



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

Sponsored by Lavu Educational Society, Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad.
Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301 Phone: +91 96529 10002/3



Display of Vision, Mission, PEOs, POs, PSOs and COs

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PRINCIPAL
Vignans Institute of Management & Technology For Women
Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(Dt)-501301
Telangana State



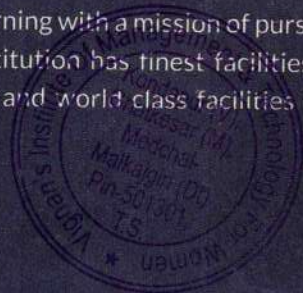
Others saw the problem, He found the solution.

The difference between the dreamers and innovators is that a dreamer just dreams and does nothing to realize it, while an innovator creates his own path to realize his ideas. That streak of originality is the distinct quality that makes them a breed apart from the mere mortals.

About us:

VIGNAN's Institute of Management and Technology for Women, is the brainchild of Dr. L Rathaiyah, Chairman, was founded in 2008, with four branches of Engineering to achieve Women Empowerment.

VMTW is an exemplary institution of higher learning with a mission of pursuing excellence in education and research. The institution has finest facilities for B. Tech. & M. Tech. with accomplished faculty and world class facilities with hostel set on a sprawling area of 22 acres.



VISION

To empower female students with professional education using creative & Innovative technical practices of global competence and research aptitude to become competitive engineers with ethical values and entrepreneurial skills.

MISSION

To impart value based professional education through creative and innovative teaching learning process to face the global challenges of the new era technology. To inculcate research aptitude and to bring out creativity in students by imparting engineering knowledge imbibing interpersonal skills to promote innovation, research and entrepreneurship.



Vignan with its inherent capability to capture the pulse of youth has grasped their aspirations, speed and intellectual capabilities and tuned its curriculum to fulfill their needs. Vignan provides world class training in transferring subject, knowledge, communication and team working skills in learning centered fashion and enables its students to face the global arena with confidence.

- Mr. B. Shrvan, CEO



I am energized and deeply committed in making a positive difference in the lives of your wards by supporting high academic success and placement expectations. We have addressed the College culture and set high standards to improvise the Technical education. We have latest equipment in all labs, established digital classrooms to provide broader scope for learning and also as we believe that knowledge is much beyond the syllabus. Our Internships and Placements reflect in our success.

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Dr. G. Apparao Naidu, Principal

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INSTITUTE OF MANAGEMENT AND
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Dr. Lavu Rathaiah
Founder & Chairman, Vignan Group

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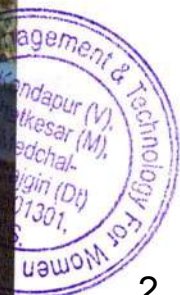
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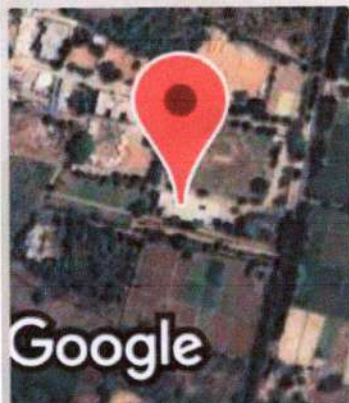
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 Kondapur Village, Ghatkesar Mandal, Medchal, Dist.-501301, Telangana State.
 Website : www.vmtw.in Email: principal@vmtw.in, info@vmtw.in



STUDENTS ATTENDANCE REGISTER

Academic Year	2021-22
Year & Semester	III Year II Sem, Sec-A
Branch	ECE
Name of the Subject	Digital Signal Processing
Name of the Faculty	Vijaykumar R. Urkude

Monthly Verification Signature

S.No	Month	HOD	Principal
01	March-22	<i>[Signature]</i>	<i>[Signature]</i>
02	April-22	<i>[Signature]</i>	<i>[Signature]</i>
03	May-22	<i>[Signature]</i>	<i>[Signature]</i>
04	June-22	<i>[Signature]</i>	<i>[Signature]</i>
05	July-22	<i>[Signature]</i>	<i>[Signature]</i>

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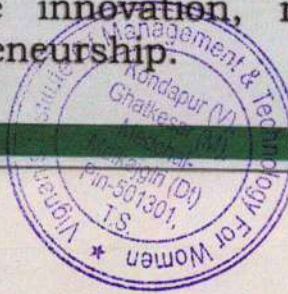
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Program Outcomes (POs)

Engineering Graduates will be able to:

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 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.

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PO9 : Individual and Team Work: Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary settings.

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4. **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.
5. **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.
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9. **Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
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To empower female students with professional education using creative & innovative technical practices of global competence and research aptitude to become competitive engineers with ethical values and entrepreneurial skills.

MISSION OF THE INSTITUTION

1. To impart value based professional education through creative and innovative teaching-learning process to face the global challenges of the new era technology.
2. To inculcate research aptitude and to bring out creativity in students by imparting engineering knowledge imbining interpersonal skills to promote innovation, research and entrepreneurship.

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Vignan's Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajigiri(Dt)-501301
Telangana State



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Padamatisaiguda, Telangana, India

FMGR+PW6 VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR
WOMEN, Keesara - Bogaram - Ghatkesar Rd, Padamatisaiguda, Telangana
501301, India

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VIGNAN'S INSTITUTE OF MANAGEMENT
AND TECHNOLOGY FOR WOMEN

Kondapur (V), Ghatkesar (M), Medchal-Dist - 501301



VIGNAN'S INSTITUTE OF MANAGEMENT
AND TECHNOLOGY FOR WOMEN

Kondapur (V), Ghatkesar (M), Medchal-Dist - 501301

Program Outcomes (POs)

Engineering Graduates will be able to:

PO1 : Engineering Knowledge: Apply the fundamental 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 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 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 lifelong learning in the broadest context of technological change.

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FOR WOMEN, Padamatisaiguda, Telangana 501301, India

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Telangana State



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

Kondapur (V), Ghatkesar (M), Medchal Dist - 501 301

Department of Electronics and Communication Engineering

VISION OF THE DEPARTMENT

To transform the students into technologically competent professionals, with abilities to address the societal challenges of the time through innovative technical practices in electronics & communication engineering

MISSION OF THE DEPARTMENT

- M1:** To foster inquisitive-driven advanced knowledge building among students for reinforcing the domain knowledge, develop capabilities, skills and solve complex engineering problems
- M2:** To prepare industry-ready graduates for global Electronics as well as communication based engineering companies by conducting training programs, workshops and industry visits
- M3:** To build entrepreneurship and leadership qualities, research aptitude among students for the contribution of economic and technological development in cutting edge technologies in the national and as well as in the global arena.



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

Kondapur (V), Ghatkesar (M), Medchal Dist - 501 301

Department of Electronics and Communication Engineering

Program Educational Objectives (PEOs)

- PEO1:** To develop the students ability on technical concepts to design, simulate, and synthesize various electronic and communication circuits & systems for their research advancements.
- PEO2:** To impart analytical skills and to prepare the students excel in applying state of the art hardware and software tools to solve complex engineering problems for R&D, Industry and societal requirements.
- PEO3:** To prepare students to work in teams, take independent decisions and integrate engineering issues for successful career in multi-disciplinary environment.
- PEO4:** To promote entrepreneurship among the students to become successful entrepreneurs with professional ethics.

