

VOL 17



SARASWATI Education Society's
SARASWATI College of Engineering

Learn Live Achieve and Contribute

Kharghar, Navi Mumbai - 410 210.

**Department of Computer Engineering
NEWS LETTER (JUL-DEC 2016)**



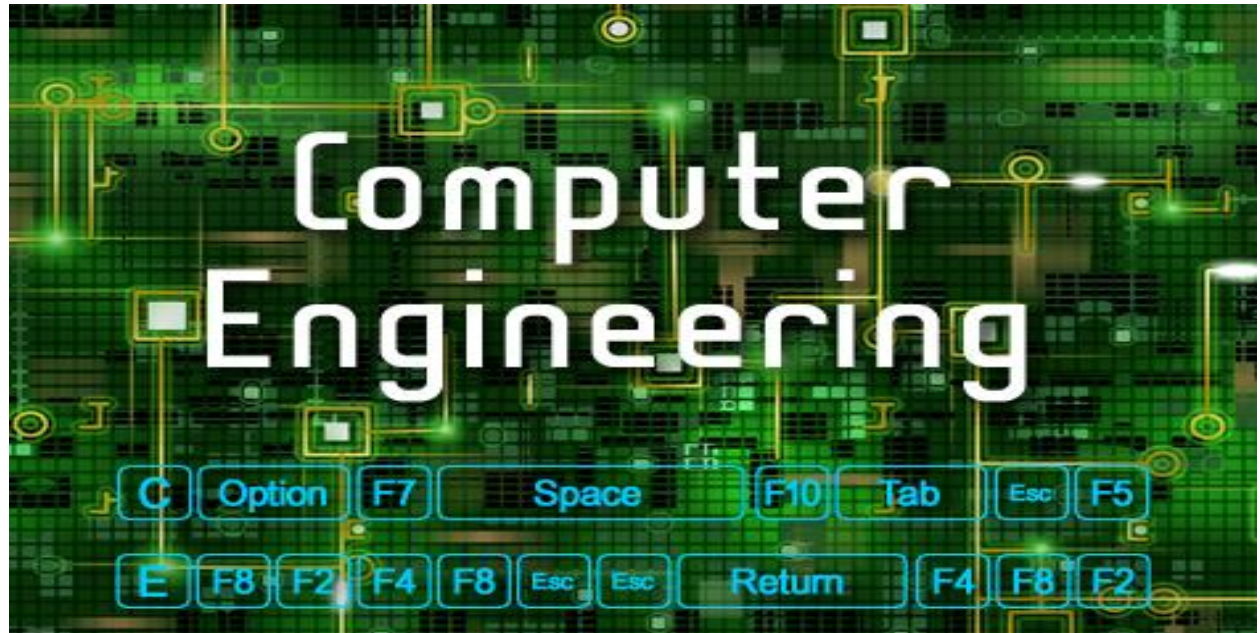
Editors

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Department of Computer Engineering



From the Desk of HOD

We are glad to announce launch of six-monthly departmental News Letter for academic year 2016-2017 aimed to closer interactions and enrich our student's talent and efforts. The objective of the newsletter is to mainly focus on the achievements of the students and faculty members of computer engineering department in Curricular, Co-curricular, Extra-curricular Activities and recent trends in the area of Computer Science & Engineering.

Mission

“To provide simulating learning environment with a technological orientation to maximize individual potential”

Vision

“To imprint knowledge to our students to excel engineering culture and research and nurture them to become ethically rich professional”

Program Educational Objectives

- To prepare the candidate for a successful career in the industry and make him acquainted with the latest software and hardware
- To enable student to work productively as computer engineers, including supportive teamwork and leadership roles on multidisciplinary teams.
- Graduates are prepared to be responsible computing professionals in their own area of interest.
- To provide the candidate with a sound foundation in mathematics, software technologies, database technologies, networking, hardware and to prepare them for post graduate studies and research programs.

- To promote the awareness of lifelong learning among students and to introduce them to professional ethics and codes of professional practice.
- To demonstrate effective communication skills in oral, written and electronic media.

Program Outcomes

- An ability to apply knowledge of mathematics, science, & engineering.
- An ability to design and conduct experiments, as well as to analyse & interpret data.
- An ability to design a system, component or process to meet the desired needs within realistic constraints such as economic, environmental, social, political, ethical, manufacturability.
- An ability to function in multidisciplinary teams.
- An ability to identify, formulate, and solve engineering problem.
- An understanding of professional and ethical responsibility.
- An ability to communicate effectively.
- The broad education necessary to understand the impact of engineering solutions in global, economic, social context and environmental. Ability to apply the engineering knowledge in all domains, viz., health care, banking & Finance, medical, laws, etc.

