BITS NEWS E-Bulletin

"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

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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DEPARTMENTAL ORIENTATION PROGRAM FOR III SEM

G. H. Raisoni College Of Engineering, Department of Information Technology, Nagpur had organized an **Orientation Program** for III sem students on 23rd June 2014 in S-04.

Head Of Department, **Prof S.A. Chhabria** has introduced the students to IT Department and provided necessary guidance to them. Students were informed about number of subjects, teaching scheme, syllabus, marks distribution for CAE, TAE and End semester examination, about college library. Every subject teacher gave the brief introduction about their subjects. It was a great source for students to get idea about teaching scheme, syllabus of each subject, TAE parameters to be conducted.

ALUMNI LECTURE ON THERMAL CAMERA

Department of Informaton Technology ,G.H. Raisoni College of Engineering, Nagpur had organized Expert Lecture on the topic **"Thermal Camera"** on 9th July 2014 for III semester students. The speakers were **Sagar Shrivastava & Harnoor Sahni, student alumni**, G. H. Raisoni College of Engineering, Nagpur.

The objective of the lecture was to enlighten the students with the challenges in Thermal Camera. The speaker has started off the session by describing a fastest growing predictive maintenance technology on the market today. He further explained that a main advantage of thermal imaging is to locate mechanical and electrical problems very quickly and accurately. With thermal imaging one can immediately see which component is causing the problem.

The student's audiences were enlightened to be the part of the session as they got to know importance of Thermal Camera through an expert.

The speaker has concluded the session by conveying the importance of Thermal Camera in software process and advised the students to experience the pleasure of working with it as it plays important role in product development process and to take a decision to move ahead with new milestone.

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TOUCH - LESS CONTROL COMING TO CARS

International Consumer Electronics Show (CES) in Las Vegas, which featured demonstration displays of some of the ways gesture recognition, could bring big changes in

Cadillac's CUE touch-less control system uses infrared sensors to interpret hand gestures.

how drivers interact with their cars.

For one, such technology might help stem the proliferation or even reduce the number of knobs & controls on automotive instrument panels and centre consoles. And it could help avoid fumbling around to change a setting of a dashboard device and thus keep drivers' attention on the traffic outside. The biggest challenge for gesture recognition is false positives, said Mark Boyadjis, Senior Analyst and Manager for Infotainment & HMI at IHS. If the gesture command involves swiping left and a user inadvertently changes the radio track while grabbing their coffee or monitoring while speaking, then the error is not only frustrating for the driver, but highly distractive as well.

Submitted by
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