COMP@CT

Zeal Education Society's
Zeal College of engineering & Research

DEPARTMENT OF COMPUTER ENGINEERING

Vision & Mission of the Department

Vision of department

To emerge as a department of repute in Computer Engineering which produces competent professionals and entrepreneurs to lead technical and betterment of mankind.

Mission of department

M1: To strengthen the theoretical and practical aspects of the learning process using modern tools and FOSS technologies.

M2: To endeavor innovative interdisciplinary research and entrepreneurship skills to serve the needs of Industry and Society.

M3: To enhance industry academia dialog enabling students to inculcate professional skills within them.

M4: To incorporate social and ethical awareness among the students to make them conscientious professionals.

In this Issue

Objectives & Goals

Creating the base for research and development for staff and students.

Improving the links between educational world and that of industry through continuous interaction at various levels.

Going beyond the curriculum in developing aptitudes for employability and life long learning skills.

Developing sportsmen spirit and a high degree of morale among the students and encouraging healthy team spirit.

"Failure is central to engineering. Every single calculation that an engineer makes is a failure calculation. Successful engineering is all about understanding how things break or fail"
– Henry Petroski

Program EducationObjectives

▸ PEO1: Learners will be able to analyze problems from a computational viewpoint, propose algorithmic solutions, and implement them correctly and efficiently

▸ PEO2: Learners will provide solutions to challenging problems by applying Computer Engineering theory and principles, as well as fundamentals of computing science and mathematics with the consideration of cost, safety, environmental, social, and human factors.

▸ PEO3: Learners will be able to function as a responsible member of society with the willingness to mentor fellow employees and an understanding of the ethical and economic impact of their work in a global context.

▸ PEO4: To improve their knowledge and skills through lifelong learning and graduate studies for adapting to rapidly changing work environment and succeed in their careers and/or obtain advanced degrees

▸ PEO5: Learners will be able to imply principles and practices of computer engineering to successfully complete hardware and/or software-related engineering projects to meet customer business objectives and/or productively engage in research

Publication and Editors

Volume No. III Issue I,Nov 2018
Editors:
- Mital Himansshu
- Kodag Avadhoot

Faculty Members:
- Prof. Kolekar S.M.
- Prof. More R.P.

International Conference on Information, Communication, Engineering and Technology (ICICET-2018)

"International Conference on Information, Communication, Engineering and deliberating with renowned experts in this field.ICICET-2018 provided a platform to discuss the strengths, weakness and opportunities involved in sustainability of innovation in Computer Engineering, Information technology, Electronics & Telecommunication and Electrical Engineering with respect to current global industrial scenarios. For this International conference 100+ participants registered.

Guest Lecture on Computer Networks:

This lecture was organized by Department of Computer Engineering of Zeal College of Engineering and Research. Total 133 student of TE Computer Engineering attended this guest lecture. The speaker for this guest lecture was Prof. Santosh A. Darade Sir from SITS, Pune. The objective of this workshop is to expose new trends in Computer Networks, to build practical view among the students through expert sessions. The faculties of computer department coordinated this guest lecture. The topics were covered during these lectures such as Medium Access Control, Channel allocation: Static and Dynamic, Multiple Access Protocols, IEEE 802.3 Standards, Real

life examples and Implementation of Multiple Access Protocols, Wi-Fi Connectivity. The guest lecture provided a platform for students regarding handling difficult concepts in Computer Networks.

➢ **Zensar Technology Training:**

The course was conducted by Ms. Asmita Patwe, Zensar Technologies; Pune in the month on June. They discussed the importance of Employee Skill Development in today's field. Our HOD also addressed our students about various skills essential at employee end and if your basic knowledge concerning soft skill is not strong then you cannot be able to face the today's competitive world.

➢ **Training of Microsoft Certification course in Python:**

Training on Module of Python under Microsoft Imagine Academy was conducted by Ms. Kinshu Tripathi, Microsoft certified trainee, CoreCode InfoTech , New Delhi since from 25th September 2018 to 1st Oct 2018. The Trainee explained about curriculum designed for certification and practical sessions. The objective of the Training was to enlighten the students with the practical knowledge of Python and MySql also mini project. Overall the session was proven to be very inspiring and informative for students coordinated by Prof. Amruta V Patil. Practical session and project guidance was very informative so as to develop own projects.

Microsoft Certification Course in Python

Days Celebrated by department

➢ **International Yoga Day**

International Day of Yoga or usually and unofficially referred to as Yoga Day, is celebrated annually on 21 June since its inception in 2015. Yoga is a physical, mental and spiritual practice attributed mostly to India.

