



"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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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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UG PROJECT SEMINARS HELD IN PRESENCE OF COLLEGE EXPERT COMMITTEE

Department of Information Technology had conducted a “**Project Title Finalization Seminar**” seminar for UG Main projects on 22nd July 2014. Seminars were conducted and evaluated by a committee of Dr. P. R. Bajaj, Dr. D J. Tidke, Dr. U. S. Wankhede, Prof. K. D. Joshi, Prof. N. A. Chavhan and other staff members of IT department. Total 20 project titles were evaluated by the committee. They guided the students and gave suggestions for their title finalization of the project. The ideas were presented by students on different areas including Image Processing, Big Data & Cloud Computing, Embedded Systems, Android Applications, RFID, Data Mining & Warehousing, NLP etc.

CLASS REPRESENTATIVE MEETING

Departmental meeting of Class Representatives (III & V & VII Semester) was held in the H.O.D. cabin. The meeting was conducted by Prof. N. A. Chavhan, H.O.D I.T. on 30/07/2014 at 12:30 PM. Following Class Representative were present in the meeting.

1. Pooja Dhara (VII Semester)
2. Sagar Hedau (VII Semester)
3. Sanket Kakde (V Semester)
4. Pranoti Randive (V Semester)
5. Sharayu Sontakke (III Semester)
6. Nishkarsh Khandewal (III Semester)

They addressed their grievances and suggestions. Prof. N. A. Chavhan gave guidelines on various matters related to academics for smooth conduction of classes and assured them to look after their problems and solve them as soon as possible.

WIRELESS CHARGER



A wireless charger is a device that transmits electric energy through magnetic (radio) waves. The basic principle behind the function of the device is electrons traveling through electric wires or other conducting objects generate magnetic forces perpendicular to the flow of electric power and any magnetic field perpendicular to the wire generates electric energy in the wire. By twisting a wire into a coil, the magnetic field is then concentrated and focused, thus forming an inductive coil (a different name for electromagnet) by placing two of these coils next to each other, alternating current electric power is transferred from one coil to the other. Another place where this phenomenon is found is in the antennae when electric signal is transferred from one antenna to the other one (or more). The distance and efficiency of energy transfer depends on the shape of the antenna and wavelength (frequency) used. This technology is used in TV and radio broadcast, cell phones, Wi-Fi, power transformers (big ones supplying power to homes and small ones in power bricks), etc. The wireless chargers are usually flat pad-looking devices (the power transmitting antenna) and can be used to charge most common portable devices like cell phones and mp3 players. The wireless chargers usually operate in micro-wave frequency and therefore need to be in close proximity to the device being charged.

Submitted By
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