



## G H RAISONI COLLEGE OF ENGINEERING, NAGPUR

### DEPARTMENT OF ELECTRONICS ENGINEERING



#### **VISION**

To achieve excellent standards of quality education by keeping pace with rapidly changing technologies and to create technical manpower of global standards in Electronics Engineering with capabilities of accepting new challenges.



#### **EDITORIALBOARD**

Dr. S. S. Dorle  
Prof. M.M .Pathan

#### **STUDENTS COORDINATOR**

Miss Shrushti Badwaik

#### **MISSION**

To impart quality and value based education to create competent to raise satisfaction professionals of all stakeholder. To create competent professionals who are trained in the & design and implementation of engineering systems and to contribute towards advancement of Engineering, science and technology. Our endeavor is to provide all possible support to promote research and development activity in the field of Eletronics Engineering and allied areas.

### PROGRAMME EDUCATIONAL OBJECTIVES (PEOS)

#### **The graduates shall**

1. Apply ,Identify, technical skills to find solution complex problems encountered in Modern Electronics Engineering practice.
2. Function effectively in the world of rapidly changing technologies in the broad context of Electronics Engineering and develop products and technologies in service to mankind.
- 3 .Satisfy Stake holders, Quality Assurance & take up higher studies in Electronics and allied areas in engineering & management.
4. Use their skills in ethical and & professional manner to contribute to research & development& Innovative products.

## PROGRAMME OUTCOMES (POS)

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

PO2: **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3: **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4: **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5: **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6: **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7: **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

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

PO9: **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

P10: **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.

P11: **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.

P12: **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.

*Event Title: Industry Visit at Kinetic Gears, MIDC Hingna, Nagpur*

## DESCRIPTION ABOUT THE EVENT:

Industry visit of M Tech VLSI/Electronics student was carried out at Kinetic Gear, MIDC Hingna, Nagpur dated 5-2-2018. Around 20 students of M Tech VLSI/Electronics were present. Mr. Jangade, Manager of Kinetic Gear elaborated about industrial automation and gave information related to product manufacturing process and related technologies. Prof S Bhalerao coordinated the activity.

## PHOTOGRAPH OF THE EVENT:



## CAPTION:

Industry Visit at Kinetic Gears, MIDC

*Event Title: Industry Visit at Unique automation, Ravi Nagar Nagpur.*

## PHOTOGRAPH OF THE EVENT:

### Description about THE EVENT:

Industry visit of M Tech VLSI/Electronics student was carried out at Unique Automation, Ravi Nagar, Nagpur dated 20-1-2018. Around 20 students of M Tech VLSI/Electronics were present. Mr. Unmesh Oke, Manager of Unique automation elaborated about embedded systems and gave information related to product manufacturing and related technologies. Prof S Bhalerao coordinated the activity.

## PHOTOGRAPH OF THE EVENT:



*Event Title: Technical Paper Presentation activity under SPANDAN 2K18 Photograph of the event:*

**PHOTOGRAPH OF THE EVENT:**



**CAPTION:**

**Technical Paper Presentation activity under SPANDAN 2K18 Photograph of the event:**

**DESCRIPTION ABOUT THE EVENT:**

Under SPANDAN 2K18 technical paper presentation was organized at G.H.Raisoni College of Engineering Nagpur for M Tech second/fourth sem students of VLSI/Electronics/CSE in F-07 on 19<sup>th</sup> February. The students presented their project related paper in front of expert. The expert was Prof A.Thomas. Students enthusiastically participated in the event. The main objective of this activity was to assess the project work of M Tech students and give them valuable suggestion related to their work.