



## **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

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## **VISION OF 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 INSTITUTE**

Our efforts will be dedicated to impart quality and value based education to raise satisfaction level of all stake-holders. Our strength will be directed to create competent professionals. Our Endeavour will be to provide all possible support to promote research and development activities.



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## **VISION OF 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 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 will be to provide all possible support to promote research & development activities in the field of electronics & telecommunication engineering and allied areas.



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## **Programme Educational Objectives**

### **Programme: Master of Technology in Communication Engineering**

The Programme Educational Objectives of the PG programme of Communication Engineering are designed to produce competent manpower ready to contribute effectively to the advancement of communication engineering and allied areas to accommodate the needs of the profession.

The programme shall:

1. Prepare students for academic excellence by quality education methods.
2. Inculcate the attitude of accepting technological advancements for contributions in the employed organization and Impart advanced knowledge to foster doctoral research.
3. Develop students to exhibit professional and ethical behavior in employed organization with understanding of the social and human context.



## **Programme Outcomes**

### **Programme: Master of Technology in Communication Engineering**

At the end of Programme Students shall be able to

1. Discriminate, evaluate, analyze and synthesize existing and new knowledge in communication Engineering and allied areas and integration of the same for enhancement of knowledge.
2. Analyze complex engineering problems and synthesize information individually/in group(s) through literature survey experiments, apply appropriate research methodologies, techniques and modern tools, design, conduct experiments, analyze and interpret data, for conducting research.
3. Think laterally and originally, conceptualize and solve engineering problems, evaluate a wide range of potential solutions and arrive at feasible, optimal solutions after considering public health and safety, sociocultural and environmental factors.
4. Understand group dynamics as a member and leader in a team and management principles to recognize opportunities and contribute positively to collaborative-multidisciplinary scientific research and rational analysis
5. Comprehend confidently and effectively, Write effective reports and design documentation, Make effective presentations and reciprocate clear instructions.
6. Engage in life-long learning and acquire professional and intellectual integrity and exhibit professional code of conduct and ethical behavior.
7. Observe and examine critically the outcomes of one's actions and make corrective measures subsequently, and learn from mistakes without depending on external factors.