# COMP अतुल्य

**E-News Letter – Department of Computer Engineering**

## Department of Computer Engineering

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2. Bhagat Rutuja Shashikant(TYCO),
3. Mihir Ashok Prasad (TYCO),
4. Gujarathi Neel Mayur (SYCO)

## Vision
To develop competent computer engineers to accept challenges based on technical skills, professional ethics and social responsibility.

## Mission
**M1.** To provide learning environment from fundamental to emerging trends in computer engineering.

**M2.** To impart technical education to meet the requirements of the IT industry and society.

**M3.** To develop in students a sense of professional ethics and social responsibility.

**"Focus on education is a big strength. I want to see young people focus on creativity and take more risks."**
**Sundar Pichai**

**Programme Educational Outcomes (PEOs) given by MSBTE:**

1. Provide socially responsible, environment friendly solutions to Computer engineering related broad-based problems adapting professional ethics.

2. Adapt state-of-the-art Computer engineering broad-based technologies to work in multi-disciplinary work environments.

3. Solve broad-based problems individually and as a team member communicating effectively in the world of work.

**Programme Specific Outcomes (PSOs) given by MSBTE:**

**PSO1.** Computer Software and Hardware Usage: Use state-of-the-art technologies for operation and application of computer software and hardware.

**PSO2.** Computer Engineering Maintenance: Maintain computer engineering related software and hardware systems.

## *Message from HOD*



Welcome to Department of COMPUTER Engineering. Department of Engineering was established in 2006. The Department seeks to combine excellence in education with service to the industry. Our vision is to develop competent computer engineers to accept challenges based on technical skills, professional ethics and social responsibility. Our goal is to provide students with a balance of intellectual and practical experiences that enable them to serve a variety of societal needs. The department has a team of well qualified experienced and motivated faculty members to prepare the young minds of our students for global competition.

The department regularly organizes various professional development activities and grooms its students with the communication classes and personality development program. Sports, co-curricular and extra-curricular activities takes place at institute level and students participate in various intra-colleges, inter-college, inter-university fests/competitions. Department constantly works for overall growth of students and inculcate the qualities/features that are required and acceptable by Society.

Through innovative teaching-learning process and leadership building experience at the Department, students gain vital communication and critical-thinking skills. The Department has always been providing a platform for the students to enhance their employability skills through Industry-Department Collaboration with MoUs. Turning a student in to a good and proficient citizen is the prime aim of the department.

We are confident that our students will emerge as assets not only to this institution but also to the entire society at large. All the Best.

**Prof. S.P. Kholambe**

**HOD-Computer**

**ARTIFICIAL INTELLIGENCE-** Artificial intelligence (AI) centres on machine coding that mimic's human and animal intelligence. AI professionals develop algorithms and program machines to perform humanlike tasks. Already ubiquitous, AI helps detect credit card fraud, identify disease outbreaks, and optimize satellite navigation.

**EDGE COMPUTING-** In contrast to cloud computing, where data is processed and stored far away from the end user in large data centres, edge computing puts computer data at "the edge," close to the end user. Experts do not expect the cloud to disappear completely, but rather work in tandem with edge computing as it brings processing to users, streamlining anything from factory production to self-driving car response.

**QUANTUM COMPUTING-** Quantum computing uses powerful computers to solve problems at the atomic and subatomic levels. Unlike classic computers, which perform calculations and store data in binary code, quantum computers use quantum bits. This allows quantum computers to crunch numbers and solve problems much more quickly than previously possible.

**CYBERSECURITY**- Cyber security focuses on protecting computer systems and networks from cyber threats and attacks. As companies continue storing information on the cloud and conduct operations online, the need for improved cyber security also grows.

**INTERNET OF THINGS**- The Internet of Things (IoT) describes the network of physical objects-"things"-that are embedded with sensors, software and other technologies for the purpose of connecting and exchanging data with other devices and systems over the internet.

**CLOUD COMPUTING**- Cloud computing is the delivery of computing services-including servers, storage, databases, networking, software, analytics and intelligence over the internet ("the Cloud") to offer faster innovation, flexible resources and economies of scale.



*"Success in creating AI would be the biggest event in human history. Unfortunately, it might also be the last, unless we learn how to avoid the risks".*

**Stephen Hawking**

# INDUSTRIAL VISITS

## *INDUSTRIAL VISIT AT SUMAGO INFOTECH 25TH NOVEMBER 2022*

The company specializes in offering Web Designing, Web Application Development, Mobile Application Development, Software Development, Digital Marketing, Software Testing, Quality Assurance services, and many more. The aim of visit was Students got information regarding different applications like web designing, digital marketing, etc. and also know the work culture in Industry, responsibilities of team leader, etc.

## *INDUSTRIAL VISIT AT IIT POWAI 17TH DECEMBER 2022*

Techfest is Annual Science and technology festival of IIT Bombay which is Asia's Largest College Festival organized by the student community. The aim of Visit was students got opportunity to participate in a variety of events like Competitions, E-Sports, Exhibitions, International Robowars, Ideate, Ozone, Lectures, Technoholix, and Workshops.

