# COMP@CT

**Zeal Education Society's**
**Zeal College of engineering & Research**

## DEPARTMENT OF COMPUTER ENGINEERING

## Vision & Mission of the Department

### Our Vision is to:

▸ 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 the 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

## Inside

## 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 "

## Program Education Objectives

▸ 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.

# Alumni Meet of Computer Engineering

Alumni Meet session started at 11.00 am with a welcome note given by Prof. R. P. More. Total **91** students were present for meeting from Computer department.

**Activity 1:**The meeting started with welcoming alumni, giving welcome speech by Prof. Gopal R. Chandangole. His also addressed the students, we conducting alumni interaction session on every Saturday for SE,TE,BE Students.

**Activity 2:** Alumni Institute Coordinator Prof. Y. B. Hembade welcomes all the alumni and give details information of our college and department. He also request all alumni to give some suggestion to guide our junior students to improve their skill sets.

**Activity 3:** Training and Placement Coordinator



Prof. Viraj Barge addressed to alumni by about current institute and computer department placement.

Activity 4: After that student's interaction session is going for 45 minutes.

Activity 5: After interaction session Prof. P.V. Nawghare gives vote of thanks and conclude the meeting at 01:45PM.

The video has been uploaded on YouTube and on the website below are the links for the same:
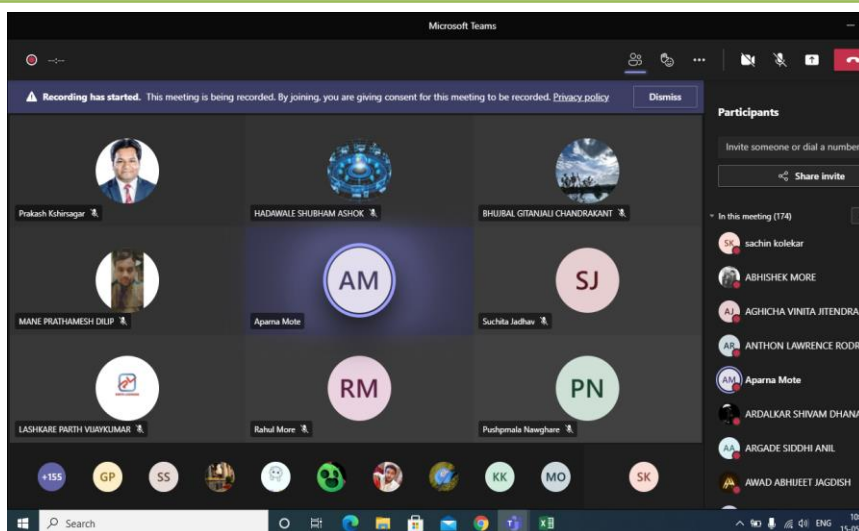
website: http://zcoer.in/alumni-meet-of-computer-engineering/

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# Parent Teacher Meet of Computer Engineering

Parent Meet conducted on 15/05/2021. I request you to overview the activities executed and listed all the observations during parent meet which is mentioned as below:

AGENDA OF THE MEETING

1. Departmental academic activities during covid-19 Pandemic

2. Attendance of Students

3. Online Mock test I and II Results

3. Fee status of students

4. Syllabus completion status

5. Study material provided byfaculty to the students (MCQ Question bank for subject Sem I and Sem II, Practical Oral Question bank for practice, notes of respective subject)
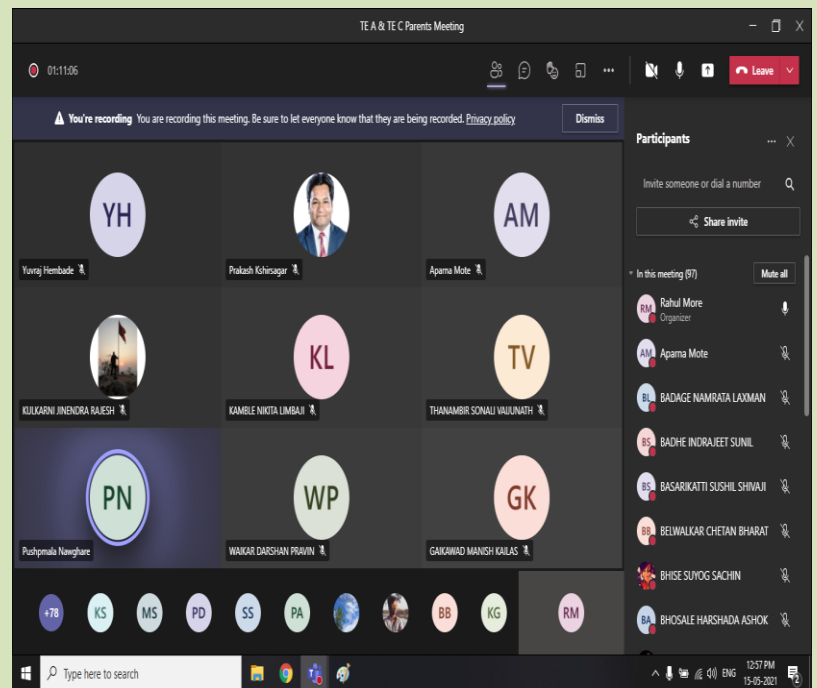


