

UNDER CSI
DEPARTMENT OF INFORMATION TECHNOLOGY



"Individual science fiction stories may seem as trivial as ever to the blinder critics and philosophers of today - but the core of science fiction, its essence has become crucial to our salvation if we are to be saved at all. "

Isaac Asimov

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IT is the area of managing technology and spans a wide variety of areas that include computer software, information systems, computer hardware, programming languages but are not limited to things such as processes, and data constructs.

IT professionals perform a variety of functions (IT Disciplines/Competencies) that ranges from installing applications to designing complex computer networks and information databases. A few of the duties that IT professionals perform may include data management, networking, engineering computer hardware, database and software design, as well as management and administration of entire systems

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Department Vision and Mission

Vision

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

Mission

- To create competent and trained professionals in information technology who shall contribute towards the advancement of engineering, science and technology & useful for the nation.
- To impart quality and value based education to raise satisfaction level of all stakeholders.
- To apply new developments in Information Management and provide all possible support to promote research & development

Programme Educational Objectives

The educational objectives of the Information Technology programme are designed to produce competent engineers who are ready to contribute effectively to the advancement of information technology causes and to accommodate the needs of the profession. The graduates shall:

1. Practice Information Technology in the general disciplines of design, development & deployment of software and integration of existing technologies for e-governance nationwide.
2. Apply fundamental technical knowledge and skills to provide workable solutions to problems in various areas of IT.
3. Pursue higher education, research and development and deploy creative efforts in the area of Information Technology.
4. Use the acquired knowledge in societal and environmental sensitive manner with professional ethics in a team.

Programme Outcomes

1. **PO1: Apply the knowledge of mathematics, science, engineering skills and information technology deployment that will contribute towards the advancement of engineering, science and technology & useful for the nation.**
2. **PO2: Identify, formulate, investigate, analyze & conduct investigations of complex engineering problems using state of the art knowledge and research methods, analysis and interpretation of data, and synthesis of the information to provide valid conclusions & solutions.**
3. **PO3: Develop solutions for complex engineering problems and design system component or processes that meet the specified needs considerations for public health and safety, and the cultural, societal, and environmental considerations.**
4. **PO4: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling of complex engineering activities, with an understanding of their limitations.**
5. **PO5: Apply contextual knowledge to assess societal, environmental, legal, health, safety, cultural and ethical issues and the consequent responsibilities relevant to IT profession.**
6. **PO6: Function effectively as an individual and as a member or leader in diverse teams and in multi disciplinary environment.**
7. **PO7: Communicate effectively on complex engineering activities with the engineering community and with society at large, through reports, make effective presentations and give and receive clear instructions.**
8. **PO8: Demonstrate knowledge and understanding of project management, finance management principles and systems working and apply these to manage large IT projects in multidisciplinary environments.**
9. **PO9: Recognize the need for independent and lifelong learning to remain active in profession and for personal growth.**

GUEST LECTURE ON TCP/IP



Department of Information Technology, G.H. Raisoni College of Engineering, Nagpur had organized Expert Lecture on the topic “TCP/IP” on 28th January for VIII semester students. The resource person was **Mr. Saurabh Sadawarte, Software trainer and developer – IT NetworkZ, Nagpur.**

In this lecture, **Mr. Saurabh** explained the basic communication language or protocol of internet. This created awareness for the students towards their placement preparation. Students felt that this was useful for their exam point of view.

The students interacted lively with **Mr. Saurabh Sadawarte**. It was very interactive session which has cleared all the doubts in students mind.

INDUSTRIAL VISIT AT ADCC INFOCAD PVT. LTD.



Department of Information Technology, G. H. Raisoni College of Engineering had organized an Industrial Visit at **ADCC Infocad Pvt. Ltd., Nagpur** on 31st January 2015. It was organized by Prof. G. S. Khekare under the guidance of Prof. N. A. Chavhan, Head of department, Information Technology.

The purpose of the visit was to make the students aware of their services provided by continual advancement in the infrastructure, technology and resources to various engineering industry verticals. They explained that **ADCC Infocad** is a specialist in GIS & Engineering services solutions company servicing clients across a range of corporate and government segments helping improve their engineering efficiency, support global footprint and improve competitiveness.

ADCC Infocad Pvt. Ltd. has emerged as global Premier Software Solution provider through its Alliance with World Leaders like Autodesk Inc. USA world's biggest Design Content Company. In addition ADCC has been appointed as PAN INDIA distributor/Reseller for Trimble-Building Construction Division for Education business. Also they informed that their project teams seamlessly integrate into their client project development team & environment and act as a virtual extension of their GIS & Engineering enterprise solutions Later their strategic partners explained about various kinds of solutions or products they provide to their clients.

There were 72 students and 2 staff members present for visit of VII Semester. Faculty members, Prof. G. S. Khekare, Prof. P. R. Maidamwar along with student coordinators left no stone unturned to make this visit a grant success.

INDUSTRIAL VISIT AT IT-NETWORKZ



Department of Information Technology, G. H. Raisoni College of Engineering had organized an Industrial Visit at **IT-NetworkZ, Nagpur** on 31st January 2015 in the batch of 35 students. It was organized by Prof. G. S. Khekare under the guidance of Prof. N. A. Chavhan, Head of department, Information Technology.

Ms. Devinder kaur , Software trainer and developer – IT NetworkZ, gave the detail about the company, their software products, technologies on which they work criteria for placements in software companies. She made the students aware of various applications in .NET in today's environment. The session aimed at lending insight to students into the field of dot net application developer.

Mr. Prabuddha Sanyal, Software trainer and developer – IT NetworkZ, in his lecture explained about the core concepts of networking, its advantages and policies. The students found it very interesting and informative. They also enlightened students with the information related to the various opportunities in Software industries and future trend in IT field.

There were nearly 75 students and 2 staff members present for visit of IV Semester. Faculty members, Prof. A. S. Nagdive and Prof. C. A. Dhule along with student coordinators left no stone unturned to make this event a grant success.