

### Department Vision

To be an eminent Department that provides exemplary education that would nurture innovative thinking, quality research and there by grooming students to become skilled professionals and researchers in various field of Computer Engineering

### Department Mission

- ♦ To provide a conducive environment that offers an enriching learning experience and motivate students towards innovative thinking and research
- ♦ To equip students with technical skills that would help them develop efficient software solutions
- ♦ To enhance industry academia dialog enabling students to inculcate professional skills within them
- ♦ To incorporate social and ethical awareness among our graduates to make them conscientious professionals



### From HoD's Desk



Computer Engineering is one of the most flourishing disciplines in recent times. With increased demand among recruiters, this domain has become the preferred line of study among students as well. The department was launched keeping in view the dynamic nature of the IT industry and the ever increasing demand for quality and well-trained IT professionals. At our department we seek to combine excellence in education with service to the IT industry. The Department of Computer Engineering is one of the core departments I<sup>2</sup>IT and it offers a Bachelor of Engineering (B.E.) degree in Computer Engineering. The State of the art infrastructure experienced teaching faculty members and sufficiently supportive team members ensure that students can be assured of quality education. Regular interaction among students, parents and staff, along with the Training and Placement Cell ensures a bright future for students. The Department of Computer Engineering strives to provide innovative and quality education with high standard so as to achieve academic excellence and create a conducive platform for the students to achieve their career goals. Welcome to Department of Computer Engineering and wish you great academics ahead.

**Dr. Ajitkumar Shitole**  
HoD (Computer Engineering)

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### Our Department

#### Program Educational Objectives

- ✓ To develop technically competent Computer Engineers with proficient domain knowledge, research attitude and innovative thinking.
- ✓ To foster committed graduates with a life-long learning attitude and entrepreneurship spirit for successful career.
- ✓ To inculcate professional ethics, managerial and communication skills to accomplish a worthy career in all spheres of Computer Engineering.
- ✓ To nurture socially aware engineers who can develop effective solutions for the betterment of the community and the nation.

<b>Intake capacity</b>	<b>: 120</b>
<b>Total No. of Students</b>	<b>: 307</b>
<b>Associate Professors</b>	<b>: 03</b>
<b>Assistant Professors</b>	<b>: 12</b>
<b>Lab. Assistants</b>	<b>: 02</b>
<b>Number of Classrooms</b>	<b>: 05</b>
<b>Number of laboratories</b>	<b>: 08</b>

#### Our Renowned Faculty

- ❖ Dr. Ajitkumar Shitole
- ❖ Dr. Sandeep Patil
- ❖ Dr. Deepak Uplaonkar
- ❖ Prof. Ashwini Jarali (PhD Pursuing)
- ❖ Prof. Deptii Chaudhari (PhD Pursuing)
- ❖ Prof. Kimi Ramteke (ME CE)
- ❖ Prof. Mukesh More (ME CE)
- ❖ Prof. Nitin Alzende (ME CE)
- ❖ Prof. Mohini Arote (PhD Pursuing)
- ❖ Prof. Jyotishree K.
- ❖ Prof. Chandrapal Arya (PhD Pursuing)
- ❖ Prof. Sachine Kolase
- ❖ Prof. Milana Malvadkar
- ❖ Prof. Abhijeet Sagare
- ❖ Prof. Raksha Naidu

#### Our Support Staff

- ❖ Mr. Vishal Shinde
- ❖ Mr. Nitin Tarange

## DEPARTMENT ACTIVITIES

### Guest Lectures

- Session on "Understanding Intellectual Property and its importance" by Dr. Nitin Shukla, Principal Scientist & Head, Intellectual Property Group, CSIR-NCL Innovations, Pune.
- Session on "Introduction to Information and Cyber Security" by Mr. Suhas Joshi, Information Security Professional, Cognizant, Pune.

### Add - On Courses

- Web development using React JS from 01<sup>st</sup> To 04<sup>th</sup> March 2023 by Mr. Manish Prakash Jadhav & Shivam Gajanan Nimbalkar, Technical Head and Trainer, Research & Development Engineer and Trainer, Institute Of Futuristic Technologies (IOFT), Mumbai.
- VJava Programming from 12<sup>th</sup>, 13<sup>th</sup>, 15<sup>th</sup> & 17<sup>th</sup> April 2023 by Mr. Milind V. Ankleshwar, Founder & Director, MASS Technologies, Pune.

### Students' Chapter Activities - ACM

- International Women's Day celebration, Dr. Tejaswini, Social Activist, on 8<sup>th</sup> March 2023.

### Students' Chapter Activities - GDSC

- Web Development Campaign, Mr. Mahesh Gaikwad and his team on 22<sup>nd</sup> Feb to 31<sup>st</sup> March 2023.
- Flutter Campaign, Mr. Avishkar Patil and his team on 14<sup>th</sup> March 2023

### Sponsored Projects

- Project titled "VR Based Remote Campus Tour" by Wasinmpasha Patwari, Aysh Kalme, Payal Kadav, Shreya Nigade received technical sponsorship from Cybertron, Virtual Reality, Pune.