Program Specific Outcomes (PSOs)

- PSO1: Professional Skills Ability:** Identify, design electronics & communication circuits and conduct experiments with electronics & communication systems, analyze and interpret data, formulate and solve electronics & communication engineering problems
- PSO2: Industrial Skills Ability:** Design digital and analog systems, algorithms, firm ware, modern engineering tools, software, etc. as per needs and specifications and work in laboratory and multidisciplinary tasks.
- PSO3: Ethical and Social Responsibility:** Communicate effectively in both verbal and written form, will have knowledge of professional and ethical responsibilities and will show the understanding of impact of engineering solutions on the society and also will be aware of contemporary issues

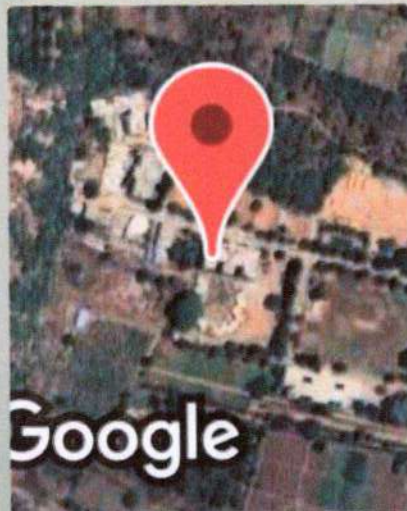


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Telangana State



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VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

Kondapur (V), Ghatkesar (M), Medchal Dist - 501 301

Program Outcomes (POs)

Engineering Graduates will be able to:

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.

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PO12 : Life-Long Learning: Recognize the need for and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.



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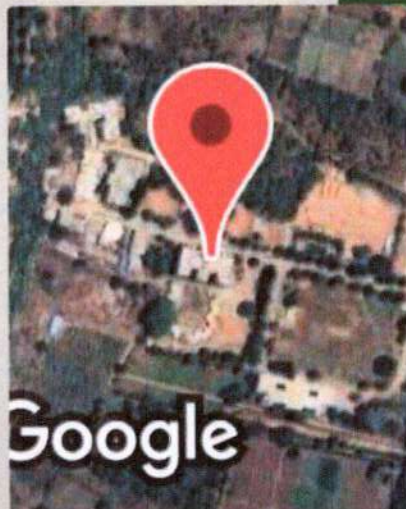


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VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

Kondapur (V), Ghatkesar (M), Medchal Dist - 501 301

Program Outcomes (POs)

- 1. Engineering Knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- 2. Problem Analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural science, and engineering science.
- 3. Design/Development of Solutions:** 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.
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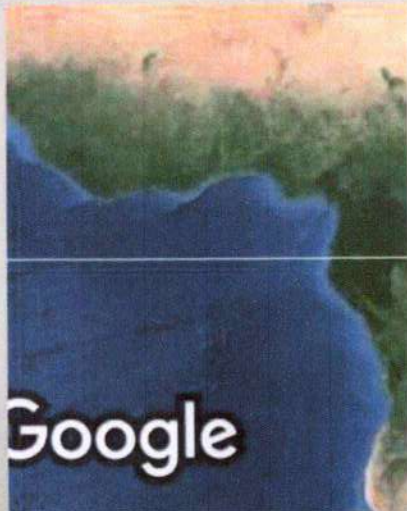


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VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

Ward No. 10, Keesara (M), Padamatisaiguda, 501301

Department of Computer Science and Engineering

VISION OF THE DEPARTMENT

To deliver value oriented and quality education with excellent standards on par with evolving technologies and produce technocrats of global standards with capabilities of facing futuristic challenges.

MISSION OF THE DEPARTMENT

- M1: To enrich advanced knowledge among students by reinforcing the domain knowledge and develop capabilities and skills to solve complex engineering problems.
- M2: To impart value based professional education for a challenging career in Computer Science and Engineering.
- M3: To transform the graduates for contributing to the socio-economic development and welfare of the society through value based education.



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

Program Outcomes (POs)

1. **Engineering Knowledge:** Apply the knowledge in mathematics, science, engineering fundamentals, and computer engineering to solve problems.
2. **Problem Analysis:** Identify, formulate, model, analyze, design, and evaluate complex engineering problems making judicious decisions using the principles of mathematics, science, ethics, and engineering practice.
3. **Design/Development of Solutions:** Design solutions to complex engineering problems and design system components that meet the specified needs with appropriate consideration for public health and safety, and the cultural, societal, and environmental considerations.
4. **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.
5. **Modern Tool Usage:** 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.
6. **The Engineer and Society:** Apply reasoning related to the societal knowledge to assess societal, health, safety, legal and cultural issues and the societal responsibilities and ethically driven decisions related to the professional engineering practice.
7. **Communication:** Communicate effectively the nature of the professional engineering activities in technical and non-technical contexts, self-awareness in knowledge of and need for continuous development.
8. **Commitment:** Apply ethical principles and defend in professional conduct and engineering practice and as a responsible member of the community and as a professional engineer.
9. **Leadership and Team Work:** Function effectively as an individual and as a member in teams in multidisciplinary and/or interdisciplinary contexts.
10. **Communication:** Communicate effectively as a professional engineering activities with the engineering community and with society at large, such as being able to communicate with public, culture, regions and design development, make effective presentations, and give and receive clear instructions.
11. **Project Management and Finance:** Determine, manage and understand the engineering project and management practices and apply them to work life work, as a member and leader in a team, to manage projects and activities within their constraints.
12. **Lifelong Learning:** Engage in continuous learning and have the motivation and ability to apply to the knowledge and skills to keep abreast of the updated knowledge in the related technical areas through learning.



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

Ward No. 10, Keesara (M), Padamatisaiguda, 501301

Department of Computer Science and Engineering

Program Educational Objectives (PEOs)

- PEO1: To acquire logical and analytical skills in the areas of Computer Science & Information Technology.
- PEO2: To adapt new technologies to the changing needs of IT industry through self-study, graduate work and professional development.
- PEO3: To disseminate professional and ethical attitude and skills, team work, leadership skills and service orientation to the profession.

Program Specific Outcomes (PSOs)

- PSO1: **Software Development:** Ability to grasp the software development life cycle of software systems and possess integrated skills and knowledge of software design process.
- PSO2: **Industrial Skills Acquiring:** Ability to synthesize fundamental concepts and methodologies of computer systems so that students can understand the functionality of hardware and software aspects of computer systems.
- PSO3: **Ethical and Social Responsibilities:** Communicate effectively to both verbal and written form, and have knowledge of professional and ethical responsibilities and will show the understanding of impact of engineering activities on the society and also will be aware of sustainability issues.



