and research methodology		
	7. Capable of demonstrating comprehensive knowledge and understanding of both theoretical and experimental/applied chemistry knowledge in various fields of interest like Analytical Chemistry, Physical Chemistry, Inorganic Chemistry, Organic Chemistry, Material Chemistry, etc.		
	8. Able to use the evidence based comparative chemistry approach to explain the chemical synthesis and analysis and to demonstrate the experimental techniques and methods of their area of specialization in Chemistry.		
	9. Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.		
	10. Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.		

Program Name	Program Outcomes		
B.Sc. H.B.C.	1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.		
	2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.		
	3. To get the employment in the areas of Horticulture business- Commercial Nurseries, production units of Bio-fertilizers, Bio-pesticides and processing units as Quality Analyst / Production Manager / Marketing promoters.		
	4. To generate employment by becoming entrepreneurs by establishing Nurseries / Bio-fertilizers units / Processing Units.		
	5. The students will be able to identify major groups of plants and compare the characteristics of lower and higher group plants. Apply modern techniques and instruments for Biochemical estimation, Molecular Biology, Biotechnology, Plant Tissue culture experiments, cellular and physiological studies of plants with an understanding of the applications in human life.		

	6. Work in teams with enhanced inter-personal skills and Develop the critical thinking with scientific temper. Develop effectively communicate scientific ideas both orally and in writing.		
	7. Capable of demonstrating comprehensive knowledge and understanding of both theoretical and experimental/applied chemistry knowledge in various fields of interest like Analytical Chemistry, Physical Chemistry, Inorganic Chemistry, Organic Chemistry, Material Chemistry, etc.		
	8. Able to use the evidence based comparative chemistry approach to explain the chemical synthesis and analysis and to demonstrate the experimental techniques and methods of their area of specialization in Chemistry.		
	9. Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.		
	10. Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.		


Program Name	Program Outcomes		
B.Sc. H.Z.C.	1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.		
	2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.		
	3. To get the employment in the areas of Horticulture business- Commercial Nurseries, production units of Bio-fertilizers, Bio-pesticides and processing units as Quality Analyst / Production Manager / Marketing promoters.		
	4. To generate employment by becoming entrepreneurs by establishing Nurseries / Bio-fertilizers units / Processing Units.		
	5. Understand the nature and basic concepts of cell biology, genetics, taxonomy, physiology, ecology and applied Zoology.		
	6. 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, Entomology, Nematology Sericulture, Biochemistry, Fish biology, Animal biotechnology, Immunology and research methodology		
	7. Capable of demonstrating comprehensive knowledge and understanding of both theoretical and experimental/applied chemistry knowledge in various fields of interest like Analytical Chemistry, Physical Chemistry, Inorganic Chemistry, Organic Chemistry, Material Chemistry, etc.		
	8. Able to use the evidence based comparative chemistry approach to explain the chemical synthesis and analysis and to demonstrate the experimental techniques and methods of their area of specialization in Chemistry.		
	9. Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.		

	10.Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.		
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Program Name	Program Outcomes		
B.Sc. Z.B.C.	1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.		
	2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.		
	3.Understand the nature and basic concepts of cell biology, genetics, taxonomy, physiology, ecology and applied Zoology.		
	4.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, Entomology,Nematology Sericulture, Biochemistry, Fish biology, Animal biotechnology, Immunology and research methodology		
	5.The student gains knowledge in the chemistry of biomolecules such as water, carbohydrates, lipids, proteins and nucleic acids which make up all the living organisms including humans.		
	6 This will enable the student to understand the importance of these biomolecules in living organisms and effects of their alterations in diseases occurring in plants, animals and humans.		
	7 The practicals will give the expertise to the student for analysis of any biological or non biological sample for identification of its chemical composition.		
	8. Able to use the evidence based comparative chemistry approach to explain the chemical synthesis and analysis and to demonstrate the experimental techniques and methods of their area of specialization in Chemistry.		
	9.Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.		
	10.Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.		

Program Name	Program Outcomes		

B.Sc. Z.Bt.C.	1. Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.		
	2. Demonstrate relevant generic skills and global competencies such as Problem solving skills, communication skills, ICT skills, personal skills such as the ability to work both independently and in a group.		
	3. Understand the nature and basic concepts of cell biology, genetics, taxonomy, physiology, ecology and applied Zoology.		
	4. 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, Entomology, Nematology Sericulture, Biochemistry, Fish biology, Animal biotechnology, Immunology and research methodology		
	5. Acquire technological knowledge in domain of biotechnology enabling their applications in industry and research		
	6. Recognise the importance of Bioethics and IPR for applying appropriate tools to solve biotechnological problems		
	7. Capable of demonstrating comprehensive knowledge and understanding of both theoretical and experimental/applied chemistry knowledge in various fields of interest like Analytical Chemistry, Physical Chemistry, Inorganic Chemistry, Organic Chemistry, Material Chemistry, etc.		
	8. Able to use the evidence based comparative chemistry approach to explain the chemical synthesis and analysis and to demonstrate the experimental techniques and methods of their area of specialization in Chemistry.		
	9. Capable of conducting their work with honesty and precision thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.		
	10. Ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and selfdirected learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.		


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Silver Jubilee Govt. College
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