Online Meeting platform: Microsoft Teams, Scheduled Day: 15th May 2021, Saturday.

| Time | Class | Link | Parents Present for Meeting |
|---|---|---|---|
| 10:00am - 12:00pm | SE | https://teams.microsoft.com/l/meetup-join/19%3ae510879a373c4cdc8168ba16fbc9dd1c%40thread.tacv2/1621051257718?context=%7b%22Tid%22%3a%224b28ccde-0d0b-4109-98af-80b36434bcd4%22%2c%22Oid%22%3a%22f7e98b7f-e269-43cb-8620-aa32d851559a%22%7d | 185 |
| 12:00pm - 02:00pm | TE | https://teams.microsoft.com/l/meetup-join/19%3a75ffe5d1861a4b9aa71be21d81fa88bd%40thread.tacv2/1621053130288?context=%7b%22Tid%22%3a%224b28ccde-0d0b-4109-98af-80b36434bcd4%22%2c%22Oid%22%3a%22e5f69ccd-af17-4f08-8b02-f7776bc9802a%22%7d | 94 |
| 02:00pm - 04:00pm | BE | https://teams.microsoft.com/l/meetup-join/19%3a2909cef6fccc4b3788ecb7fc50a45813%40thread.tacv2/1621057666596?context=%7b%22Tid%22%3a%224b28ccde-0d0b-4109-98af-80b36434bcd4%22%2c%22Oid%22%3a%22b7975b82-230c-482a-b116-b51ad9ed7d8c%22%7d | 50 |

The Computer Engineering Department has organized online parent's teacher meet on 15th May 2021 on Microsoft Teams platform. The purpose of meeting is to provide and facilitate a common platform, where teacher and parents come together to enrich the student's educational experiences and discuss various issues regarding academics and results of students. Total 329 parents were remaining actively present and interacted through the meeting. This meeting was chaired under HOD Computer Engineering Prof. A. V. Mote and Academic coordinator Prof. P. V. Nawghare.

Prof. A. V. Mote welcomed to all parents and briefed about extra efforts taken by department. She also informed various activities such as PBL conducting and representing the same through online YouTube



platform. She also so that there will maximum opportunity while the placement drive conducted in future. She alsoconveyed the importance of hands-on skills through PBL along with teaching. She also informed that in PBL activity our Direct second year Student achieved 1st institute level price for "online zeal college virtual tour" Project. Later, she discussed about student's aspiration and their behavior and briefed about online teaching and its recording. Also discussed and informed to all parents that department is planning to run different hands-on training courses

# Webinar on "Career Transition into Data Science"

Webinar conducted on 23/05/2021. I request you to overview the activities executed and listed all the observations during parent meet which is mentioned as below:

AGENDA OF THE MEETING

➤ Welcome of speaker Mr.Chetan Thote.

➤ Current trends in Data Science

➤ Opportunities in Data Science as career

➤ Potential Sources

➤ Students Queries

Online Meeting platform: **Microsoft Teams**, Scheduled Day: **24th May 2021, Saturday**

The Computer Engineering Department has organized online webinar on 24th May 2021 on Microsoft Teams platform. The purpose of webinar is to provide and facilitate a common platform for all BE students to check Data Science era as a opportunities for carrer and discuss various subjects which helps for preparing for Data Science .

Total 142 students were present actively and interacted through the meeting. This meeting was organized by Prof. K.P.Tambe sir and speaker was from Bahwan Cyber Tek , Mr. Chetan Thote, Presales Consultant-Analytics.

In the beginning of meeting, warm welcome was offered by Prof. Kailas P. Tambe. He explained the agenda of online webinar meet. Then Mr.Chetan thote take over the meeting and briefly explained right from scratch about Data Science stream as audience was from BE Class. Slowly he moved them towards the career opportunities, Market Survey and Business Statistics.