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Padamatisaiguda, Telangana, India

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VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

Counselling Codes
ECET / EAMCET-VMTW
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About Us

Vision Mission

Governing body

Chairman

CEO

Principal

VISION

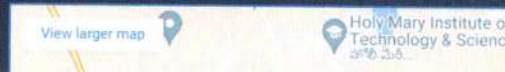
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ROUTE MAP



DEPARTMENTS

- CSE
- CSE (DS)
- CSE (M&DS)

QUICK LINKS

- Bridge Course
- Courses Offered

<http://www.vmtw.in/vision%20mission.php>



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COMPUTER SCIENCE AND ENGINEERING

About CSE Department

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Vision:

To achieve value oriented and quality education with excellent standards on par with evolving technologies and produce technocrats of global standards with capabilities of facing futuristic challenges.

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<http://www.vmtw.in/cseAboutDept.php>



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COMPUTER SCIENCE AND ENGINEERING

Program Educational Objectives :

PEO1: To acquire logical and analytical skills in core areas of Computer Science & Information Technology.

PEO2: To adapt new technologies for the changing needs of IT industry through self-study, graduate work and professional development.

PEO3: To demonstrate professional and ethical attitude, soft skills, team spirit, leadership skills and execute assignments to the perfection.

Program Specific Outcomes :

PSO1: Software Development : Ability to grasp the software development life cycle of software systems and possess competent skill and knowledge of software design process.

PSO2: Industrial Skills Ability: Ability to interpret fundamental concepts and methodology of computer systems so that students can understand the functionality of hardware and software aspects of computer systems.

PSO3: Ethical and Social Responsibility: Communicate effectively in both verbal and written form, will have knowledge of professional and ethical responsibilities and will show the understanding of impact of engineering solutions on the society and also will be aware of contemporary issues.

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Program Specific Outcomes :

PS01: Software Development : Ability to grasp the software development life cycle of software systems and possess competent skill and knowledge of software design process.

PS02: Industrial Skills Ability: Ability to interpret fundamental concepts and methodology of computer systems so that students can understand the functionality of hardware and software aspects of computer systems.

PS03: Ethical and Social Responsibility: Communicate effectively in both verbal and written form, will have knowledge of professional and ethical responsibilities and will show the understanding of impact of engineering solutions on the society and also will be aware of contemporary issues.

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PO6 : The Engineer and Society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues

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Professional Societies/Bodies

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<p>VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN kondapur(V), Hyderabad, Medchal Dist-501301 Phone : +91-9652910002/3</p>	<p>ROUTE MAP</p> 	<p>DEPARTMENTS</p> <ul style="list-style-type: none"> CSE CSE (DS) CSE (AI&DS) CSE (AI&ML) IT 	<p>QUICK LINKS</p> <ul style="list-style-type: none"> Bridge Course Courses Offered Admission Procedure Download Forms
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DATA SCIENCE

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- Research

Vision:

To be a leading department of Data Science that leverages cutting-edge technologies, techniques, and tools to transform data into actionable insights, and deliver innovative solutions that drive business growth, social impact, and scientific discovery.

Mission:

- DM1:** Advancing the state-of-the-art in Data Science through cutting-edge research that generates novel algorithms, models, and tools for analyzing and visualizing complex data.
- DM2:** Providing rigorous and practical training in Data Science to equip students with the skills, knowledge, and experience required to excel in the field
- DM3:** Collaborating with industry partners and government agencies to apply Data Science to real-world problems and deliver innovative solutions that create value for businesses, communities, and society at large.

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DATA SCIENCE

Program Educational Objectives :

PEO1: To demonstrate professional excellence in Data Science by applying their knowledge and skills to solve complex problems and create value for businesses, organizations, and society.

PEO2: To adapt continuous learning and professional development to stay abreast of the latest developments in Data Science and related fields.

PEO3: To inculcate ethical and social responsibility by upholding high standards of professional conduct and contributing to the well-being of society.

Program Specific Outcomes :

PSO1: Apply knowledge of mathematics, statistics, computer science, and domain-specific expertise to analyze complex data and derive insights that support decision-making.

PSO2: Develop and implement data-driven models, algorithms, and visualization techniques to solve real-world problems in diverse domains, such as finance, healthcare, education, and social sciences.

PSO3: Use modern data management systems, software tools, and platforms to collect, store, retrieve, process, and analyze large volumes of data.

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PS03: Use modern data management systems, software tools, and platforms to collect, store, retrieve, process, and analyze large volumes of data efficiently and effectively. Apply ethical, legal, and social considerations to data science projects and uphold professional standards of conduct and confidentiality.

Program Outcomes :

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 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.



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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 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 lifelong learning in the broadest context of technological change.

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ROUTE MAP



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- CSE (AI&ML)
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- Magazine 2022
- Grievance

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ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

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Vision:

To be a leading department of Artificial Intelligence and Data Science that provides cutting-edge education, research, and innovation in the field, and prepares graduates to become globally competitive professionals, researchers, and entrepreneurs.

Mission:

- DM1:** Providing comprehensive education and training in the principles, tools, and applications of Artificial Intelligence and Data Science, to prepare graduates for a wide range of careers and research opportunities.
- DM2:** Conducting cutting-edge research in the field of Artificial Intelligence and Data Science, including the development of new algorithms, models, and platforms for data analysis, machine learning, and deep learning.
- DM3:** Fostering collaborations and partnerships with industry, government, and academia to promote the transfer of technology, innovation, and entrepreneurship.

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ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Program Educational Objectives :

PEO1: To demonstrate technical excellence in Artificial Intelligence and Data Science by applying their knowledge and skills to develop and implement advanced algorithms, models, and platforms for data analysis, machine learning, and deep learning.

PEO2: To acquire continuous learning and professional development to stay abreast of the latest developments in Artificial Intelligence and Data Science and related fields, and to advance their careers.

PEO3: To exhibit professionalism and leadership skills by upholding high ethical standards and contributing to the development and dissemination of best practices in Artificial Intelligence and Data Science.

Program Specific Outcomes :

PSO1: Ability to develop and implement data-driven models, algorithms, and visualization techniques using state-of-the-art tools and platforms for Artificial Intelligence and Data Science to solve real-world problems in diverse domains.

PSO2: Ability to advanced techniques such as machine learning, deep learning, and natural language processing to design and develop intelligent systems that can learn from data and adapt to changing environments.

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PS03: Collaborate effectively in interdisciplinary teams to design, develop, and deploy Artificial Intelligence and Data Science solutions that meet business, social, and scientific requirements. Conduct independent research in Artificial Intelligence and Data Science, and contribute to the development of new techniques, algorithms, and systems for the field.

Program Outcomes :

PO1 : Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems

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ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

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Vision:

To be a globally recognized center of excellence in education, research, and innovation in Artificial Intelligence and Machine Learning.

Mission:

DM1: To Providing a comprehensive curriculum that covers foundational concepts and advanced topics in AI and machine learning, and emphasizes hands-on experience and project-based learning.

DM2: Encouraging and supporting cutting-edge research in AI and machine learning, and fostering collaborations with industry and academia.