International Yoga Day Celebration

➤ **Parent Teachers Meet**

Parent Teacher's Meeting was organized and conducted by the Department of Computer Engineering of Zeal College of Engineering and Research on 21th July 2018.

The meeting started with the Sarswati Poojan and a welcome speech by Head of the Department Dr. Prasad S. Halgaonkar , briefed the gathering (of 50 parents) about the activities and also explained how the department offers the best possible learning environment for the students. Subsequently student's attendance, academic performance and other special programs have been briefed to the parents.

Principal Dr. A. M. Kate, elaborated on various activities being conducted by the college for the development of students. Also he has guided all parents about new marking scheme that is SGPA and CGPA. On these occasion Topper students from every class has been awarded by the HOD and Principle.

Also Parents has given valuable suggestions and feedback .Program concluded with vote of thanks proposed by Prof. P. M. Mane, he expressed gratitude towards Executive Director Shri. Jayesh Katkar and Campus Director Dr. Sanjay Deokar, for their support and guidance.

➤ Guru Pournima & Teachers' Day

On 5th September, birthday of Dr.Sarvapalli Radhakrishnan, was celebrated in Mechanical department at seminar hall. His footsteps, the teachers follow, are being proved on Teacher's Day. Teachers play a major role in making their students responsible citizens of tomorrow and good human beings. It is impossible to imagine our lives without teachers. They are the cornerstone of our future.

The performances of students on stage exclusively for teachers were a memorable one. Students from class S.E., T.E. and B.E. were present and exhibited their talents as a treat to the teachers. The students from B.E. expressed their thankfulness to see their teachers and were full of beans. Followed by the speech given by various students one student from final year sang a song on guru vandana for the teachers. All in all, it was celebration mode for everyone.

On the auspicious occasion of guru pournima and teacher's day, "Selfi with Guru" contest is organized. Many students participated in this contest.

Faculty Achievements

Faculties of our department also contribute in the achievements of department. They had presented a various Research Papers at National and International level Journals and Conferences. Some of them are registered for PHD.

Results 2018-19

SE Topper
- ☐ Makeshwar Pratiksha R. (9.2)
- ☐ Mujawar Faiyaz Aziz (9.12)
- ☐ Babar Kajal Shivaji (9.04)

TE Topper
- ☐ Rangani Jishnu Mansukh (9.3)
- ☐ Sarolkar Akshada Dilip (8.74)
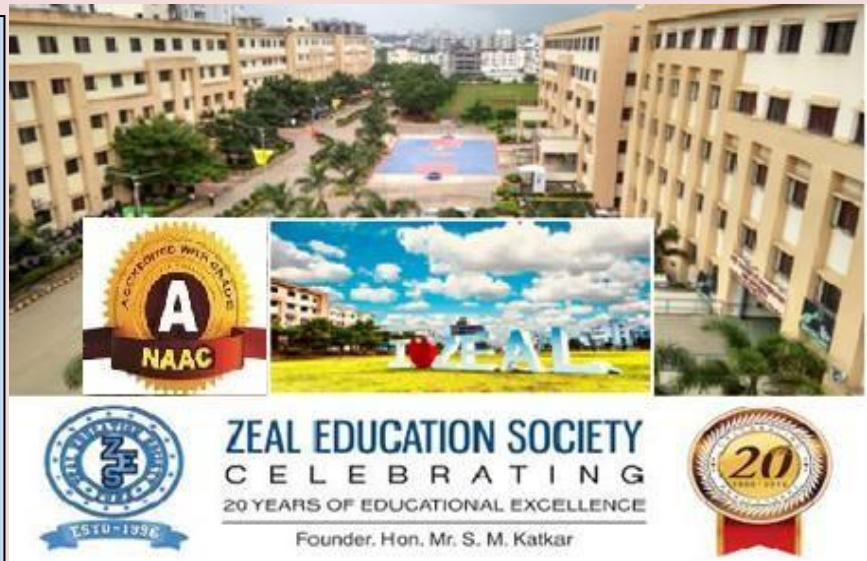- ☐ Koot Sakar Kumar (8.65)

BE Topper
- ☐ Kothawale Ashlesha P.(9.41)
- ☐ Chavan Dipali Vilas (9.32)
- ☐ Joglekar Kshitij Suresh (9.14)

Zeal Education Society

Zeal College of Engineering & Research (ZCOER)

Dr. Ajit M. Kate

Principal(ZCOER)

Chief Editor: Prof. Smita S. Bachal

"Shift the ctrl toward us and let 'C' how we can Alt