Department Events

1. Seminar on Carrier Guidance (12th July 16)

The seminar on “Carrier Guidance” was organized on 12th July 2016 an interesting session delivered by Mr. Jaydeep. He motivated the students for their successful carrier. The most important thing to bridge the gap of learning and actual application is clarified in the seminar



2. Training on JAVA Technology (2nd Aug 16)

Students learned about Java is object-oriented, allows you to create modular programs and reusable code which is used for developing smart card, mobile applications, or server-side applications enterprise applications.



3. Seminar on Cloud Computing (24th Aug 16)

The seminar on Cloud Computing was organized on 24th August 16. From these

seminar students get to the bottom of cloud computing which is the delivery of computing services—servers, storage, databases, networking, software, analytics and more—over the Internet (“the cloud”).



4. Seminar on Red Hat (1st Sept 16)

Objective of this seminar was to provide realistic, hands-on, in depth knowledge about the power of Linux OS, benefits also learnt how to install Red Hat. and Students had learnt new techniques and skills for career & how to apply concepts from courses to “real life” situations.



5. Workshop on Cloud Computing (27th Sept16)

The workshop on Cloud Computing was organized on 27th September 16. The objective of this seminar is to provide in-depth knowledge about cloud computing, Cloud services, deployment models.



6. Seminar on Aptitude Training (29th Sept'16)

In the seminar, an interesting session carried by Mr. Vinay to tell the students about the seriousness of placements and academics. Helps them to understand the process and self-development.



7. Webinar on Reliance Jio (27th Sept 16)



8. Seminar on Higher Studies (Foreign Exchange Program (3rd Oct 16)

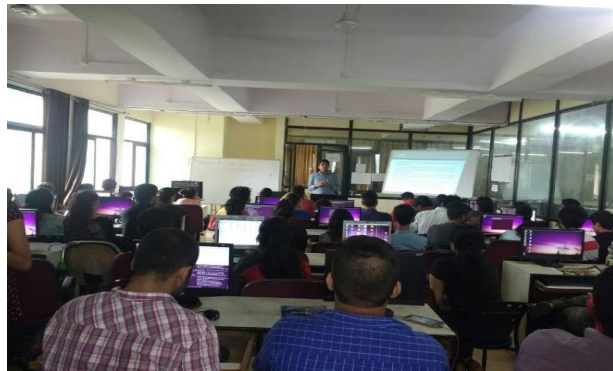
Objective of this seminar to aware students about significance of higher studies to build

their professional carrier. Also, discussed about role of higher studies for different carrier opportunities.



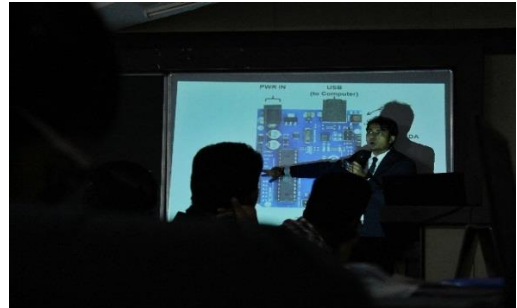
9. Workshop on Big Data (4th Oct 16)

The workshop on Big Data gives knowledge about how to store, process & access large volume of both structured and unstructured data. To enable students to have skills that will help them to solve complex real-world problems in for decision support. Also, provided knowledge about Hadoop Big Data technology.



10. Workshop on IoT (3rd Oct 16)

The workshop on IOT (Internet of Things) gives students the in-depth and practical knowledge about a network of internet-connected objects able to collect and exchange data using embedded sensors.



11. Seminar on Positive Thinking (8th Oct 16)



12. Tree Plantation(12th Oct 16)



Student Achievements

Toppers for Academic year 2015-16:

M.E (II):

1. Neha Malik-8.36
2. Ashwini Subhedar- 8.00
3. Rupali Galande-7.36

BE (VIII): (CGPA)

1. Rai Bhagyashree-8.96
2. Dudhate Ganesh-8.48
3. Nadgaud Tejas-8.37

TE (VI): (CGPA)

1. Kamble Harshada-8.04
2. Khamkar Vanita-8.0
3. Satam Sayali-7.75

SE (IV): (CGPA)

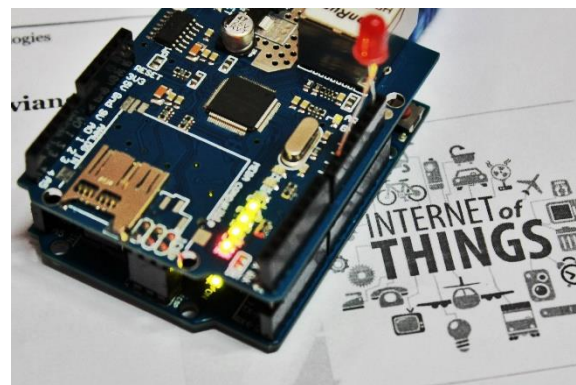
1. Ankur Yadav- 9.86
2. Aniket Khetale- 9.07
3. Shirke Vishal-8.18

Sports Achievements

Saurabh Patil from second year computer ranked 3rd in Inter-Collegiate Aquatic Meet (M & W) 2016, 200-meter back stroke at University Level Swimming Competition.



