



Institute Level Vision & Mission

Vision:

To be a leading institution of women empowerment producing internationally accepted professionals with psychological strength, emotional balance and ethical values.

Mission:

M1: To empower women engineers through innovative teaching-learning practices.

M2: To encourage for higher education and research with well-equipped laboratories.

M3: To promote entrepreneurship through creativity and innovation.

M4: To promote environmental sustainability and inculcate ethical, emotional and social.

Department wise Vision, Mission, PEOs & PSOs :: UG Courses

Department of Electronics & Electronics Engineering

Vision:

To be a center of excellence for producing proficient and socially responsible women electrical engineers for industry outreach through quality education and research.

Mission:

M1: To empower the students with skills in current trends through effective teaching- learning process for professional growth.

M2: To foster an eco-system for higher education and research in Electrical Engineering through constant industry interaction.

M3: To facilitate practical expertise in enterprise development and energy environment by promoting innovation and social consciousness.

Program Educational Objectives (PEOs)	Program Specific Outcomes (PSOs)
<p>PEO 1: Possess strong educational foundation in Electrical Engineering for making successful careers in core and allied industry.</p> <p>PEO 2: Develop solutions for realistic problems in the society through innovation and lifelong learning.</p> <p>PEO 3: Exhibit communication skills, leadership qualities, social and environmental responsibility, ethical values in successful career.</p>	<p>PSO 1: Analyze and solve critical problems associated with Power systems/Control Systems using modern software tools.</p> <p>PSO 2: Apply the knowledge of power electronics to control and design high-Performance electrical drives for a career in interdisciplinary field.</p>



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Department of Mechanical Engineering

Vision

To evolve as a centre of excellence by adopting innovative methods for teaching, learning and industry outreach services in the diversified fields of Mechanical Engineering.

Mission

M1: Import quality education and reliable training to nurture globally competitive mechanical engineers.

M2: Provide vital state –of –the-art research facilities to create, interpret, apply and disseminate knowledge & skills.

M3: Develop linkage with organizations for in plant trainings for excellence in teaching, research and consultancy services.

M4: To empower the students with technical knowledge in Mechanical Engineering for pursuing higher education for becoming entrepreneurs/employees of prominent companies and also motivating them towards research to meet the societal needs.

Program Educational Objectives (PEOs)	Program Specific Outcomes (PSOs)
<p>PEO 1: Graduates will become successful practicing engineers in a wide range of mechanical engineering fields with solid foundation in physical and engineering sciences.</p> <p>PEO 2: Graduates will become contributing members of multi-disciplinary engineering teams; solve real time engineering problems successfully applying the fundamental of engineering analysis and engineering design resulting in significant societal development.</p> <p>PEO 3: Graduates who are interested and qualified will achieve meaningful work by pursuing advance study (or) alternate career paths.</p> <p>PEO 4: Graduates will achieve responsible citizenship by undertaking dynamic roles in their community locally, nationally and / or internationally.</p>	<p>PSO 1: An ability to identify analyze and solve engineering problems relating to thermal Engineering systems together with allied engineering streams.</p> <p>PSO 2: An ability to build the nation, by imparting technological inputs and managerial skills to become Technocrats, in build the attitude of developing new concepts on emerging fields of computer Aided Design & Manufacturing and pursuing advanced education.</p>



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Department of Electronics & Communication Engineering

Vision:

To emerge as a center of excellence in the field of Electronics & Communication Engineering to produce competent women engineers with ethical values.

Mission:

M1: To train globally employable engineers through effective teaching – learning process, industry ready skills and value-added courses.

M2: To promote higher education and research initiatives through continuous industry interaction and special skill development programs.

M3: To promote ethical values, personality and leadership skills through extra and co-curricular activities.

Program Educational Objectives (PEOs)	Program Specific Outcomes (PSOs)
<p>PEO1: Graduates will be able to utilize their updated knowledge and skills to adapt themselves in hardware and software industry to pursue their career successfully.</p> <p>PEO2: Graduates will be able to augment their proficiency towards higher education and progress in research.</p> <p>PEO3: Graduates will be able to solve contemporary issues related to society and environment with ethical values.</p>	<p>PSO1: Exploit the concepts of VLSI and Embedded Systems for the implementation of Real Time Applications.</p> <p>PSO2: Apply advance algorithms in signal processing, image processing and communication systems to solve complex problems.</p>

Department of Computer Science & Engineering

Vision

To evolve into a centre of excellence and to empower women in emerging areas of Computer Science and Engineering with human values.

Mission

M1: To train students to analyze, design, develop and test software applications.

M2: To impart technical expertise in sustaining the needs of the IT industry.

M3: To foster research activities and entrepreneurial skills in emerging technologies.

M4: To inculcate lifelong learning skills in line with technological advancement and social consciousness.



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Program Educational Objectives (PEOs)	Program Specific Outcomes (PSOs)
<p>PEO1: Lead the diverse range of careers in IT sectors and initiate entrepreneurship in software development.</p> <p>PEO2: Excel in higher studies and research in emerging areas of Computer Science Engineering.</p> <p>PEO3: Possess continuous learning by adapting to technological trends to help society with ethical values.</p>	<p>PSO1: Graduates exhibit knowledge of basic sciences, skills in engineering specialization like Information security, cloud computing, networking, software engineering and data analytics.</p> <p>PSO2: Graduates can adapt to evolving technologies for design and development of full stack applications, exploring with optimal programming skills.</p>

Department of Information Technology

Vision

To evolve into a center of excellence and produce competent women IT professionals with ethics and values towards research, higher education, and entrepreneurship.