DM3: Providing opportunities for professional development, networking, and lifelong learning, and supporting our alumni in their continued success in the field of AI and machine learning.

<http://www.vmtw.in/aimlvn.php>



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ARITIFICAL INTELLIGENCE AND MACHINE LEARNING

Program Educational Objectives :

- PEO1:** Exhibit the knowledge of artificial intelligence and machine learning concepts to solve complex problems in diverse industries.
- PEO2:** To implement necessary skills to design, develop, and implement intelligent systems that can analyze large datasets, learn from them, and make informed decisions.
- PEO3:** Apply deep understanding of ethical considerations in the development and deployment of AI systems, including privacy, security, and fairness.

Program Specific Outcomes :

- PSO1: Engineering Fundamentals:** Ability to apply mathematical foundations, algorithms, and statistical models to analyze and solve complex problems in AI and machine learning.
- PSO2: Industrial Skills Ability:** Ability to design and develop AI and machine learning models using various tools and programming languages such as Python, R, and TensorFlow., Ability to evaluate the performance of AI and machine learning models using various performance metrics and data visualization techniques.

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PSO3: Ethical and Social Responsibility: Understanding of the ethical, social, and legal issues associated with the development and deployment of AI and machine learning systems. Ability to work collaboratively in interdisciplinary teams to design and implement AI and machine learning solutions to real-world problems.

Program Outcomes :

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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 safety, and the cultural, societal, and environmental considerations.

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IT Syllabus

Department Vision:

To be a centre of excellence in core Information Technology and multidisciplinary learning and research, where students get trained in latest technologies for professional and social growth.

Department Mission:

- M1: To enable the students acquire skills related to latest technologies in IT through practice-oriented teaching and training.
- M2: To mould young graduates to unleash their abilities for innovation and demands of the industry.
- M3: To implant innovative thinking through collaborative research.

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IT Syllabus

Program Educational Objectives :

PEO1 : To empower students with substantial knowledge in mathematics, scientific and primitive engineering concepts required to solve computing problems and pursue higher studies.

PEO2 : To equip students with profound knowledge about the vital information technology and allied engineering concepts to deal with industry oriented problems and develop novel products.

PEO3 : To inculcate professional-social ethics, team work in students and acquaint them with requisite technical and managerial skills to attain a successful career.

Program Specific Outcomes :

PSO1 : Apply standard practices for software project development using hands-on programming skills for analysis, design and creation of software solutions.

PSO2 : Design networks and also aware of network security related issues

PSO3 : Create and maintain database for providing back-end support to IT applications.

Program Outcomes :



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Program Outcomes :

P01 : Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems

P02 : 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.

P03 : 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 safety, and the cultural, societal, and environmental considerations.

P04 : 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.

P05 : 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.

P06 : 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.

P07 : 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.

P08 : Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

P09 : Individual and Team Work: Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary settings.

P010 : 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.

P011 : Project Management and Finance: Demonstrate knowledge and understanding of the engineering 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.



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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.

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Vision:

To transform the students into technologically competent professionals, with abilities to address the societal challenges of the time through innovative technical practices in electronics & communication engineering

Mission:

M1: To foster inquisitive-driven advanced knowledge building among students for reinforcing the domain knowledge, develop capabilities, skills and solve complex engineering problems

M2: To prepare industry-ready graduates for global Electronics as well as communication based engineering companies by conducting training programs, workshops and industry visits.

M3: To build entrepreneurship and leadership qualities, research aptitude among students for the contribution of economic and technological development in cutting edge technologies in the national and as well as in the global arena.

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ELECTRONICS AND COMMUNICATION ENGINEERING



Department of Electronics and Communication Engineering was started since the inception of Vignan's Institute of Management and Technology for Women during 2008 with an initial intake of 90. The strength was enhanced to 120 during 2010. The Department had added Post graduate programme in VLSI during the year 2011 and Embedded Systems during 2014 with an intake of 18 each.

The Department has state-of-art laboratories equipped with advanced and well maintained equipment, continuously updated application software packages, more than adequate computing systems with 24x7, 300 MBPS internet facility.

Program Educational Objectives(PEOs) :

- PEO1:** To develop the students ability on technical concepts to design, simulate, and synthesize various electronic and communication circuits & systems for their research advancements.
- PEO2:** To impart analytical skills and to prepare the students excel in applying state of the art hardware and software tools to solve complex engineering problems for R&D, Industry and societal requirements.
- PEO3:** To prepare students to work in teams, take independent decisions and integrate engineering issues for successful career in multi-disciplinary environment.

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PE04: To promote entrepreneurship among the students to become successful entrepreneurs with professional ethics.

Program Specific Outcomes(PSOS):

PS01:1. Professional Skills Ability: Identify, design electronics & communication circuits and conduct experiments with electronics & communication systems, analyze and interpret data, formulate and solve electronics & communication engineering problems.

PS02: Industrial Skills Ability: Design digital and analog systems, algorithms, firm ware, modern engineering tools, software, etc. as per needs and specifications and work in laboratory and multidisciplinary tasks.

PS03: Ethical and Social Responsibility: Communicate effectively in both verbal and written form, will have knowledge of professional and ethical responsibilities and will show the understanding of impact of engineering solutions on the society and also will be aware of contemporary issues

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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

<p>VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN kondapur(V), Hyderabad, Medchal Dist-501301 Phone : +91 9652910002/3 Email : info.vmtw@gmail.com</p>	<p>ROUTE MAP</p> 	<p>DEPARTMENTS</p> <ul style="list-style-type: none">CSECSE (DS)CSE (AI&DS)CSE (AI&ML)ITECE	<p>QUICK LINKS</p> <ul style="list-style-type: none">Bridge CourseCourses OfferedAdmission ProcedureDownload FormsNIRF-2022Magazine 2022Grievance
<p>Copyright © 2022</p>	<p>Developed by: S. Sandeep Babu (Asst.Prof. in CSE Dept.)</p>		

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VISION

To empower female students with professional education using creative & innovative technical practices of global competence and research aptitude to become competitive engineers with ethical values and entrepreneurial skills.

MISSION

To impart value based professional education through creative and innovative teaching-learning process to face the global challenges of the new era technology.

To inculcate research aptitude and to bring out creativity in students by imparting engineering knowledge imbuing interpersonal skills to promote innovation, research and entrepreneurship.

ABOUT US

Vignan's Institute of Management and Technology For Women, is the brainchild of Dr. L. Rathaiah, Chairman, Vignan Group of Institutions, was founded during, August, in 2008, with four branches of Engineering.

VMTW is an exemplary institution of higher learning with a mission of pursuing excellence in education and research. The institution, with their diverse and dynamic community of about 2000 students offers a distinctive combination of some of the finest facilities for MCA, MBA and M.Tech, with 5 different graduate, and undergraduate programs ECE, CSE, IT accomplished faculty, world class facilities with hostel set on a sprawling area of 22 acres sylvan surroundings of mango groves and greenery.