Mr.Chetan brief particularly skill set required for as Data Scientist ,expectations from fresher and how they should look towards data science as challenge as well as carrer opportunity.

Mr.Chetan also imparted knowledge about industry processes, life cycles, terminology, agile processes and their culture with suitable case study and

# Spoken Tutorial, IIT Bombay Examination on "C Programming"

examples which helps students to understand the working environment in industry. In last he handled the question raised by students and queries by students. While interacting with students, students respond were over whelming, they were happy to interact with speaker.

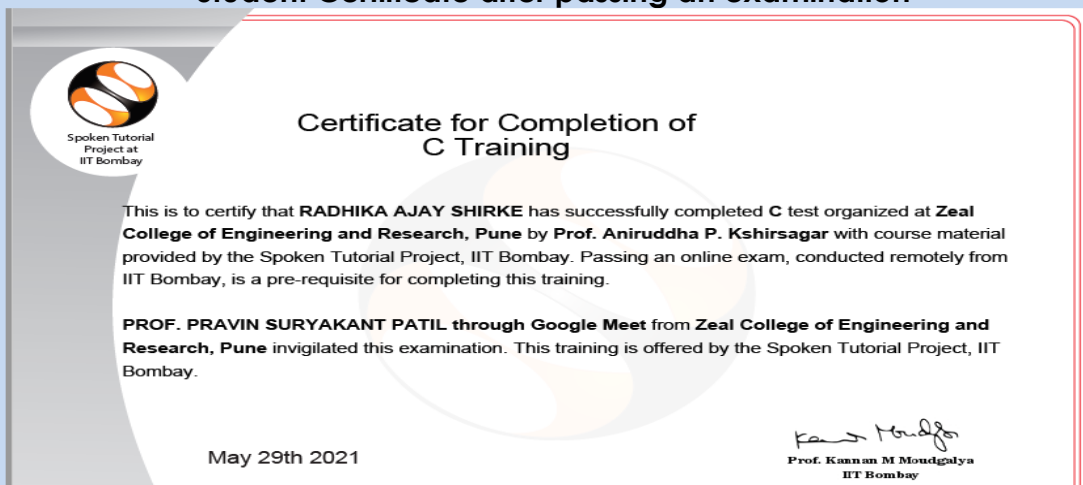Department of Computer Engineering conducted examination on C programming. Department level training conducted from 24-26 May, 2021

Also, training organized remotely by IIT Bombay for SE Computer department students.

**Outcomes:**

☐ Understanding Technical questions on C Programming.

☐ Understanding Objective questions on C Programming.

☐ Preparation from placement point of view.

☐ C Programming concepts like Loops, Decision control statements, Array, Pointer, Structure, Union, File handling

Also, training organized remotely by IIT Bombay for SE Computer department students



| Time | Class | Students Present for Meeting |
|------|-------|------------------------------|
| 09:30am - 10:30pm | BE | 142 |

## Student Certificate after passing an examination



### Certificate for Completion of C Training

This is to certify that **RADHIKA AJAY SHIRKE** has successfully completed **C** test organized at **Zeal College of Engineering and Research, Pune** by **Prof. Aniruddha P. Kshirsagar** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**PROF. PRAVIN SURYAKANT PATIL through Google Meet** from **Zeal College of Engineering and Research, Pune** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

May 29th 2021

Prof. Kannan M Moudgalya
IIT Bombay

Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India

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# 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.

## <u>Results 2019-20</u>

**SE Topper**
- Chavan Anjali Ajit (9.52)
- Marne Sakshi Shankar  (9.48)
- GadhaveRutujaNandakumar(9.44)

**TE Topper**
- Shivangi Singh (8.78)
- Babar KajalShivaji(8.78)
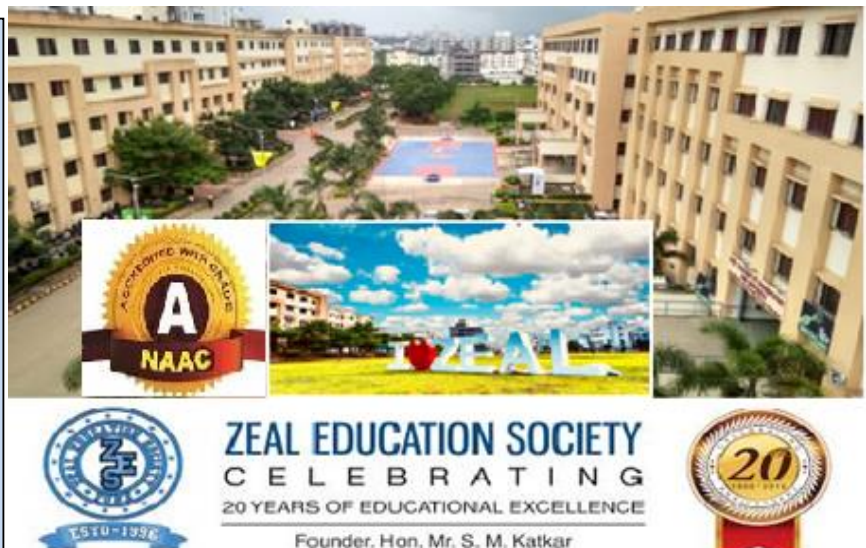- UrsalRutik Sanjay (8.69)

