PES MODERN COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER ENGINEERING

"The Computer Express " 2017-18 , Term-I

DEPARTMENT VISION

"To achieve excellence in the field of computing through quality education."

DEPARTMENT MISSION

- *To develop promising professionals in the field of computing.*

- *To provide exposure to emerging technologies and inculcate ethics.*

- *To strengthen association with alumni and industry.*

PROGRAM EDUCATIONAL OBJECTIVES

The graduates of Computer Engineering Department will be,

- *PEO1: Capable of solving real world problems.*
- *PEO2: Capable of working with multidisciplinary projects.*
- *PEO3: Capable to adapt to changing technologies and life management skills.*
- *PEO4: Able to exhibit professional and ethical responsibilities.*

PROGRAM SPECIFIC OUTCOMES

The graduates of the Computer Engineering Program will demonstrate,

- *The ability to understand, analyse, develop and evaluate system based on various algorithmic approaches.*

- *The ability to pursue career in IT industries, to become an entrepreneur and have zest for higher studies.*

- *The ability to solve problems using engineering principles, tools and techniques.*

HOD 's Message

Prof. Dr. Mrs S.A. Itkar

The Department is committed to nourish its students in to highly skilled and proficient engineers and it has produced hundreds of professionals and has established a name for itself in the country and abroad. "It gives me pride and pleasure to introduce "The Computer Express" the departmental News Letter for the year 2017-18 term-I and I hope you will enjoy exploring our contributions in technical, non technical activities and achievements in the field

The most technologically efficient machine that man has ever invented is the book.

– Northrop Frye

Just because something doesn't do what you planned it to do doesn't mean it's useless.

– Thomas Edison

It has become appallingly obvious that our technology has exceeded our humanity.

– Albert Einstein

One machine can do the work of fifty ordinary men. No machine can do the work of one extraordinary man.
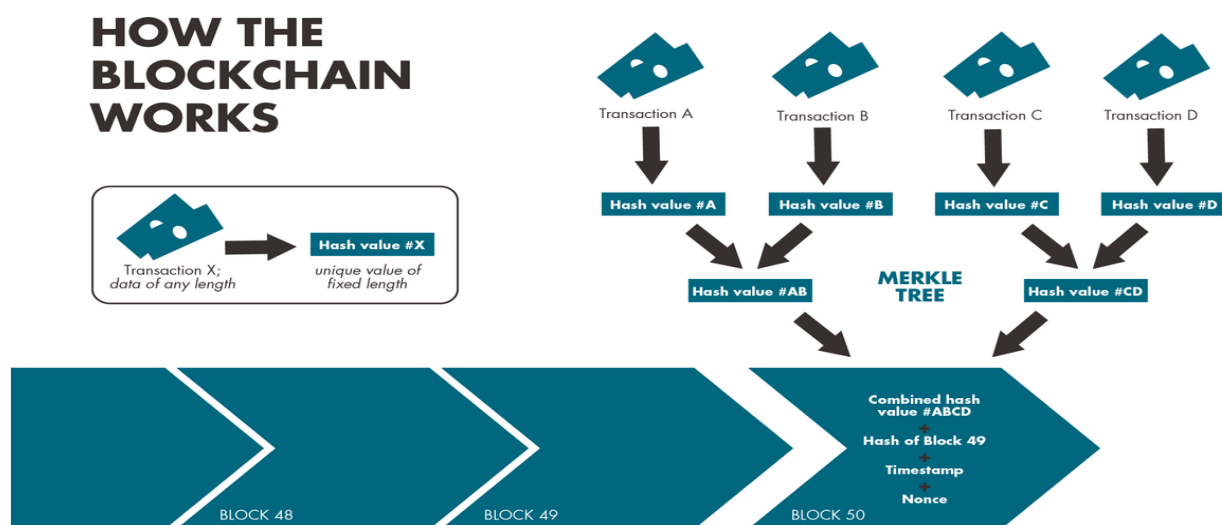
–Elbert Hubbard

Is blockchain technology the new internet?