While students at VMTW immerse themselves in academics, the college has a lot in store for them outside the classroom. Student life includes participation in sports, recreational & co-curricular and cultural activities. In short, at VMTW, students will find an academic and social environment where everyone from faculty members to peers help shape their future.

VMTW is a home to aesthetically designed buildings with state of the-art computer and internet facilities, modern laboratories, workshops, seminar halls, auditoriums and well stocked libraries, sports and games fields.

The institution boasts of a strong alumni network with alumni events held every year serving as a platform for past students to give back to VMTW and share their experiences with its present fellow students. With so much to offer, it is only natural that students of VMTW get a unique opportunity to carve a niche for themselves in their chosen field of study that enables them to become well-rounded and discerning citizens, fully qualified for their chosen professions in the workplace. With so much to offer, it is only natural that students of VMTW get a unique opportunity to carve a niche for themselves in their chosen field of study that enables them to become well-rounded and discerning citizens, fully qualified for their chosen professions in the workplace.



Chairman Message

"Well Thought-out Reforms In Technical Education Is The Need Of The Hour"

We, in India today, are living in a transitional era. On one hand, we are swamped by the global financial meltdown while on the other, we are witnessing a slow but sure revival of the manufacturing and agricultural sectors. It is evident that highly trained and skilled professionals will be needed in vast numbers to enable our country's transition towards industrial and financial self-sufficiency. In this changing scenario, technology will continue to be a major catalyst for enabling the country's transformation. So the demand for quality technical education in India is huge.

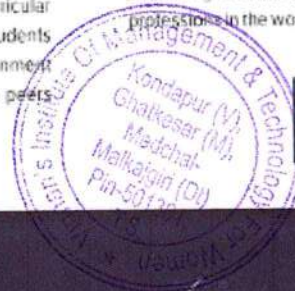
In Telangana, we often mention with pride that the state has the largest number of technical/professional institutions to impart skill based education to fulfill the needs of the industry. However the fact remains that, in spite of the large number of engineers churned out from the 300 and odd colleges every year, there continues to be an unbridged gap between the needs of the Industry and the skill set that the engineering students possess. Thus we are faced with a paradoxical situation where employers keep scouting for employees and vice versa.

The problem is not difficult to analyze. In spite of possessing impressive infrastructure and high-tech labs, the quality of technical education imparted in most engineering colleges is woefully poor. Despite the proliferation of colleges, the demand for holistic engineering education remains as high as ever. A keen introspection by the administrative authorities both at the planning and executive level is needed to evolve effective supervisory and regulatory mechanisms so as to reinforce good standards of technical education. Unscrupulous practices compromising on the quality of education need to be checked. All engineering colleges in the state should vie with each other to develop wholesome systems contributing to innovative teaching - learning practices, which will upscale the educational standards in the state and serve the future generation of students in realizing their dreams.

We at Vignan group of Institutions resolve to rededicate ourselves to the cause of the nation the march towards Vision 2020, the dream of seeing India as a developed nation...

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Vignan's Institute of Management & Technology For Women
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VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

Kondapur (V), Ghatkesar (M), Medchal Dist - 501 301

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Program Outcomes (POs)

1. **Engineering Knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **Problem Analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural science, and engineering science.
3. **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.
4. **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.
5. **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.
6. **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.
7. **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.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **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.
11. **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.
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VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

Kondapur (V), Ghatkesar (M), Medchal (Dt) - 501301

Program Outcomes (POs)

Engineering Graduates will be able to:

PO1 : Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialisation to the solution of complex engineering problems

PO2 : Problem Analysis: Identify, formulate, review research literature, and analyse 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 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 practices.

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PO8 : Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

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Telangana State



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

Kondapur (V), Ghatkesar (M), Medchal Dist - 501301

Department of Computer Science and Engineering

VISION OF THE DEPARTMENT

To achieve value oriented and quality education with excellent standards on par with evolving technologies and produce technocrats of global standards with capabilities of facing futuristic challenges.

MISSION OF THE DEPARTMENT

- M1:** To enrich advanced knowledge among students for reinforcing the domain knowledge and develop capabilities and skills to solve complex engineering problems.
- M2:** To impart value based professional education for a challenging career in Computer Science and Engineering.
- M3:** To transform the graduates for contributing to the socio-economic development and welfare of the society through value based education



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

Kondapur (V), Ghatkesar (M), Medchal Dist - 501301

Department of Computer Science and Engineering

Program Educational Objectives (PEOs)

The Graduate will be able to:

- PEO1:** Achieve professional competency in the field of Computer Science and Engineering.
- PEO2:** Acquire domain knowledge to pursue higher education and research.
- PEO3:** Become socially responsible engineers with good leadership qualities and effective interpersonal skills.

Program Specific Outcomes (PSOs)

The Graduate will be able to:

- PSO1:** Demonstrate basic knowledge of computer applications and apply standard practices in software project development.
- PSO2:** Understand, Analyze and Develop computer programs for efficient design of computer-based systems of varying complexity.

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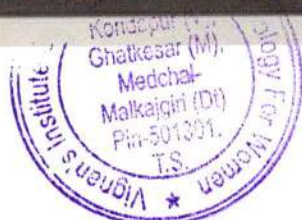
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VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

Kondapur (V), Ghatkesar (M), Medchal Dist - 501 301

Department of Electronics and Communication Engineering

VISION OF THE DEPARTMENT

To transform the students into technologically competent professionals, with abilities to address the societal challenges of the time through innovative technical practices in electronics & communication engineering

MISSION OF THE DEPARTMENT

- M1:** To foster inquisitive-driven advanced knowledge building among students for reinforcing the domain knowledge, develop capabilities, skills and solve complex engineering problems
- M2:** To prepare industry-ready graduates for global Electronics as well as communication based engineering companies by conducting training programs, workshops and industry visits
- M3:** To build entrepreneurship and leadership qualities, research aptitude among students for the contribution of economic and technological development in cutting edge technologies in the national and as well as in the global arena.



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

Kondapur (V), Ghatkesar (M), Medchal Dist - 501 301

Department of Electronics and Communication Engineering

Program Educational Objectives (PEOs)

- PEO1:** To develop the students ability on technical concepts to design, simulate, and synthesize various electronic and communication circuits & systems for their research advancements.
- PEO2:** To impart analytical skills and to prepare the students excel in applying state of the art hardware and software tools to solve complex engineering problems for R&D, industry and societal requirements.
- PEO3:** To prepare students to work in teams, take independent decisions and integrate engineering issues for successful career in multi-disciplinary environment.
- PEO4:** To promote entrepreneurship among the students to become successful entrepreneurs with professional ethics.

