

Vision of the Institute

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

Mission of the Institute

Our efforts are be dedicated to impart quality and value based education to raise satisfaction level of all stakeholders. Our strength is directed to create competent prefessionals. Our endeavor is to provide all possible support to promote research and development activities.



G.H. RAISONI COLLEGE OF ENGINEERING

(An Autonomous Institute Under UGC Act 1956 & Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur)

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

CRPF Gate No.3, Hingna Road, Digdoh Hills, Nagpur - 440 016. India
Phone : +91-7104-235390 / 235220 / 325899/ 236383 / 9604787184, Extension No. : 366
Fax : +91-7104-232560, E-mail : hodetc@ghrce.edu.in, Web : www.ghrce.raisoni.net

Vision of the Department

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

Mission of the Department

- To create competent professionals who are trained in the design, implementation of Engineering & Telecommunication systems and contribute towards the advancement of engineering, science and technology
 - To impart quality and value based education to raise satisfaction of all stake holders
 - Our endeavor is to provide all possible support to promote research & development activities in the field of Electronics & Telecommunication engineering and allied areas.
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Program: UG in Electronics and Telecommunication Engineering

Program Educational Objectives (PEOS)

The educational objectives of UG program in Electronics & Telecommunication Engineering are designed to produce competent engineers who are ready to contribute effectively to the advancement of Electronics & Telecommunication Engineering causes and to accommodate the needs of the profession. The graduates shall:

1. Identify, define and solve problems in the fields of electronics & communication engineering.
 2. Employ necessary techniques and tools for advanced engineering applications, engage themselves in research and development and take up higher education.
 3. Use their skills in ethical & professional manner to raise the satisfaction level of the stakeholders.
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Program: UG in Electronics and Telecommunication Engineering

Program Outcomes (POs)

The program is targeted at developing the following competencies, skills and abilities amongst students.

At the end of the program students shall be able to:

1. Apply knowledge of mathematics, science & generic engineering skills and core knowledge of electronics and telecommunication to practical engineering systems
 2. Identify, formulate and solve electronics & communication engineering problems using appropriate tools and standards of electronics and telecommunication engineering.
 3. Design electronic systems, components or processes to meet desired needs within realistic constraints considering social, cultural and public health issues.
 4. Investigate complex problems and use appropriate research methodologies, including design and conduct of experiments, and to analyze and interpret data to provide conclusions.
 5. Use the techniques, skills, and modern engineering tools necessary for engineering practice.
 6. Understand the impact of engineering solutions in a global, economic, environmental, societal context and sustainability.
 7. Demonstrate professional and ethical behavior.
 8. Function as an individual or leader in multidisciplinary teams in projects implementation.
 9. Communicate effectively verbally and in writing and make presentations.
 10. Engage in life-long learning and adapt to rapidly changing technologies.
 11. Demonstrate knowledge & understanding of project management and finance and apply these to projects as individual, team member or leader.
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