Students Corner



Ankur Yadav and group from third year computer won championship in workshop of Internet of Thing held at this college and shortlisted for Final Round Competition at IIT Varanasi.



Research Publication – Faculty

- Dr. Bharti Joshi published paper on “H-IBE Hybrid-Identity based Encryption Approach for Cloud Security with Outsourced Revocation”, International Conference SCOPES, October 2016
- Prof. Deepa Parasara published paper on “Feature Extraction and Classification of Ultra Sound Image”, International Conference on Current Research Topics in Power, Nuclear, Fuel and Energy, October 2016

- Prof. Madhuri Dalal published paper on “Protection of Android Application against Malware Attack”, International Journal of Advanced Research in Computer and Communication Engineering, Volume 5, Issue 10, October 2016

Research Grants (Completed/In progress)

- Principle Investigator - Dr. Bharti Joshi
Co- Investigator - Suhasini Parvatikar
Online book recommendation system using collaborative filtering and association mining. Funded by Institute of Engineers, Kolkata, Rs. 50,000/-
- Principle Investigator - Dr. Bharti Joshi
Conquer Hepatitis. Funded by, Indian Institute of Public Health, Gandhinagar, Rs. 2,00,000/-

Faculty Corner

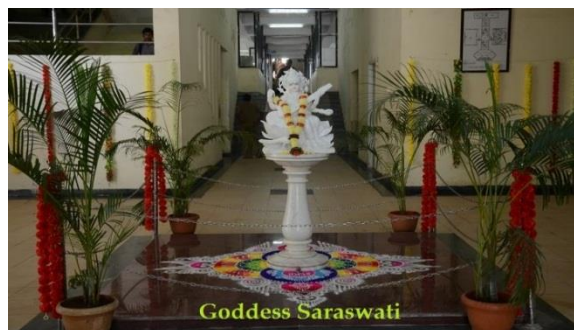
- Dr. Bharti Joshi and Prof. Deepa Parasar attended Revised Syllabus Choice Based Credit Grading System (CBCGS) setting meeting on 8th November 2016 held at Terna College of Engineering, Navi Mumbai.
- Prof. Amit Gawade attended international Symposium on Internet of Things organized by Lab-X Foundation in collaboration with SPIT and IEEE Consumer Electronics Society held in Mumbai on 3rd and 4th August 2016.

- Prof. Amit Gawade attended Faculty Development Program and Skill Knowledge Enhancement Program held at Sahyadri Valley College of Engineering and Technology at Junnar, Pune on 31st Sept to 3rd Oct 2016.

News and Updates

- Foundation Day

The foundation of Saraswati College of Engineering was laid on 17th September 2004. 17th September is celebrated at SCOE as its Foundation Day to commemorate the origin of the institute in 2004. In the string, the 12th Foundation Day of the group was also celebrated with great zeal and enthusiasm on 17th September 2016.



The celebration began with Goddess Saraswati Vandana followed by motivational lectures by Hon'ble Secretary, Our Chief Guest & Principal. The secretary in his inaugural speech expressed his strong belief in the immense potential of the students of the group and appreciated the innovative direction of the faculty members.

Followed by felicitation of Dr. Bharti Joshi, HOD of Computer Department for her exemplary contribution to the field of Technical and Higher Education in this Institute. She is a simple, honest and a dedicated professor with adept administrative abilities. She richly deserves to be felicitated for her successful 10 years in this institute.



On this special day Institute also felicitated our non-teaching staff for their endless hard work since last 10 years.

All the university toppers of every department of this institute also felicitated in this ceremony.



- Teachers Day and Engineers Day Celebration 2016-17

The Student Association (ACE) of Computer Engineering Department, of SCOE celebrated Teachers Day & Engineers day.

Glimpses of Teacher Day & Engineers day Celebration. Students had organized games, speeches and various activities for faculties



Inspirational Quotes

“Live your life each day as you would climb a mountain. An occasional glance towards the summit keeps the goal in mind, but many beautiful scenes are to be observed from each new vintage point.”

– **Harold B Melchart**

“Man, often becomes what he believes himself to be. If I keep on saying to myself that I cannot do a certain thing, it is possible that I may end by really becoming incapable of doing it. On the contrary, if I have the belief that I can do it, I shall surely acquire the capacity to do it even if I may not have it at the beginning.”

– **Mahatma Gandhi**

“Anyone who has never made a mistake has never tried anything new.”-**Albert Einstein**