Program Specific Outcomes (PSOs)

- PSO1: Professional Skills Ability:** Identify, design electronics & communication circuits and conduct experiments with electronics & communication systems, analyze and interpret data, formulate and solve electronics & communication engineering problems
- PSO2: Industrial Skills Ability:** Design digital and analog systems, algorithms, firm ware, modern engineering tools, software, etc. as per needs and specifications and work in laboratory and multidisciplinary tasks.
- PSO3: Ethical and Social Responsibility:** Communicate effectively in both verbal and written form, will have knowledge of professional and ethical responsibilities and will show the understanding of impact of engineering solutions on the society and also will be aware of contemporary issues



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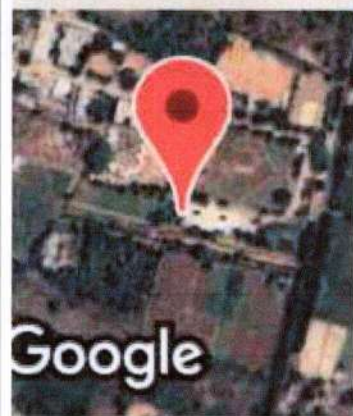
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Telangana State



Program Outcomes (POs)

Engineering graduates will be able to:

- PO1: Apply engineering knowledge to design products, systems and processes that meet the needs of society, industry and the environment.
- PO2: Design systems, components or processes to meet specific needs and requirements, taking into account public health, safety, legal and cultural issues, and the environment.
- PO3: Identify, formulate, analyze and solve complex engineering problems that require the application of knowledge of multiple disciplines, often involving the prediction of human behavior.
- PO4: Apply engineering design to produce solutions that meet specified needs and requirements while considering public health, safety, legal and cultural issues, the environment, and the sustainability of the natural world.
- PO5: Apply engineering design to produce solutions that meet specified needs and requirements while considering public health, safety, legal and cultural issues, the environment, and the sustainability of the natural world.
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Department of Computer Science and Engineering

VISION OF THE DEPARTMENT

To achieve value oriented and quality education with excellent standards in par with evolving technologies and produce technocrats of global standards with capabilities of facing futuristic challenges.

MISSION OF THE DEPARTMENT

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- ME3: To transform the graduates for contributing to the socio-economic development and welfare of the society through value based education.



Department of Computer Science and Engineering

Program Educational Objectives (PEOs)

- PEO1: To employ logical and analytical skills in the areas of Computer Science & Information Technology.
- PEO2: To adapt new technologies to the changing needs of IT systems through self study, problem work and professional development.
- PEO3: To disseminate professional and ethical standards, skills, team spirit, leadership skills and research aptitude to the profession.

Program Specific Outcomes (PSOs)

- PSO1: **Software Development:** Ability to grasp the software development life cycle of software systems and prepare computer code and knowledge of software design process.
- PSO2: **Industrial Skills Ability:** Ability to integrate professional concepts and methodology of computer systems in their students use understand the functionality of hardware and software aspects of computer systems.
- PSO3: **Ethical and Social Responsibility:** Communicate effectively in both verbal and written form, will have knowledge of professional and ethical responsibilities and will show the understanding of impact of engineering solutions on the society and also will be aware of contemporary issues.

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VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

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Kondapur (V), Ghatkesar (M), Medchal Dist - 501 301

Department of Computer Science and Engineering

Program Educational Objectives (PEOs)

- PEO1:** To acquire logical and analytical skills in core areas of Computer Science & Information Technology.
- PEO2:** To adapt new technologies for the changing needs of IT industry through self-study, graduate work and professional development.
- PEO3:** To demonstrate professional and ethical attitude, soft skills, team spirit, leadership skills and execute assignments to the perfection.

Program Specific Outcomes (PSOs)

- PSO1: Software Development:** Ability to grasp the software development life cycle of software systems and possess competent skill and knowledge of software design process.
- PSO2: Industrial Skills Ability:** Ability to interpret fundamental concepts and methodology of computer systems so that students can understand the functionality of hardware and software aspects of computer systems.
- PSO3: Ethical and Social Responsibility:** Communicate effectively in both verbal and written form, will have knowledge of professional and ethical responsibilities and will show the understanding of impact of engineering solutions on the society and also will be aware of contemporary issues.



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Kondapur (V), Ghatkesar (M), Medchal Dist. - 501 301

Department of Electronics & Communication Engineering

ELECTRONIC CIRCUIT ANALYSIS LAB

Course Outcomes (COs)

After going through this course the student will

- CO-1 :** Design common emitter amplifier, two stage RC coupled amplifier and simulate in simulation laboratory using Multi-Sim software.
- CO-2 :** Design feedback amplifiers and simulate in simulation laboratory using Multi-Sim software.
- CO-3 :** Design phase shift oscillators and simulate it in simulation laboratory using Multi-Sim software.
- CO-4 :** Design class A, class B complimentary symmetry amplifier and simulate in simulation laboratory using Multi-Sim software.
- CO-5 :** Quantify their ability to communicate effectively through weekly written reports and lab notebooks.



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Department of Electronics & Communication Engineering

E – CAD LAB

Course Outcomes (COs)

After going through this course the student will

- CO-1 :** Understand the physical design process of Digital Integrated Circuits.
- CO-2 :** Describe procedure for designing of programmable circuits.
- CO-3 :** Demonstrate the ability to use various EDA tools for digital system design.
- CO-4 :** Implement various combinational and sequential circuits using VHDL on FPGA.
- CO-5 :** Implement schematic and layout of various digital CMOS logic circuits using EDA tools.



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VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (DT)-501301, T.S.

Department of Electronics and Communication Engineering

VISION OF THE DEPARTMENT

To transform the students into technologically competent professionals, with abilities to address the societal challenges of the time through innovative technical practices in electronics & communication engineering.

MISSION OF THE DEPARTMENT

- M1:** To foster inquisitive-driven advanced knowledge building among students for reinforcing the domain knowledge, develop capabilities, skills and solve complex engineering problems.
- M2:** To prepare industry-ready graduates for global Electronics as well as communication based engineering companies by conducting training programs, workshops and industry visits.
- M3:** To build entrepreneurship and leadership qualities, research aptitude among students for the contribution of economic and technological development in cutting edge technologies in the national and as well as in the global arena.



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (DT)-501301, T.S.

Department of Electronics and Communication Engineering

Program Educational Objectives (PEOs)

- PEO1:** To develop the students ability in synthesis of concepts in design, simulate, and evaluate discrete electronic and communication circuits & systems in their research advancements.
- PEO2:** To impart analytical skills used to prepare the students apt in applying state of the art hardware and software tools to solve complex engineering problems for E&C, Industry and societal requirements.
- PEO3:** To prepare the students to work in teams, take independent decision and integrate engineering issues for cross-functional or multi-disciplinary engineering.
- PEO4:** To promote entrepreneurship among the students to become successful entrepreneurs with professional ethics.

Program Specific Outcomes (PSOs)

- PSO1: Professional Skills Ability:** Identify design requirements & communication needs, and conduct experiments with electronics & communication systems, analyze and interpret data, simulate and solve electronics & communication engineering problems.
- PSO2: Industrial Skills Ability:** Design digital and analog systems, algorithms, etc. using modern engineering tools, software, etc. to get needs and specifications met with in laboratory and multidisciplinary tasks.
- PSO3: Ethical and Social Responsibility:** Communicate effectively in both verbal and written form, will have knowledge of professional and ethical responsibilities and will show the understanding of impact of engineering activities on the society and also will be aware of contemporary issues.



