



Department of Information Technology
News Letter

Volume 14

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Education is a progressive discovery of our own ignorance

From the Desk of HOD

The Department of Information Technology was formed with the primary objective of providing world class education in the field of IT, while addressing the problems of today and tomorrow. Right from its inception, the department has been offering excellent infrastructural facilities with a variety of computing platforms to aspiring professional students to meet the burgeoning demands of the IT industry. The department endeavors to produce confident professionals tuned to real time working environment. The department offers excellent academic environment with a team of highly qualified faculty members to inspire the students to develop their technical skills and inculcate the spirit of team work in them. The IT department in this institution has grown into gigantic stature and eminence by way of producing IT professionals of efficiency and excellence who fit into the existing global market as balls in holes. Molding these rough stones into ornamental diamonds is the primary motive of the excellent and meritorious IT faculty with its sound and strong infrastructure such as its laboratories and advanced systems. The unique lab in this institution is a rare phenomenon in the realm of education. The secrets behind the academic excellence of this faculty correspond to their programmes and schedules. Each student is motivated to focus on a novel area to bring out his/her potential under the supervision of teachers. The interest and involvement in their

specialized areas find expression through seminars, symposium and the papers read and presented. Their interaction with eminent Scholars on these occasions furthers their members of excellence and their thirst for knowledge does the commendable job.

Mission

1. To impart Quality education
2. To develop Technical and managerial skills through training and modern Teaching-learning process

Vision

"To create technically qualified talent through research to take up challenges in industries"

Programme Educational Objectives (PEO):

1. To prepare the candidate for a successful career in the IT industry and make him acquainted with the latest software and hardware related to Information Management.
2. To make candidate to develop software development ability to take up challenges in the industry by making Business oriented software dealing with mass amount of data (information) intelligently and new research oriented projects.
3. To provide the candidate with a sound foundation in mathematics, software technologies, database technology, networking, hardware

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- and to prepare them for graduate studies.
4. To promote student awareness of lifelong learning and to introduce them to professional ethics and codes of professional practice.
 5. To make the candidate a complete computer literate, who can work on various platforms
 6. To enable the student's implementation of security ethics regarding reading the Hackers mind and understand the hacking technology and methodology.
 7. To enable student to work productively as IT Engineers, including supportive and leadership roles on multidisciplinary teams.
 8. To guide and motivate students to engage in continuous learning through higher studies.
 7. Communicate effectively.
 8. Recognize need and an ability to engage in life-long learning
 9. Identify contemporary issues, and an ability to use the techniques, skills, and modern engineering tools necessary for engineering practices.
 - 10 Build career as administrator or an entrepreneur.

Programme

Outcome:-:

At the end of the program, a student will be able to:

1. Apply knowledge of mathematics, science, and engineering,
2. Design and conduct experiments, as well as to analyze and interpret data.
3. Design a system, component or process to meet the desired needs within realistic constraints such as, economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
4. Function in multidisciplinary teams.
5. Identify, formulate, and solve engineering problems.
6. Understand professional and ethical responsibilities.

Induction day (15-07-16)

Induction Program IT Dept organized an Induction program for Second Year students to aware them about department of IT and familiarize them with all the laboratories and overall culture

Seminar on Opportunities on Testing (15-7-16)

The objective of this seminar is to learn how to plan a test project, design test cases and data. And also to expose the advanced software testing. Total 62 BE students participated in this seminar. The Speaker Mr.Rohit Shah ,Squad Pvt Ltd makes students to gain software testing experience by applying software testing knowledge and methods to practice oriented software testing project.

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Seminar on Aptitude and communication skill

(27-7-16 to 01-08-16)

This seminar is held for BE students. 34 students participated in this seminar. The objective of this seminar is to make student to know different technique and tricks of solving aptitude and how to communicate in professional way. Mr. Vinay Raiker delivered this seminar. The outcome of this seminar is students can have ability to apply knowledge of mathematics, science and engineering. Understanding of professional and ethical responsibility



Three days workshop on Hadoop

(08-08-2016 to 10-8-16)

The objective of this workshop is to give knowledge about big data and how to install Hadoop in ubuntu. Mr. Tushar Kute, Mitu skillogical Pune, delivered the workshop. At the end this workshop students learned big data concepts, how to install Hadoop in ubuntu, how to manage HDFS, execution of map reduce, Data streaming on Hadoop and project develop by using Hadoop. Total 23 students participated in this workshop.

