COMPUTER SCIENCE AND ENGINEERING

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)	
PEO1	Students will establish themselves as effective professionals by solving real problems through the use of computer science knowledge and with attention to team work, effective communication, critical thinking and problem solving skills
PEO2	Students will develop professional skills that prepare them for immediate employment and for life-long learning in advanced areas of computer science and related fields.
PEO3	Students will demonstrate their ability to adapt to a rapidly changing environment by having learned and applied new skills and new technologies
PEO4	Students will be provided with an educational foundation that prepares them for excellence, leadership roles along diverse career paths with encouragement to professional ethics and active participation needed for a successful career

PROGRAM OUTCOMES (POs)	
PO1	Engineering knowledge: Apply the knowledge of Mathematics, Science, Engineering fundamentals, and an Engineering specialization to the solution of complex Engineering problems.
PO2	Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of Mathematics, Natural sciences, and Engineering sciences
PO3	Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations
PO4	Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
PO5	Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations
PO6	The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and

	cultural issues and the consequent responsibilities relevant to the professional engineering practice.
PO7	Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8	Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO9	Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10	Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
PO11	Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
PO12	Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAM SPECIFIC OUTCOMES (PSOs)	
PSO1	Understand, design and analyze computer programs in the areas related to Algorithms, System Software, Web design, Big data, Artificial Intelligence, Machine Learning and Networking.
PSO2	Focus on improving software reliability, network security or information retrieval systems.
PSO3	Make use of modern computer tools for creating innovative career paths, to be an entrepreneur and desire for higher studies

ELECTRONICS AND COMMUNICATION ENGINEERING

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)	
PEO1	To impart value based education and enable them to practice profession with ethics and essence of social responsibility
PEO2	To provide comprehensive learning of Electronics and Communication Engineering for professional excellence and innovation
PEO3	To inculcate the design and development in multidisciplinary innovative system through research.

PROGRAM OUTCOMES (POs)	
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PO2	Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of Mathematics, Natural sciences, and Engineering sciences
PO3	Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and

	environmental considerations
PO4	Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
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PO11	Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
PO12	Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAM SPECIFIC OUTCOMES (PSOs)	
PSO1	Professional skills: an ability to understand the basic concepts in electronics and communication engineering and to apply them to various areas, like electronics, communications signal processing, VLSI, embedded system etc, in the design and implementation of complex system
PSO2	Problem –solving skills: An ability to solve complex electronics and communication engineering problems, using latest hardware and software tools, along with analytical skills to arrive cost effective and appropriate solutions
PSO3	successful Career and Entrepreneurship: An understanding of social awareness and environmental wisdom along with ethical responsibility to have a successful career and to sustain passion and zeal for real-world applications using optimal resources as an Entrepreneur

ELECTRICAL AND ELECTRONICS ENGINEERING

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)	
The graduate of Electrical & Electronics Engineering will be:	
PEO1	Possess strong educational footing in Science, Mathematics and Electrical Engineering which is essential in making successful careers in Higher Education/Research/ Industry and will understand the professional responsibility in modern Electrical Power and Energy related Industry through global requirements
PEO2	To train the students such a manner that they should function effectively in the multicultural and multidisciplinary groups in their practice of Electrical Engineering profession
PEO3	Possess solid foundation in Electrical and electronics Engineering along with effective communication in management, teamwork and entrepreneurship skills for tackling social issues

PROGRAM OUTCOMES (POs)	
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PO2	Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of Mathematics, Natural sciences, and Engineering sciences
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PO12	Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAM SPECIFIC OUTCOMES (PSOs)	
PSO1	Incorporating fundamental concepts of mathematics and science to identify, formulate, design and analyze various issues of renewable energy systems by providing developments in the areas of power electronics, power systems, electromechanical and control aspects
PSO2	Motivate for continuous self learning in engineering practice and pursue research in advanced areas of Electrical Engineering in order to offer engineering services to the Nation.
PSO3	Demonstrate proficiency in use of modern software tools for design, simulation and analysis of electrical systems to adapt in multidisciplinary environments

MASTER OF BUSINESS ADMINISTRATION

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)	
PEO1	To equip students with excellent academic environment to demonstrate high levels of communication skills, creativity, critical thinking, responsibility, teamwork and leadership in their career
PEO2	To enable students to apply management principles and practices for a successful career in the corporate world
PEO3	To solve complex business problems and to develop leadership skills to handle business uncertainties and crisis with a rational approach
PEO4	To engage in citizen social responsibility, to value social commitments and to engage in lifelong learning.

PROGRAM OUTCOMES (POs)	
PO1	Apply knowledge of management theories and practices to solve business problems.
PO2	Foster Analytical and critical thinking abilities for data-based decision making.
PO3	An ability to develop value based leadership ability.
PO4	An ability to understand ,analyze and communicate global ,economic, legal, and ethical aspects of business
PO5	An ability to lead themselves and others in the achievement of

	organizational goals contributing effectively to a team environment.
PO6	The Engineer and society: An ability to demonstrate a critical awareness of current issues (e.g., diversity, social responsibility, sustainability, innovation, knowledge management, etc.) in business and management which informed by leading edged research and practice in the field.
PO7	An ability to analyze a problem, identifies, formulates and uses the appropriate managerial skills for obtaining its solution.
PO8	An ability to develop a systematic understanding of globalization and its impact on people, businesses and the economy.

PROGRAM SPECIFIC OUTCOMES (PSOs)	
PSO1	To apply the fundamental knowledge of management sciences to optimally solve the complex business problems
PSO2	To inculcate in students the ability to gain multidisciplinary knowledge through simulated problems, case analysis, projects and industrial training.
PSO3	To demonstrate the practice of professional ethics and standards for societal and environmental well-being