### Students' Achievements

- Purva Jadhav was awarded as Pune Miss Runway fashion walk organized by Pune Metro (2023).
- Meenu Pillai completed course in German language by Foreign Language Institute, IPR awareness, 9th edition of KPIT sparkle.
- Parnav Gaikwad participated in Sports Competition.
- Team of Prasad Thorave, Hitesh Jain, Shreeyash Mahajan completed 2 months internship at PPCR.
- Sudarshan Jadhav was awarded certificate on Digital Skill Social Media at Accenture.
- Atharva Pingale was certified in GATE exam.
- Tanvi Rainaik completed Completed course Cloud Computing AWS by Developer Students club.
- Sahil Singh Rajput was Microsoft Certified in Azure fundamentals.
- Harshal Paratwar was NPTEL certified in Java by IIT Kharagpur.
- Parth Khajgiwale published paper on "Discovering Malware: Techniques for Analyzing Behavior, Strengths and Limitations by Amity University.

## Copyright Filed

- Copy Right Registered on “Interview Practice Voice Based Chatbot” by Sumit Jain, Siddhant Dharmatti, Prem Vora, Sunny Khandekar, Prof. Mukesh More.

## Students' & Faculty Publications

- “Housing Price Prediction using Supervised Learning”, Vidya Bhistannavar, Aditi Mahale, Nikita Chauha, Vedang Matey, Dr. Ajitkumar Shitole Industrial Engineering Journal Dec 2022
- “Detection of Cyber Attacks: XSS, SQLI, Phishing Attacks and Detecting Intrusion Using Machine Learning Algorithms”, Aashutosh Bhardwaj, Saheb Singh Chandok, Aniket Bagnawar, Shubham Mishra, Deepak Uplaonkar, 2022 IEEE Global Conference on Computing, Power and Communication Technologies (GlobConPT), New Delhi, India, 2022, pp. 1-6.
- "Real Estate Price Prediction using Supervised Learning," Vedang Matey; Nikita Chauhan; Aditi Mahale; Vidya Bhistannavar; Ajitkumar Shitole, 2022 IEEE Pune Section International Conference (PuneCon), Pune, India, 2022, pp. 1-5.
- "High-Level Design and Rapid Implementation of Blockchain-Based Real Time Supply Chain Platform," Rishabh Karmakar; Ketki Nirantar; Pooja Hiremath; Deptii Chaudhari, 2022 IEEE Pune Section International Conference (Pune Con), Pune, India, 2022, pp. 1-8.
- Dr. Deepak Uplaonkar published books titled “Basics of Machine Learning Approaches” and “Introduction to Artificial Intelligence Technology” with Scientific International Publishing House.

## Faculty Achievements

- Dr. Ajitkumar Shitole was awarded 3<sup>rd</sup> best paper on “Discovering Malware: Techniques for Analyzing Behavior, Strengths, and Limitations” by Amity University in National conference on cyber forensic.
- Dr. Ajitkumar Shitole was advisory committee member at Amity University in National conference on cyber forensic.
- Dr. Sandeep Patil Resource Person for Faculty Orientation program on Elective-VI: Soft Computing at Amrutvahini College of Engineering, Sangamner organized by Dept. of Computer Engg.
- Dr. Sandeep Patil as Research Supervisor Visvesvaraya Technological University (VTU) Public university in Belgaum, Karnataka.
- Dr. Sandeep Patil as Reviewer APPLIED SOFT COMPUTING on “Weakly Supervised Learning-based Bone Abnormality Detection from Musculoskeletal X-rays”.
- Dr. Deepak Uplaonkar Patent Filed Deep Learning and Computer Vision algorithms-based age identification of ink on paper organized by Intellectual Property India.
- Dr. Deepak Uplaonkar was Jury Member Smart Pune Health Hackathon 2023, I2IT.
- Prof. Deptii Chaudhari was Resource Person Faculty Orientation Program on "Natural Language Processing" Dept. of Computer Engineering, SIT Lonavala.

- Prof. Deptii Chaudhari was Reviewer 3rd International Conference on Advanced Computing Technologies and Applications-2023 (ICACTA) D. J. Sanghavi College of Engineering, Mumbai.
- Dr. Sandeep Patil Recognition as Research Supervisor Visvesvaraya Technological University (VTU) Public university in Belgaum, Karnataka .
- Prof. Deptii Chaudhari 3rd International Conference on Advanced Computing Technologies and Applications-2023 (ICACTA).

## **The Team**

### **Content**

**Dr. Ajitkumar Shitole**

Head, Department of Computer Engineering

### **Editor**

**Prof. Deptii Chaudhari**

Assistant Professor, Department of Computer Engineering

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P- 14 , Rajiv Gandhi Infotech Park, MIDC – Phase I, Hinjawadi,  
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