**BE Topper**
- SarolkarAkshadaDilip, RanganiJishnuMansukh(8.95)
- Yamgar Swati Lahu (8.91)
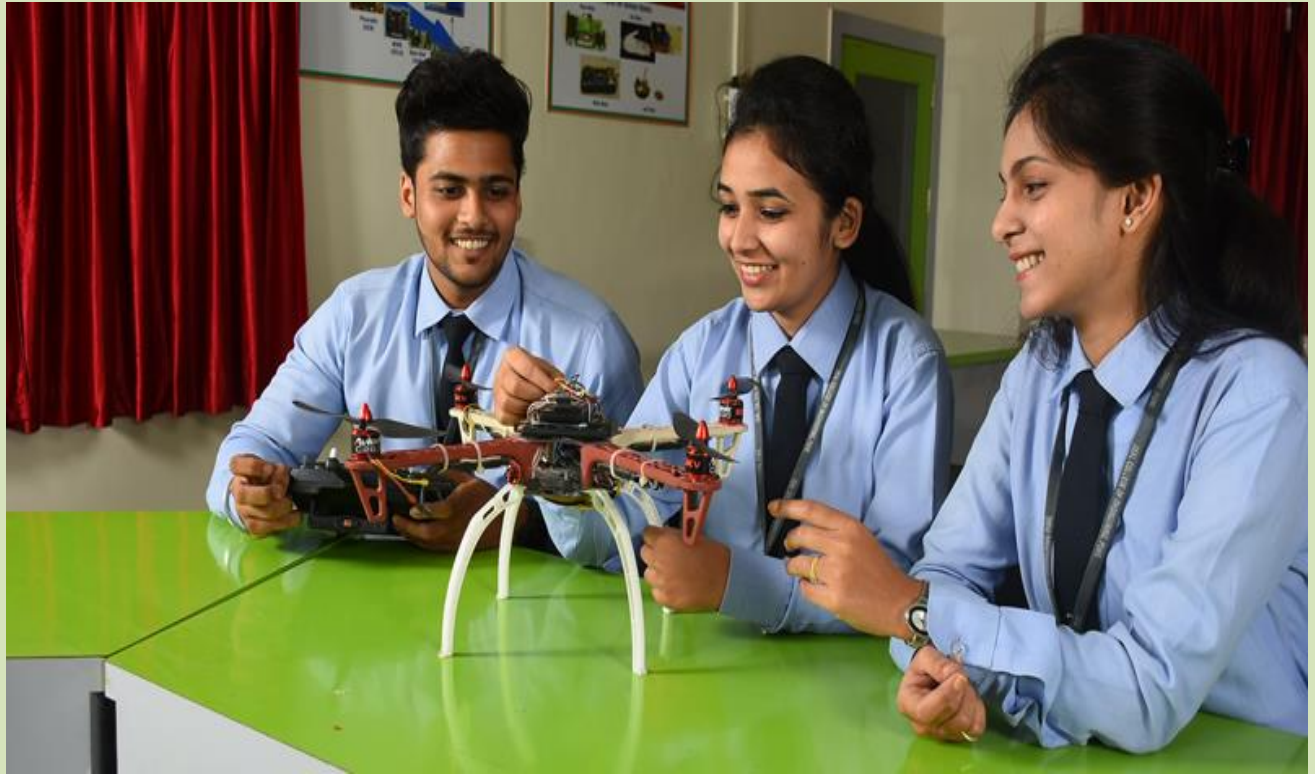- PatilNitalRavindra (8.82)

**Zeal Education Society**

**Zeal College of Engineering & Research (ZCOER)**

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**Dr. Ajit M. Kate**

**Principal(ZCOER)**

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