Mission


M1: To empower women engineers with latest skills and technical competency by adopting best practices.

M2: To inspire students towards self-learning, higher education and research with ethics.

M3: To encourage innovation, leadership, communication, skills and motivate them towards entrepreneurs.

Program Educational Objectives (PEOs)	Program Specific Outcomes (PSOs)
<p>PEO 1: Identify, formulate and develop efficient problem solving skills to meet the needs of current and future industry.</p> <p>PEO 2: Inculcate a passion towards higher education, research, lifelong learning and provide cost effective technological solutions to society.</p> <p>PEO 3 :Develop team spirit, logical skills and leadership qualities to become successful engineers and entrepreneurs.</p>	<p>PSO1: Graduates will be able to apply the concepts of optimal coding skills on Data Science, Cryptography and Network Security to solve complex problems.</p> <p>PSO2: Graduates will be able to Excel in Internet of Things (IoT) and Artificial Intelligence Concepts.</p>




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Department wise PEOs & PSOs :: PG Courses

Department of Electronics & Electronics Engineering- P&ID

Program Educational Objectives	Program Specific Outcomes
<p>PEO1: Ability to identify, analyse, design and solve complex and emerging problems of Power Electronics and Drives.</p> <p>PEO2: Attain industry leadership skills to cater to the changing needs of power electronic industry, academia, society and environment.</p> <p>PEO3: Engage in life-long learning through independent study, projects, research and to work in multidisciplinary teams.</p>	<p>PSO1: Apply technical knowledge, skills and analytical ability to design, develop and test power electronic converters and drives using modern tools and technologies.</p> <p>PSO2: Solve the real world problems in the emerging fields like smart grid, renewable energy interfaces, and electric vehicles and to develop innovative technologies relevant to social, ethical, economic and environmental issues.</p>


Department of Mechanical Engineering- CAD/CAM

Program Educational Objectives	Program Specific Outcomes
<p>PEO 1: Turn into successful women engineer with sound technical knowledge in design and manufacturing of mechanical systems.</p> <p>PEO 2: Play a key role in research, innovation and entrepreneurship to address societal and environmental issues.</p> <p>PEO 3: Develop professional and ethical values in the working environment as a part of lifelong learning and practice.</p>	<p>PSO 1: Create and deploy new ideas on mechanical systems with optimal design, analysis and evaluation in using modern CAD tools.</p> <p>PSO 2: Solve critical technical problems in core areas with the use of latest CAM tools and technologies</p>

Department of Electronics & Communication Engineering- VLSI & ES

Program Educational Objectives	Program Specific Outcomes
<p>PEO 1: To educate and train the graduates with knowledge and skills necessary to formulate, design and solve problems in analog, digital & mixed signal VLSI, Embedded system design, VLSI signal processing & Hardware Software Co-Design.</p> <p>PEO 2: Pursue career in research in the various fields of VLSI and Embedded System domain through self-learning on cutting edge technologies.</p>	<p>PSO 1: To design and develop VLSI circuits by learning advanced design techniques and algorithms to optimise design parameters requirement.</p> <p>PSO 2: Integration of embedded co-design for design methodologies in embedded & IoT applications</p>




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Department of Electronics & Communication Engineering- DECS

Program Educational Objectives	Program Specific Outcomes
<p>PEO 1: To educate and train the graduates with knowledge and skills necessary to formulate, design and solve problems in digital electronics and communication domain.</p> <p>PEO 2: Pursue career in research in the various fields of digital electronics and communication domain through self-learning on cutting edge technologies.</p>	<p>PSO 1: To design and develop digital circuits by learning advanced logical functions to optimise design parameters requirement.</p> <p>PSO 2: Apply advanced algorithm in communication systems to design complex applications.</p>

Department of Computer Science & Engineering

Program Educational Objectives	Program Specific Outcomes
<p>PEO 1: Have knowledge and expertise to analyze data and networks using latest tools and technologies.</p> <p>PEO 2: Acquire the knowledge on modern tools to solve hardware and software solutions.</p>	<p>PSO 1: Comprehend latest tools and techniques of Computer Engineering so that they can analyze, design and create computing products and solutions for real life problems.</p> <p>PSO 2: Expose to learn life skills and Intrapersonal development activities to face the dynamically changing technology.</p> <p>PSO 3: Solve interdisciplinary activities, with professional attitude and ethics, communication to work under team and to ability to solve social issues through their Employment. Higher Studies and Research.</p>

Department of Management Studies


Vision

To be a Centre of Excellence in Management Education

Mission

To strive for excellence in imparting managerial knowledge and entrepreneurial skills through global pedagogy; to inculcate leadership qualities for the needs of the industry; to impart social consciousness and ethical values.




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Program Educational Objectives	Program Specific Outcomes
<p>PEO 1: Shall be working as reputed managers of excellence in industry.</p> <p>PEO 2: Shall be able to pursue entrepreneurial stream</p> <p>PEO 3: Shall be leading lives of effective social and ethical values.</p>	<p>PSO1: To transform management students with knowledge of business and entrepreneurship embedded with ethics and social commitment striving towards personal success and value creation to society</p> <p>PSO2: To ignite management students with an approach of multidisciplinary in areas of problem solving, critical analysis and decision making to become effective managers.</p>




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