The blockchain is an undeniably ingenious invention – the brainchild of a person or group of people known by the pseudonym, Satoshi Nakamoto. But since then, it has evolved into something greater, and the main question every single person is asking is: What is Blockchain?

"The traditional way of sharing documents with collaboration is to send a Microsoft Word document to another recipient, and ask them to make revisions to it. The problem with that scenario is that you need to wait until receiving a return copy before you can see or make other changes **because you are locked out of editing it until the other person is done with it. That's how databases work today. Two owners can't be messing with the same record at once.** That's how banks maintain money balances and transfers; they briefly lock access (or decrease the balance) while they make a transfer, then update the other side, then re-open access (or update again).With Google Docs (or Google Sheets), both parties have access to the same document at the same time, and the single version of that document is always visible to both of them. It is like a shared ledger, but it is a shared document. The distributed part comes into play when sharing involves a number of people.

Imagine the number of legal documents that should be used that way. Instead of passing them to each other, losing track of versions, and not being in sync with the other version, why can't *all* business documents become shared instead of transferred back and forth? So many types of legal contracts would be ideal for that kind of workflow.You don't need a blockchain to share documents, but the shared documents analogy is a powerful one."

William Mougayar, Venture advisor, 4x entrepreneur, marketer, strategist and blockchain specialist

(Source:Wikimedia Commons)

Activities

International Yoga Day

21st June 2017, Wednesday.

Summary:

- As a part of International Yoga Day on 21/06/17, we at computer engineering department organized a yoga session.
- Students of S.E, T.E and B.E and including the staff participated in this session actively.
- Instructor invited for this event was Mrs. Shweta Bhavsar. She took different types of yoga's, pranayama's and sun salutation.
- 50 students from Computer department have been participated in programme.
- Prof. Dr. S. A. Itkar, HOD of Computer Department facilitated the guest and also participated in this event.
- The Yoga session made the students feel fresh and light.

1.Yoga Session 21-6-17(AY-2017-18)

Journal and Magazine Reading

28th July 2017, Friday.

Summary:

- At the education level students should get information around the world. For this, magazines and journals are great resources. They give information, education and also entertain us.

- Students of S.E (A) participated in this activity.

- Around 50 students from department have been participated in activity.

- Staff also gave useful instruction to students.

- Students also write small report on the topic they read.

Recent Trends in IT

14th September 2017, Thursday

Summary:

- The Session lasted for 2 hours.

- The Instructor explained all the prerequisites required to work in the IT Industry.
- He made students aware about importance of OOP concepts in the Industry.
- He discussed which types of questions are asked in the interview and accordingly what they should prepare.
- About 100 students from SE attended the session.

Recent Trends in IT Industry 14-09-2017(AY 2017-18)

Digital Library Access

14th September, 2017

Summary:

- At the education level students should learn how to search and read research paper.
- Students of S.E (A) participated in this activity.
- Staff gave useful instruction to students to access digital library.

Visit to "Anand-Dham" Old Age Home

28th September 2017, Thursday

Summary:
- Students of S.E , T.E and B.E participated in this Social activity and got the opportunity to serve and to interact with the people at "Ananddham Vrudhashram".
- Students acted, played Antakshari with all the Grandpa's and Grannies, sang songs andspent some quality time.
- Later, students along with the staff co-ordinator distributed fruits and some eatables required for them.

Student's Achievements

Name of the student	Class	Program	Level	Achievement
Soubhik Das	BE	Patents (4) and Intel AI Academy	National and International Level	Student ambassador and Patent Published -1
Yash Gugale	BE	NPTEL Online Course Certification	National Level	Topper (94%)
Omkar Phadtare	BE	NPTEL Online Course Certification	National Level	Topper (89%)
Utsavi Kulkarni	BE	NPTEL Online Course Certification	National Level	Topper (85%)
Pratik Kolte	SE	Cultural Purushottam Karandak (2017-18)	State Level	3rd Winner
Siddhant Patil		Cultural Purushottam Karandak (2017-18)	State Level	3rd Winner