



# Newton's Institute of Engineering

(Sponsored by Lincoln's educational society)

An ISO 9001:2008 Certified Institution

Affiliated to JNTUK, Kakinada & Approved by AICTE, New Delhi  
Aluguraja Pally, Koppunoor (Po), Macherla, Guntur (Dt) AP.522426

Email: [info@newton.edu.in](mailto:info@newton.edu.in)

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## COLLEGE VISION

To be amongst the finest institutions in education by providing quality culture system with conscious efforts, consistent improvements and catalytic actions aiming to attain best results for academic performance of the institution and set benchmarks for periodic evaluation, significant growth and achievements.

## COLLEGE MISSION:

- 1. To encourage the faculty and students to pursue academic excellence**
- 2. To impart education based on scientific ,moral and value-based foundation to meet the challenges of the technologically advancing global environment.**
- 3. To generate industry –Institute synergy for shaping technical education to meet the requirement of industry.**
- 4. To provide quality research and training experience to meet the innovative and trending technologies.**

## QUALITY POLICY

We at Newton's institute of Engineering endeavor to uphold excellence in all aspects by adopting Best practices in creating educationally empowered and culturally vibrant.

  
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## DEPARTMENTS VISION & MISSION

### ELECTRICAL AND ELECTRONICS ENGINEERING

#### VISION

To produce the professionally competent graduates in the field of Electrical and Electronics Engineering for addressing the challenges in industry and society.

#### MISSION

- To develop institute industry interaction for collaborative research and entrepreneurial Skills among the stakeholders
- To offer high quality graduate program in Electrical and Electronics domain and to prepare students for professional career and higher studies.
- To promote excellence in teaching, research and positive contributions to society.

#### PSO'S:

1. To apply science, engineering, mathematics through differential and integral calculus, Complex variables and to solve electrical engineering problems.
2. To demonstrate proficiency in the use of software and hardware which are required to practice electrical engineering problems.

  
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## ELECTRONICS AND COMMUNICATION ENGINEERING

### VISION

The vision of ECE department is to become pioneer in higher learning and research and to  
Produce creative solution to societal needs.

### MISSION

- To provide excellence in education, research and public service.
- To provide quality education and to make the students entrepreneur and employable.
- Continuous up gradation of techniques for reaching heights of excellence in a global.

### Pso's:

- Graduates will be able to understand and apply the concepts of Electronics and Communication engineering in the field of Microelectronics, Signal processing, Communication/Networking, Embedded and VLSI Systems.
- Graduates will be able to design and utilize advanced Hardware and Software Tools to analyze and implement subsystems/processes for real time applications.
- Graduates will be able to apply domain knowledge to enhance research in the Field of Embedded Systems, VLSI Systems, and Communication Engineering.

  
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## COMPUTER SCIENCE ENGINEERING

### VISION

The department of computer application strives to groom students with diverse backgrounds into competitive software professionals with moral values and committed to build a vibrant nation

To become a center of excellence the computer science and information technology discipline with a strong research and teaching environment

### MISSION

To provide qualitative education and generate new knowledge by engaging in cutting edge research and by offering state of the art undergraduate, post graduate, leading careers as computer professional in the widely diversified of industry, government and academia.

To promote a teaching and learning process that yields advancements in state of art in computer science and engineering in integration of research result and innovative into other scientific discipline leading to new products.

To harness human capital for sustainable competitive edge and social relevance by including the philosophy of continuous learning and innovation in computer science and engineering.

To provide inculcate team work, imbibe leadership qualities, professional ethics and social responsibilities.

#### PSO 1

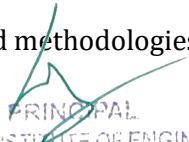
The graduates will be able to use programming methodologies to solve problems by suitable softwares.

#### PSO 2

The graduates will be able to interpret the fundamental concepts, functionality of hardware and software aspects of computer systems.

#### PSO 3

The graduates will be able to implement software engineering practices and methodologies for the analysis, design, development, operation & maintenance.

  
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## MASTER OF COMPUTER APPLICATION

### VISION

The department of computer application strives to groom students with diverse backgrounds into competitive software professionals with moral values and committed to build a vibrant nation

### MISSION

1. To impart high quality professional training at the postgraduate and graduate level inculcating a capacity for critical and lateral thinking.
2. To develop the youth into professionals who can work in team, possess high analytical abilities, and help in solving complex problems of various domains through principles of computer science and applications.
3. Empowering the youth in rural communities with computer Technology.
4. To encourage entrepreneurial environment and nurture innovative ideas

### PSO'S

- PSO1 To design and develop effective algorithms for computer applications.
- PSO2 To apply security mechanisms for computer applications.
- PSO3 To apply standard practices and techniques in software development.

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## MASTER OF BUSINESS ADMINISTRATION

### ➤ VISION

The Department of Business Administration at GNDEC shares a common vision statement that includes :

- To be a Valued and Preferred Choice for pursuing Business Management Studies and Generate Competent Management Professionals to become part of the Industry at National and International level.

### MISSION

- M1. Endeavour to attract bright and intellectually curious students.
- M2. Foster excellence by providing the Quality education in Business Management.
- M3. Cultivating the principles of Social Responsibility, Ethics and Spiritual Values among budding managers.
- M4. Developing capable Business and Community leaders.
- M5. To promote self employment through Entrepreneurship.

  
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