Department of Computer Engineering

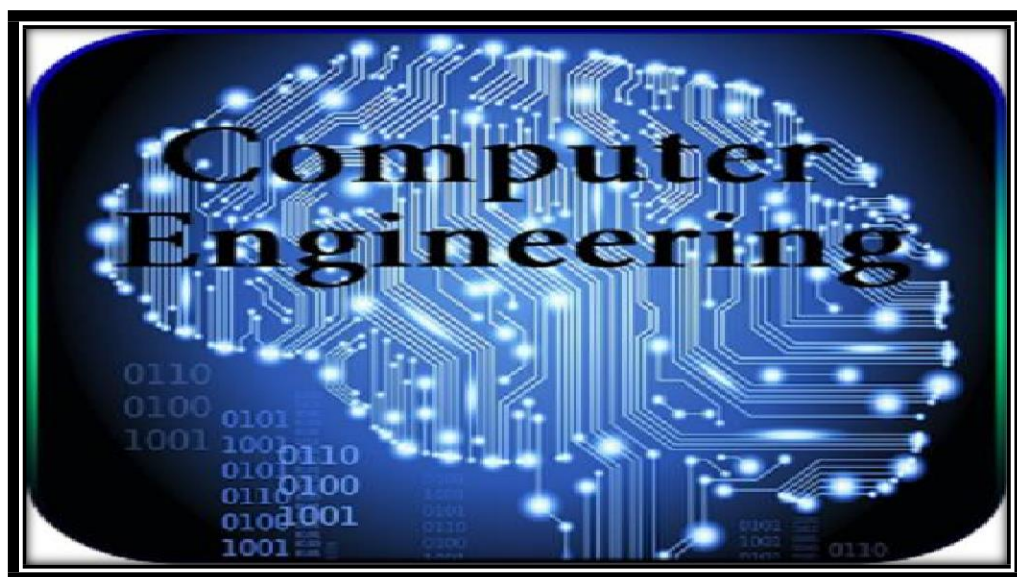*Newsletter July 18- Jan 19*   *Vol. 21*

VISION: "To become center of excellence in Engineering education and research"

MISSION: "To educate students to become quality technocrats for taking up challenges in all facets of life."

About Department

VISION: "To imprint knowledge to our students to excel engineering culture and research and nurture them to become ethical rich professional"

MISSION: "To provide simulating learning environment with a technological orientation to maximize individual potential"

DEPARTMENT OF COMPUTER ENGINEERING

From the HOD's Desk:

We are glad to announce eighteenth issue of   our newsletter 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 and extra-curricular activities.

Program Educational Objectives(PEO)-

- 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, and 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(PO)-

- An ability to apply knowledge of mathematics, science, & engineering.

- An ability to design and conduct experiments, as well as to analyses & interpret data.

- An ability to design a system, component or process to meet the desired needs within realistic constraints such an economic, environmental, social, political, ethical, manufacturability.

- An ability to function in multidisciplinary teams.

- An ability to identify, formulates, and solves 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.

Departmental Events

Seminar on Project
(13th July 2018)

The idea behind the seminar is to familiarize student more extensively with the real-time project scenarios. Speaker **Mr. Rajesh Jain** had shared lot of his own industrial projects. Students were made aware of recent research areas. Project seminar covered project management training areas like project scope and gathering requirements; creating a project plan. Project methodology was introduced. Students had cleared their doubts regarding BE project.

Seminar on Web Design Lab
(16th August 2018)

The Motive behind this seminar is have knowledge about Dot Net technology as .NET has a huge collection of predefined class libraries (pre-written code) that has support for simple and complex data structures. Essentially, that means you can rely on the work of hundreds of other developers and pull in already-written code into your own programs. .NET even has specific libraries for security, encryption, and database access. The speaker was **Mr. Vipul Singh & Mr. Kishor Naik** and around 60 students attended this seminar .