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN
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Program Outcomes (POs)

1. Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization in the solution of complex engineering problems.
2. Problem Analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching well-structured conclusions using first principles in mathematics, science, electronics and engineering sciences.
3. Design/Development of Solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate constraints and the global, health, safety, and environmental factors, and socio-cultural considerations.
4. 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.
5. Modern Tool Usage: Choose, apply and update appropriate software, simulation, and analytical engineering tools to solve engineering problems and modeling to enhance engineering solutions with an understanding of the limitations.
6. The Engineer and Society: Apply reasoning followed by the systematic knowledge in human societal, health, safety, legal and cultural issues and the environment and sustainability related to the professional engineering practice.
7. Communication: Understand the impact of the professional engineering activities in societal and environmental contexts, and communicate the knowledge of and solutions to complex engineering problems.
8. Ethical Approach: Practice and defend to professional ethics and responsibilities and norms of the engineering practice.
9. Individual and Team Work: Function effectively as an individual, and as a member in a multidisciplinary team, and in a multidisciplinary setting.
10. Entrepreneurship: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as being able to contribute and work effectively reports and design presentations, make effective presentations, and give and receive the instructions.
11. Project Management and Finance: Demonstrate knowledge in understanding of the engineering and management practices and apply this to one's own work, as a member or leader in a team, to manage projects and financial activities effectively.
12. Life-long Learning: Recognize the need for, and have the motivation ability to engage in independent and lifelong learning in the broader area of technology change.



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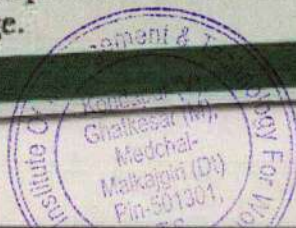


VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

Kondapur (V), Ghatkesar (M), Medchal Dist - 501 301

Program Outcomes (POs)

- 1. Engineering Knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- 2. Problem Analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural science, and engineering science.
- 3. 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.
- 4. 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.
- 5. 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.
- 6. 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.
- 7. 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.
- 8. Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- 9. Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- 10. 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.
- 11. 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.
- 12. 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.



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Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (DT) - 501 301. Phone - 98289 10000/3



BASIC SIMULATION

LABORATORY RECORD

B.Tech.-ECE

II Year - I Semester

(A.Y. 2021-22)

Department of

Electronics and Communication Engineering

Student Name : VALABHOTO MANASA

Roll No : 200PIA0441

Section : ECE-B



[Signature]
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Vignans Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(DT)-501301
Telangana State

VISION and MISSION OF THE INSTITUTE & DEPARTMENT

VISION OF THE INSTITUTION

To empower female students with professional education using creative & innovative technical practices of global competence and research aptitude to become competitive engineers with ethical values and entrepreneurial skills.

MISSION OF THE INSTITUTION

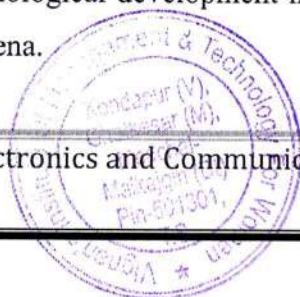
1. To impart value based professional education through creative and innovative teaching learning process to face the global challenges of the new era technology.
2. To inculcate research aptitude and to bring out creativity in students by imparting engineering knowledge imbining interpersonal skills to promote innovation, research and entrepreneurship.

ECE DEPARTMENT VISION

To transform the students into technologically competent professionals, with abilities to address the societal challenges of the time through innovative technical practices in electronics & communication engineering.

ECE DEPARTMENT MISSION

- M1:** To foster inquisitive-driven advanced knowledge building among students for reinforcing the domain knowledge, develop capabilities, skills and solve complex engineering problems.
- M2:** To prepare industry-ready graduates for global Electronics as well as communication-based engineering companies by conducting training programs, workshops and industry visits.
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- M4:** To build leadership qualities, research aptitude among students for the contribution of economic and technological development in cutting edge technologies in national and as well as in the global arena.



PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- PEO-1:** To develop the student's ability on technical concepts to design, simulate, and synthesize various electronic and communication circuits & systems for their research advancements.
- PEO-2:** To impart analytical skills and to prepare the students excel in applying state of the art hardware and software tools to solve complex engineering problems for R&D, Industry and societal requirements.
- PEO-3:** To prepare students to work in teams, take independent decisions and integrate engineering issues for successful career in multi-disciplinary environment.
- PEO-4:** To promote entrepreneurship among the students to become successful entrepreneurs with professional ethics.



A handwritten signature in green ink, appearing to be "V. S. N."

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Kondapur(V), Chatkeer(M), Medchal-Malkajiri(Dt)-501301
Telangana State

PROGRAM OUTCOMES (POs)

Engineering Graduates will be able to:

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems
2. **Problem analysis:** Identify, formulate review research literature and analyze complex engineering problems reaching substantiated conclusions using first principle of mathematics, natural science and engineering science
3. **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
4. **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
5. **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
6. **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
7. **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
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice
9. **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings




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10. **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
11. **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
12. **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




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PROGRAM SPECIFIC OUTCOMES (PSOs)

A graduate of the Electronics and Communication Engineering Program will be able to

1. **Professional Skills Ability:**

Identify, design electronics & communication circuits and conduct experiments with electronics & communication systems, analyze and interpret data, formulate and solve electronics & communication engineering problems.

2. **Industrial Skills Ability:**

Design digital and analog systems, algorithms, firm ware, modern engineering tools, software, etc. as per needs and specifications and work in laboratory and multidisciplinary tasks.

3. **Ethical and Social Responsibility:**

Communicate effectively in both verbal and written form, will have knowledge of professional and ethical responsibilities and will show the understanding of impact of engineering solutions on the society and also will be aware of contemporary issues.



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COURSE OBJECTIVES

- To introduce basic signals such as impulse, unit step and complex exponential etc.
- To know the applications of signal processing .
- To give understanding of various types of signals and systems using simulations
- To learn basic techniques for the design of stable CT and DT systems and analyze them using Fourier Transform etc.
- To analyse harmonics in the systems.

COURSE OUTCOMES

Upon completion of the Course, the students will be able to:

- Write programs in Matlab programming language.
- Generate standard signals such as impulse, heaviside, sinc etc.
- Find whether a given system is Linear or Time Invariant or not.
- Analyze systems in frequency domain using Fourier Transform , Laplace Transform and Z -transform.
- To eliminate noise using Auto Correlation & Cross Correlation.




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VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN
Kondapur (V), Ghatkesar (M), Medchal-Dist - 501 301

Program Outcomes (POs)

Engineering Graduates will be able to:

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 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 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 lifelong learning in the broadest context of technological change.

VISION OF THE INSTITUTION

To empower female students with professional education using creative & innovative technical practices of global competence and research aptitude to become competitive engineers with ethical values and entrepreneurial skills.

MISSION OF THE INSTITUTION

1. To impart value based professional education through creative and innovative teaching-learning process to face the global challenges of the new era technology.
2. To inculcate research aptitude and to bring out creativity in students by imparting engineering knowledge imbining interpersonal skills to promote innovation, research and entrepreneurship.

