



G.H. RAISONI COLLEGE OF ENGINEERING
(Autonomous institute under UGC Act 1956 &
Affiliated to Rashtarsant Tukdoji Maharaj Nagpur University)
CRPF Gate No. 3, Digdoh Hills, Hingna Road, Nagpur-16.

Department of Computer Science & Engineering

“PHOENIX August 2013”

Vision & Mission of Department of Computer Science & Engineering

Vision

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

Mission

- To develop competent professionals are proficient in the design, analysis and implementation of computational/computer systems.
- To impart quality and value based education and contribute towards the advancement of computing, science and technology to raise satisfaction level of all stakeholders.
- Our endeavor is to apply new developments in computational hardware and software and to provide all possible support to promote research & development activities.

Programme Educational Objectives (PEO)

The educational objectives of the computer science & engineering programme are designed to produce competent engineers who are ready to contribute effectively to the advancement of computer science & engineering causes and to accommodate the needs of the profession. The graduates shall:

1. Apply analysis, design, optimization and implementation skills in order to formulate and solve Computer Science and Engineering and multidisciplinary problems.
2. Take up higher studies, research & development and other creative efforts in science & technology.
3. Use their skills in ethical & professional manner to raise the satisfaction level of stake holders.

Program Outcomes (PO)

On successful completion of graduation studies, our students shall be able to:

1. Apply knowledge of mathematics, science, and computer science & engineering to defined and applied engineering procedures, processes, systems or methodologies.
2. Identify, formulate, and analyze engineering problems in reaching substantiated conclusions using analytical tools appropriate to computer science and engineering.
3. Design hardware / software systems, to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, verifiability, and sustainability.
4. Conduct investigations of broadly defined problems; locate, search and select relevant data from codes, databases and literature, design and conduct experiments to provide valid conclusions.
5. Use the techniques, skills, and modern engineering IT tools, including applications, simulation and modeling, to broadly defined engineering activities.
6. Understand societal, environmental, legal, safety, cultural professional and ethical issues and the consequent responsibilities relevant to engineering technology practice.
7. Function as a member of multidisciplinary teams and to understand engineering management principles & finance to manage projects in multidisciplinary environment.
8. Communicate effectively with engineering community and society at large by being able to comprehend and write effective reports, prepare documentation & make effective presentations.
9. Engage in lifelong learning and adapt to rapid changes in computer science & allied areas.

ACM Workshop at G.H. Raisoni College of Engineering

G.H. Raisoni College of Engineering, Department of Computer Science & Engineering in Association with Association for Computing Machinery Nagpur Chapter has organized workshop on “NoSQL and Big Data” from 23-25 August 2013 under TEQIP II. Key note speeches were delivered by top industry researchers Dr. Mukund Deshpande, Head of Enterprise Big Data, Persistent Systems, Dr. Sriram Raghwan, IBM India Research Lab, Bangalore and Deepak Godkhe ,Sr. Director, Tableau Software. Practical sessions were conducted by Prashant Tabme, Technical Specialist, Persistent Systems, Amit Modi, JP Morghan, Swapnil Deshmukh, Chief Solution Architect, Infocepts Nagpur. Dr. Preeti Bajaj delivered presidency speech and Dr. Mukund Deshpande was Chief Guest. Activity was coordinated by Dr. P.S. Deshpande, Chair Nagpur ACM Chapter, Shekhar Patanker, Secretary, Nagpur ACM Chapter. Dr. Latesh Malik , Ms. Nekita Chavhan along with organizing team successfully conducted the workshop. There were 42 participants from institute all over India were benefited by the same.



PG Synopsis Approval by Experts

M.Tech. (Computer Science & Engineering) project titles were approved by Dr. P.S. Deshpande , Dr. S.R. Sathe (VNIT) , M.E. (Wireless Communication & Computing) synopsis were approved by Dr. A.S. Gandhi (VNIT) and M.E. (Embedded System & Computing) were approved by Dr. D.V. Padole(GHRCE). The process was carried out between 23 August to 31 August 2013. They suggested changed and guidelines for future work to be carried out by students.

Six Faculties for CSE Department attended ACM Workshop

Dr. Latesh Malik, Prof. N.A. Chavhan, Prof. M.S. Madanker, Prof. D.P. Theng, Prof. Prashant Borkar, Prof. Manish Tembhurker attended ACM workshop on NoSQL and Big Data from 23-25 August 2013 at GHRCE campus. Data Stack 3.0 was delivered by Dr. Mukund Deshpande, Persistent Systems, Practical sessions on Hadoop and Hive is taken by Prashant Tambe on Day 1. Second day started with key note on Dr. Shriram Raghwan, IBM Research Lab, Bangalore on topic performance optimization for Big Data and practical sessions were conducted by Amit Modi on MongoDB. On day 3 key note speaker was Deepak Godkhe on Tableau Software and practical sessions on case studies were taken by swapnil deshमुख and team from infocepts, Nagpur. Faculties were highly benefitted by the same.