Workshop on Python

(28-7-16 to 29-7-16)

Mr. Krishnakant Mane, Founder Digital Freedom is speaker of the workshop. He made students to write basic python program. Students gained knowledge to develop project by using python and version control by using GITLAB Total 29 students participated in seminar

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India. Motivated them to show their innovation and knowledge in these fields



Teacher's day celebration

(16-09-2016)

SAIT organized Teachers day celebration on 16th September. Event started at 2.00 pm with felicitation of teachers by students. Students performed singing and dance in front of teachers. And also students organized some funny games and events for teachers



Webinar on "understand what employers want"

(27-09-16)

It is a national level webinar in which approximately 180 engineering college across India participated. The webinar was conducted through on line video conference where Mr. Sanjay Jog, CHRO, Reliance Jio guided the students about what actually industries want from their employers



Engineer's day

(16-09-2016)

Department of IT engineering organized Engineers day on 16th September of 2016. Various competitions like Website lay out design Poster presentation and counter strike competition was arranged on technical topics of open source technology and digital



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Social activity

(01-10-2016)

The IT department under the guidance of Prof .Suman Sharma conducted a social activity at kharghar. The students of Third year took active participation in this activity .Prof Suman Sharma who teaches Business Correspondence and ethics took this as an opportunity to give the students a platform to explore their communication skills through a street play. The noble cause was initiated. The third year students actively became part of blood donation camp at O Navjeevan Hospital.

Seminar on Android Operating system

(1-10-16)

This expert seminar was conducted on 1.10.16 for Third year students.50 students participated in the seminar. The objective of this seminar is to give knowledge of android operating system to students Mr.Rudresha subendar, ATOS Orgin is speaker of this seminar. He delivered Android Architecture, overview of Deploying Android Apps, Career option in Android platform



Seminar on "How to become famous blogger"

(06-10-16)

On 6th November seminar on how to become famous blogger is organized **It is for the students and by the students.**40 students participated in this seminar. The objective of this seminar is student should learn how to use blog for publishing technical posts, how to make blog famous in internet, how to use GITHUB .The speakers Mr.Chetan Pujari and Mr.Kunal Mhatre guided the process of creation of blog students and how to find particular domain for blog

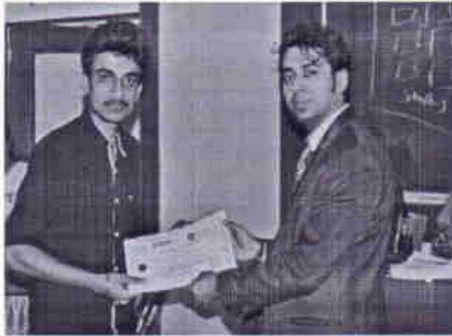
Workshop on Internet of Things (IoT)

(3-10-16 to 4-10-16)

The main objective of the workshop is to make the aspiring engineers acquainted with the conceptual as well as practical knowledge of IoT.86 people participated in this seminar. The Speakers Mr. Prateek Gupta and Mr.Shiva Reddy had delivered the seminar.

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InfoTech was the Speaker. He gave students detailed knowledge about classes and objects in JAVA. He concluded his expert Talk with use of classes, objects, final, abstract keywords in Programming.

Students Achievements

SE

S.No	Name	CGPA
1	AP.Akil	8.29
2	Nayak Apurva	8.25
3	Savani Pranav	8.07



TE

S.No	Name	CGPA
1	Panada Rabeena	8.81
2	Wagh Akash	8.65
3	Bane Malti	8.27

Expert Lecture on Intelligent system

(7-10-16)

The speaker of this lecture is Dr.Barati Joshi, HOD Computer science Department,SCOE.The objective of this of this lecture is to make students to understand the concept of IS and different fields where those concepts can be used in practical implementation.61 BE students participated in this seminar

Expert Lecture on JAVA

(24.10.16)

The objective of this expert Lecture is to enhance student Knowledge of Object Oriented Programming and Methodology.Mr.Chirag Panchal CMP

FE

S.No	Name	Cgpa
1	Rishikesh kandalkar	7.89
2	Mahadev Garje	7.90
3	Kajal Pachpande	7.7

Fact about Technology

In a world run by Internet connectivity for all aspects of life, from efficient work operations and management to social networking connections, it is no surprise that information is the foundation of our collective future. That being said, here are some quirky facts about technology that you may find surprising.