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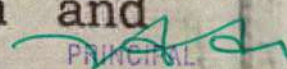
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VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN
Kondapur (V), Ghatkesar (M), Medchal (Dt) - 501301

Program Outcomes (POs)

Engineering Graduates will be able to:

- PO1 - Problem Solving:** Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- PO2 - Design and Development:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using logical reasoning and engineering calculations.
- PO3 - Design and Development of Solutions:** Design solutions for complex engineering problems and design systems or processes that meet the specified needs and appropriate considerations for the public health, safety, and the environment, cultural and societal considerations.
- PO4 - Conduct Investigations to Diagnose Problems:** Use research-based learning 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:** Apply and update appropriate techniques, skills, and modern tool usage including prediction and modeling for complex engineering systems 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 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.
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Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt) - 501301

Program Outcomes (POs)

Engineering Graduates will be able to:

- PO1 - Profoundizing Knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization in 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 to complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health, safety, and environmental, social and environmental considerations.
- PO4 - Conduct Investigations of Complex Problems:** Use research-based learning 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 for complex and ill-structured systems 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 and leader in diverse teams and in multidisciplinary settings.
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Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt) - 501301

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To empower female students with professional education using creative & innovative technical practices of global competence and research aptitude to become competitive engineers with ethical values and entrepreneurial skills.

MISSION OF THE INSTITUTION

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2. To inculcate research aptitude and to bring out creativity in students by imparting engineering knowledge imbining interpersonal skills to promote innovation, research and entrepreneurship.



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VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

Kondapur (V), Ghatkesar (M), Medchal Dist - 501 301

Department of Electronics and Communication Engineering

VISION OF THE DEPARTMENT

To transform the students into technologically competent professionals, with abilities to address the societal challenges of the time through innovative technical practices in electronics & communication engineering.

MISSION OF THE DEPARTMENT

- M1: To foster inquisitive-driven advanced knowledge building among students for reinforcing the domain knowledge, develop capabilities, skills and solve complex engineering problems.
- M2: To prepare industry-ready graduates for global Electronics as well as communication based engineering companies by conducting training programs, workshops and industry visits.
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VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

Kondapur (V), Ghatkesar (M), Medchal Dist - 501 301

Department of Electronics and Communication Engineering

Program Educational Objectives (PEOs)

- PEO1: To develop the student's ability on technical concepts to design, simulate, and synthesize various electronic and communication circuits & systems for their research advancements.
- PEO2: To impart analytical skills and to prepare the students excel in applying state of the art hardware and software tools to solve complex engineering problems for R&D, Industry and societal requirements.
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- PEO4: To promote entrepreneurship among the students to become successful entrepreneurs with professional ethics.

Program Specific Outcomes (PSOs)

- PSO1: **Professional Skills Ability:** Identify, design electronics & communication circuits and conduct experiments with electronics & communication systems, analyze and interpret data, formulate and solve electronics & communication engineering problems.
- PSO2: **Industrial Skills Ability:** Design digital and analog systems, algorithms, firm ware, modern engineering tools, software, etc. as per needs and specifications and work in laboratory and multidisciplinary tasks.
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2. To inculcate research aptitude and to bring out creativity in students by imparting engineering knowledge imbining interpersonal skills to promote innovation, research and entrepreneurship.

Program Outcomes (POs)

1. **Engineering Knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **Problem Analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural science, and engineering science.
3. **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.
4. **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.
5. **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.
6. **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.
7. **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.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **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.
11. **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.
12. **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.

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Padamatisaiguda, Telangana, India

FMGR+PW6 VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY

FOR WOMEN, Keesara - Bogaram - Ghatkesar Rd, Padamatisaiguda,

Telangana 501301, India

Lat 17.476935°

Long 78.691606°

03/06/23 05:28 PM GMT +05:30



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Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(Dt)-501301
Telangana State



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

Kondapur (V), Ghatkesar (M), Medchal Dist - 501 301

Program Outcomes (POs)

- 1. Engineering Knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- 2. Problem Analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural science, and engineering science.
- 3. 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.
- 4. 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.
- 5. 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.
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VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

Kondapur (V), Ghatkesar (M), Medchal Dist - 501 301

Department of Electronics and Communication Engineering

Program Educational Objectives (PEOs)

- PEO1:** To develop the student's ability on technical concepts to design, simulate, and synthesize various electronic and communication circuits & systems for their research advancements.
- PEO2:** To impart analytical skills and to prepare the students excel in applying state-of-the-art hardware and software tools to solve complex engineering problems for R&D, Industry and societal requirements.
- PEO3:** To prepare the students to work in teams, take independent decisions and integrate engineering inputs for successful career in multi-disciplinary environment.
- PEO4:** To promote entrepreneurship among the students to become successful entrepreneurs with professional ethics.

Program Specific Outcomes (PSOs)

- PSO1: Professional Skills Ability:** Identify, design electronics & communication circuits and conduct experiments with electronics & communication systems, analyze and interpret data, formulate and solve electronics & communication engineering problems.
- PSO2: Industrial Skills Ability:** Design digital and analog systems, algorithms, firm ware, modern engineering tools, software, etc. as per needs and specifications and work in laboratory and multidisciplinary tasks.
- PSO3: Ethical and Social Responsibility:** Communicate effectively in both verbal and written form, will have knowledge of professional and ethical responsibilities and will show the understanding of impact of engineering solutions on the society and also will be aware of contemporary issues.

GPS Map Camera

Padamatisaiguda, Telangana, India

FMGR+PW6 VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY

FOR WOMEN, Keesara - Bogaram - Ghatkesar Rd, Padamatisaiguda,

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Links to Vision Mission PEO's PO's PSO's

Sl.No.	Description/ Location	Links
01	Organisation Vision & Mission	http://www.vmtw.in/vision%20mission.php
02	CSE Department Vision & Mission	http://www.vmtw.in/csevm.php
03	CSE PEO's, PO's & PSO's	http://www.vmtw.in/csepeo.php
04	CSE (DS) Vision & Mission	http://www.vmtw.in/dsvm.php
05	CSE (DS) PEO's, PO's & PSO's	http://www.vmtw.in/dspeo.php
06	AI & DS Vision & Mission	http://www.vmtw.in/ai_dsvm.php
07	AI & DS PEO's, PO's & PSO's	http://www.vmtw.in/ai_dspeo.php
08	CSE (AI & ML) Vision & Mission	http://www.vmtw.in/aimlvm.php
09	CSE (AI & ML) PEO's, PO's & PSO's	http://www.vmtw.in/aimlpeo.php
10	IT Vision & Mission	http://www.vmtw.in/itvm.php
11	IT PEO's, PO's & PSO's	http://www.vmtw.in/itpeo.php
12	ECE Vision & Mission	http://www.vmtw.in/ecevm.php
13	ECE PEO's, PO's & PSO's	http://www.vmtw.in/ecepeo.php




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