Training on Business Communication and Ethics

(20th Aug 2018 to 25th Aug 2018)

The training inspired the students a lot about the way of smart learning. Helped them to understand the process and self-development. Motivated the students for their successful career. The most important thing to bridge the gap of learning and actual application is clarified in the seminar.

Seminar on Internet of Things Waste Management

(23-08-2018)

The speaker **Mr. Kiran Marekar** conducted a session on IOT. In this Seminar, students learned about the overall goal of the BIG IoT project is to remove technological market entry barriers of service and application providers of the Internet of Things by exploiting the capabilities of smart object platforms through establishing syntactic and **semantic** interoperability.

Seminar on Artificial Intelligence & Machine Learning

(08-10-2018)

This Seminar was conducted by Mr. Ankur Yadav. In this Seminar, students learned about: Basic machine learning concepts and examples, Basic probability notions, Bayesian inference, Nearest-neighbor algorithms, Decision trees.

Seminar on Machine Learning

(11-10-2018)

This Seminar was conducted by **Mr. Pankaj Pawar.** This Seminar emphasized more Machine Learning basics, Data Preprocessing and Classification which will help students to understand and implement practically in their projects.

Aptitude Training

(9th October 2018)

Prof. Vinay Raikar conducted a session for the final year students to solve the quantitative aptitude and logical reasoning questions. Students can understand the simple tricks and formulae to solve aptitude questions

Students Achievements

❖ **Result**

List of Toppers for Academic Year- (April-May 2018)

S.E. SEM-IV

Name of Student	SGPI	Rank
Waghmare Rahul	10	I
Parmar Pritesh	9.7	II
Manjrekar Sayali	9.56	III

T.E. SEM-VI

Name of Student	SGPI	Rank
Bhoir Pranit/Akshay Sawant	8.33	I
Sahoo Seema/Mane Sanket	8.17	II
Patil Sanket	8	III

B.E. SEM VIII

Name of Student	SGPI	Rank
Yadav Ankur	9.21	I
Khetle Aniket	8.53	II
Gaikwad Atul	7.93	III

Congratulations to the toppers of the department.

Placement Details

SCOE's training and placement cell organized placement drive by various companies the following students of computer department selected through this Campus Placement Drive

Sr. No	Name of Students	Company Name
1	Sandeep Devadiga	TCS
2	Ankit Rana	TCS
3	Vipul Patil	Nucsoft
4	Namrata Diwate	Nucsoft
5	Dhanraj Katkar	Neosoft
6	Simantini Pawar	LTI
7	Hrishikesh Dixit	LTI
8	Shreya Gaonkar	LTI
9	Ankit Rana	LTI
10	Ankit Rana	Zeus
11	Pranit Bhoir	Wipro

Heartiest Congratulations for the students who placed in different companies. We hope you all will make us proud in the future as well.

Faculty Achievements

Publications in International Journals and Conferences

Name of the Publisher	Publications
Dr. Deepa Parasar	Published a paper "Efficient Online Summarization of Large scale Dynamic Network in Social Network", IRJET, July-2018
	Published a paper "Derivative-Based Peak Detection Algorithm For PPA Waveforms", **IEEE ICCIC 2018.**
	Published a paper "Detection and Rectification of Distorted Fingerprints using Geometric Features and FFNN", ICCCNT July-2018.
	Published a paper "Classification of Kidney Medical Ultrasound Images by DMKL and LDA Using Weiner Filter", ICSTM-2018
	Published a paper "Survey on Detection and Segmentation of Rocks on Mars", JASC, VOL V, ISSUE XI
Prof. Rina Bora	Published a paper "Survey on Action recognition for controlling electronic appliances in homes" in ICRTESM-18
	Published a paper "Survey paper on real time health monitoring system using wearable devices" in ICRTESM-2018
Prof. Suhasini Parvatikar	Published a paper "Study of Data Mining Concepts" in IJNIET-18