

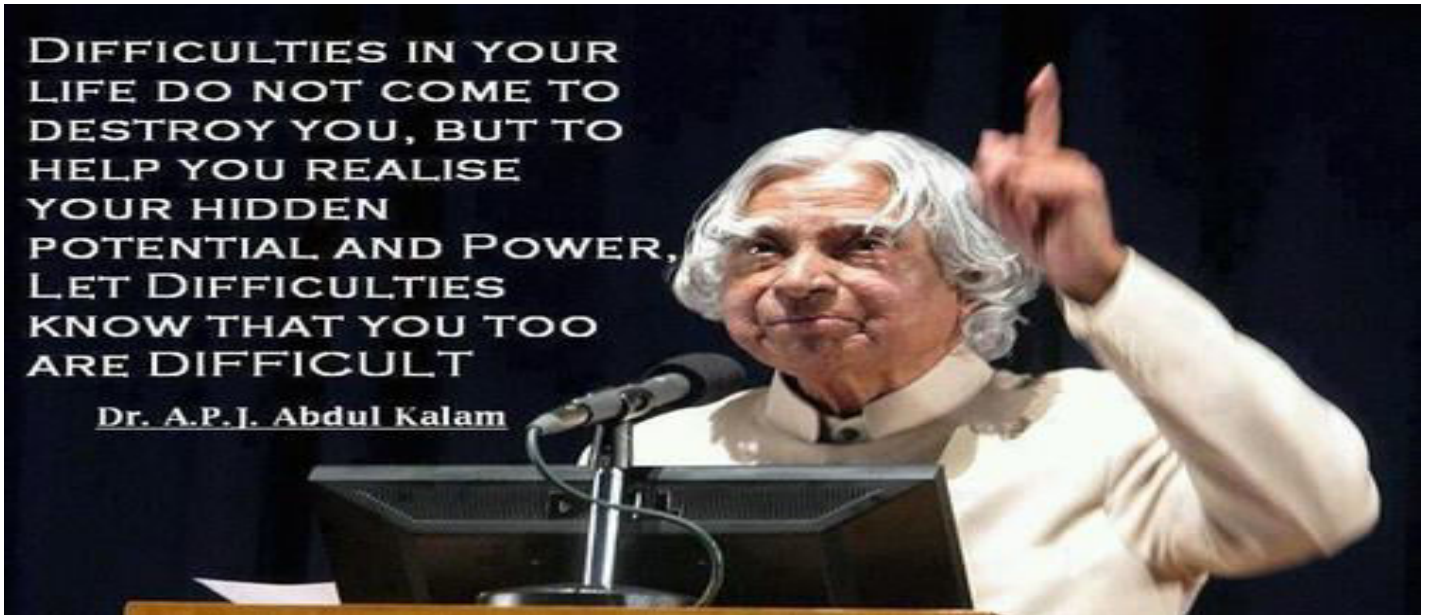


BITS NEWS E-BULLETIN



UNDER CSI

DEPARTMENT OF INFORMATION TECHNOLOGY



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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Engineering | Management | Law | Schools | Other Courses

• NAGPUR • AMRAYATI • AHMEDNAGAR • PUNE • JALGAON • RAIPUR •



Pandey

(VII Sem)

(V Sem)

(III Sem)

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

Engineering Graduates will be able to:

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **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.
3. **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.
4. **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.
5. **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.
6. **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.
7. **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.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **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.
11. **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.

12. 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.

INFORMATION TECHNOLOGY ORGANIZED FARWEL PARTY FOR THEIR FINAL YEAR STUDENTS ON 5th MAY 2017



Information Technology Department of **G. H. RAISONI COLLEGE OF ENGINEERING, NAGPUR** organized official **Farewell function** "NEVER SAY GOODBYE" for the Final year batch of 2017 on May, 5th, 2017 at the college. Function began with welcome of Guest Dr. P.B. Nagarnaik (Deputy Director and Dean Academics, GHRCE) by staff and students. Final year students shared their engineering and internship experiences with all. Head of IT Department Prof. N. A. Chavan and Dr. P.B. Nagarnaik wished good luck to the final year students for their future. Sir also expressed his hope that students will continue to hold best positions in upcoming opportunities.

Token of love and appreciation was given to the students in "**Memento distribution ceremony**".

SUCCESSFUL COMPLETION OF SIX MONTH INTERNSHIP OF INFORMATION TECHNOLOGY FINAL YEAR STUDENTS



SUCCESSFUL COMPLETION OF SIX MONTH INTERNSHIP PROJECT
EVALUATION OF INFORMATION TECHNOLOGY DEPARTMENT OF FINAL
YEAR STUDENTS



Industry Internship External project evaluation was conducted in between 13th May 2017 to 18th May 2017. For external project evaluation number of industry experts were called like Mr. Shakal Shukla from Persistent Nagpur, Mr. Animesh Jaipurkar, QICE, Nagpur, Ms. Medha Sutaria, White Cube solutions, Nagpur, Mr. Shapiq Shah, Airport Authority of India, Nagpur, Mr. Pradip Bhonde, Infosys, Pune, Mr. Prasanna Deshpande, TCS, Nagpur and many more. Experts have given good comments during project evaluation.