**"Industrial visits open the doors to endless possibilities and learning opportunities."**

# GUEST LECTURES

**Topic**- Emerging Trends in IT and Industrial Training

**Resource Person**- Mrs. Sonali Gorade, CEO-Sumago Infotech, Nashik

**Date**- 13th April 2023

**Beneficiaries**- Second Year Computer Engineering, Information Technology and Electrical Engineering Students.

**Co-ordinators**- Prof. P. B. Khairnar, Prof. D. J. Ugale.

**Chief Coordinator**- Prof. S. P. Kholambe.

**Venue**- MET, BKC, IOT-Poly Seminar Hall.



**Name of Topic -** "Blockchain Technology"

**Resource Person -** Mr. Siddharth Mandawade, Software Developer, Sunanda Infotech pvt. Ltd. Nashik.

**Date -** 11/04/2023

**Venue -** Seminar Hall MET-BKC-IOT-Poly

# WOMENS DAY CELEBRATION







On Occasion of International Women's Day a Program on **"Women Empowerment and Role of Women in manufacturing sector"** was organised by Training and Placement Cell in association with Computer Engineering Department.

**Resource Person –** Ms Harshada Lokhande - Asst Manager Jhon Deere (MET Alumni) Pune
                              Ms Mayura HR- Shirode Hyundai, Nashik.

**"Every work has got to pass through hundreds of difficulties before succeeding. Those that persevere will see the light, sooner or later."**

**Swami Vivekananda**

**VAISHNAVI SUNIL PAWAR - FYCO**



**SHARVARI KACHOLE – FYCO**

And you...as well

I walk on the streets,
Under the grove of blossoming trees.
The scent of flowers
with a crisp breeze.

Accompanied by the stars and the
trickling of my beating heart...

And you - more so your
memory did as well.

- Bhavik D. Pawar-SYCO

December Day
A winter day.

In deep and dark and December,
I wake and hear the cold
Splintering, breaking.

Gazing from my window below,
To get a birds-eye-view.
Far across the corner,
Blue moon illuminates through
the falling snow; Hidings under
of a red cloud.

- Bhavik D. Pawar-SYCO

**Mr. Rushikesh Nandu Ghodke.**

Securing Elite + Gold grade with 90% in SWAYAM NPTEL course titled, Programming in JAVA and listed in top 5% rankers.

**Mr. Yash Sudhir Patil.**

Getting selected in Wipro, Bangalore through Campus Placement 2022-23.





# MET RATNA USTAV2023 (TOPPER IN POLYTEHNIC)
# JAHAGIRDAR PRANALI DIPAK (92.17%)

## RESULT ANALYSIS

**THIRD YEAR COMPUTER ENGINEERING (SUMEER 2022)**

| Rank | Name of Students | Percentage |
|---|---|---|
| 1 | JAHAGIRDAR PRANALI DIPAK | 92.17% |
| 2 | MANDLIK YASH SUNIL | 89.43% |
| 3 | JAGTAP MAYUR SANJAY | 86.57% |

**THIRD YEAR COMPUTER ENGINEERING (SUMEER 2023)**

| Rank | Name of Students | Percentage |
|---|---|---|
| 1 | MIHIR ASHOK PRASAD | 92.23 |
| 2 | GHODKE RUSHIKESH NANDU | 91.77 |
| 3 | PATIL YASH SUDHIR | 90.4 |
| 3 | JEJURKAR SHREYA PUNDLIK | 90.4 |

**SECOND YEAR COMPUTER ENGINEERING (SUMEER 2023)**

| Rank | Name of Students | Percentage |
|---|---|---|
| 1 | BORASTE RUCHA YOGESH | 92.44 |
| 2 | JADHAV DIKSHA MAHESH | 86.65 |
| 3 | KHANDVI BHAGYASHREE DILIP | 85.93 |

## SWAYAM NPTEL COURSES

| Sr. No. | Name of Student | Class | Name of NPTEL Course |
|---|---|---|---|
| 1 | Patil Yash Sudhir | TYCO | Programming in Java |
| 2 | Ghodke Rushikesh Nandu | TYCO | Programming in Java |
| 3 | Takate Tanishka Deepak | TYCO | The Joy of Computing using Python |
| 4 | Borade Piyush Santosh | TYCO | Programming in Java |
| 5 | Chaudhari Krish Ravindra | TYCO | Introduction to Operating Systems |
| 6 | Prasad Mihir Ashok | TYCO | Introduction to Operating Systems |
| 7 | Ugale Shahu Hemant | TYCO | Introduction to Operating Systems |
| 8 | More Himanish Abhijit | TYCO | Introduction to Operating Systems |

| 9 | Wani Anmol Hemant | TYCO | Programming in Java |
|---|---|---|---|
| 10 | Boraste Rucha Yogesh | SYCO | Problem Solving through Programming in C |
| 11 | Kshitij Yogesh Shinde | SYCO | The Joy of Computing using Python |
| 12 | Pawar Sarthak Deepak | SYCO | The Joy of Computing using Python |
| 13 | Ghodke Prajakta Deepak | SYCO | Problem Solving through Programming in C |

## PARENT MEET –TYCO and SYCO

Parents –Teacher meet held on 17th March 2023 from 10.00am onwards. The Agenda of meeting was student progress reports, upcoming events, assignments, behaviour concerns, and other pertinent information.





## MET's FUN FAIR



YOU ARE INVITED TO :

MET's FunFair

Organized By
TYCO

Come and join Us, on :

20/04/2023

Co Department, Polythenic





**"We know what we are, but know not what we may be."**

# INSTITUTE OF TECHNOLOGY - POLYTECHNIC

## THE MET LEAGUE OF COLLEGES
## MET Bhujbal Knowledge City
### AS SHARP AS YOU CAN GET

## DEPARTMENT OF COMPUTER ENGINEERING - TYCO (2022-23)

*DEPARTMENT OF COMPUTER ENGINEERING*

*E-Newsletter*

*Email-metpolycomp@gmail.com*

"Engineering is all about Using the Power of Science to Make Life Better for People, to Reduce Cost, to Improve Comfort, to Improve Productivity."

N R Narayana Murthy