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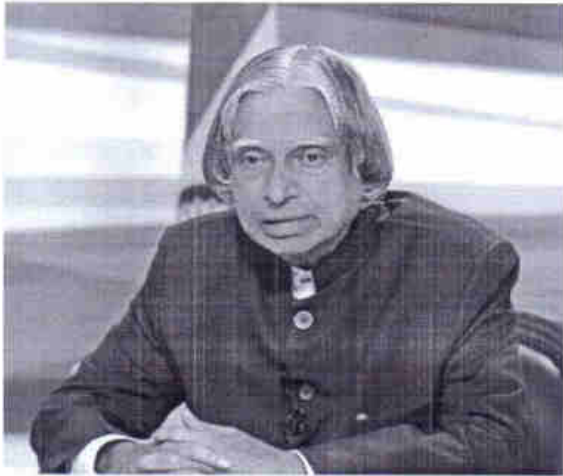


1. On eBay, there is an average of \$680 worth of transactions every second.
2. Ninety-one percent of all adults have their mobile phone within arm's reach every hour of every day.
3. There are 6.8 billion people on the planet and 4 billion of them use a mobile phone. Only 3.5 billion of them use a toothbrush.
4. Hewlett Packard, Microsoft, as well as Apple have one not so obvious thing in common – they were all started in a garage.
5. Twenty-five percent of Americans use only a mobile device to use the Internet.
6. Every minute, 100 hours of video are uploaded on YouTube by individual users.
7. There are 271 million mobile subscribers within the United States alone, and numbers are quickly growing.
8. Two hundred and twenty million tons of old computers and other technology devices are trashed in the United States each year.
9. Ninety percent of text messages are read within three minutes of being delivered.
10. Thirty million individuals watch television programming from their mobile phones.
11. The average 21 year old has spent 5,000 hours playing video games, sent 250,000 emails, instant messages, and text messages, and has spent 10,000 hours on a mobile phone alone.
12. The first personal computer was created by Berkeley Enterprises. Affectionately referred to as Simon, it sold for a pricey \$300 in 1950.
13. On average, technology users carry 2.9 devices on them at all times.
14. There are 350 million Snapchat messages sent every day.
15. Since the company's inception, there have been 144.7 million individual visitors to Facebook, making it the most visited social networking site as of June 2013.
16. RadioShack was one of the first companies to start the personal computer revolution, back in 1970, with its TRS-80.
17. The first mouse was invented by Douglas Engelbart in 1963; it consisted of a hard wooden shell and two clunky metal wheels.
18. Of the 60 billion emails that are sent on a daily basis, 97 percent are considered spam.
19. The first cell phone sold in the United States – the Motorola DynaTAC 8000X – was designed by Rudy Krolopp in April of 1984. It weighed two pounds.
20. Google handles an estimated 1 billion search queries each and every day, releasing almost 200 tons of CO2 per day.

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*Quotes By APJ Abdul
Kalam*



1. Man needs his difficulties because they are necessary to enjoy success.

2. Look at the sky. We are not alone. The whole universe is friendly to us and conspires only to give the best to those who dream and work.

3. You have to dream before your dreams can come true.

4. We should not give up and we should not allow the problem to defeat us.

5. climbing to the top demands strength, whether it is to the top of Mount Everest or to the top of your career.

6..Unless India stands up to the world, no one will respect us. In this world, fear has no place. Only strength respects strength.

7. Great dreams of great dreamers are always transcended.

8. Educationists should build the capacities of the spirit of inquiry, creativity, entrepreneurial and moral leadership among students and become their role model.

9. Those who cannot work with their hearts achieve but a hollow, half-hearted success that breeds bitterness all around.

10. Be more dedicated to making solid achievements than in running after swift but synthetic happiness.

Chief editors

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