

### 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>: 375</b> |
| <b>Associate Professors</b>   | <b>: 03</b>  |
| <b>Assistant Professors</b>   | <b>: 13</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 (PhD Pursuing)
- ❖ Prof. Mukesh More (PhD Pursuing)
- ❖ Prof. Pallavi Yavale (PhD Pursuing)
- ❖ Prof. Nitin Alzende
- ❖ Prof. Milana Malvadkar
- ❖ Prof. Shital Wadganve
- ❖ Prof. Silkesha Thigale
- ❖ Prof. Abhijeet Sagare
- ❖ Prof. Raksha Naidu
- ❖ Prof. Lata Verma
- ❖ Prof. Poonam Deokar

#### Our Support Staff

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

## DEPARTMENT ACTIVITIES

### Guest Lectures

- Session on "Introduction to Data Structures and its Industry Applications" by Mr. Pratik Ghanwat, Senior Software Developer, Parallel Wireless, Pune.
- Session on "Study Abroad: Opportunities and Preparation" by Mr. Parashar Pandya, Business Development Manager, Jamboree Education, Pune.
- Session on "Industrial IoT" by Mr. Ravindra Eshi, Hardware Developer, Indio Networks Pvt. Ltd, Pune.
- Session on "AIML Honors course Computational Statistics" by Mr. Yogesh Murumkar, CEO, Bharat Soft Solutions, Pune.

### Add - On Courses

- Significance of Data structures in IT Life from 17<sup>th</sup> July 2023 to 27<sup>th</sup> July 2023 by Mr. Sushank Kishor Dahiwadkar, Co-Founder & Lead Instructor, Wisdom Sprouts, Pune.
- Android Application Development from 20<sup>th</sup> October 2023 to 21<sup>st</sup> October 2023 and from 27<sup>th</sup> October 2023 to 28<sup>th</sup> October 2023 by Mr. Sopnil Shinde, Sr. Android Developer, Prygma Information Systems LLP, Pune.

### Value Added Course

- Fundamentals of Web3, Blockchain and dApp creation from 20<sup>th</sup> July 2023 to 21<sup>st</sup> July 2023 and on 7<sup>th</sup> August 2023 by Mr. Naman Gupta, Mr. Manas Agrawal, Mr. Bijay Singh, Partnerships at zbyte, zbyte community, Pune.
- UI/UX from 11<sup>th</sup> August 2023 to 12<sup>th</sup> August 2023 by Ms. Kranti Vanjari & Ms. Rupali Barge, Sr. Service Design Lead, UX Specialist, WNS Digital Transformation Co-Creation Lab - Pune & Amdocs, Pune.

### Students' Association Activities - CESA

- CESA Opening Ceremony on 31<sup>st</sup> August 2023 by Mr. Yash Khairnar and Ms. Tanaya Pawar, CESA Committee Members, I<sup>2</sup>IT, Pune.
- Codesprint Showdown on 6<sup>th</sup> October 2023 by CESA Technical and Event Management Team, I<sup>2</sup>IT, Pune.
- Data Analytics: A Roadmap to Rewarding Career on 14<sup>th</sup> October 2023 by Mr. Murari Ramuka, Data Analytics Specialist, Google, Pune.
- Breast Cancer Awareness campaign for female in association with Lions Club, Asmita Medical Foundation in the month of October 2023, LRCC, J. M. Road, Modern High School, Pune.

## Students' Chapter Activities - ACM

- Session on "Membership Drive" from 19<sup>th</sup> October 2023 to 20<sup>th</sup> October 2023 by Ms. Sanskriti Singh, Student Coordinator, I<sup>2</sup>IT, Pune.
- Session on "Internship Odyssey: Sailing through Internships" on 31<sup>st</sup> August 2023 by Mr. Yash Khairnar, Student Coordinator, I<sup>2</sup>IT, Pune.

## Students' Chapter Activities - GDSC

- GDSC INFO Session FE on 22<sup>nd</sup> August 2023 by Mr. Avishkar Patil, Mr. Om Nichal, Ms. Neha Mundase, Mr. Mayur Patil, Mr. Abhishek Kulkarni, Mr. Piyush Shastri, GDSC Leads and Co-Leads, GDSC, I<sup>2</sup>IT, Pune.
- GDSC Know Your Domain Session(SE) on 24<sup>th</sup> August 2023 by Mr. Avishkar Patil, Ms. Nishtha Jethani, Mr. Piyush Shastri, GDSC Former Lead and Respective Domain Experts, GDSC, I<sup>2</sup>IT, Pune.
- Google Cloud Study Jams in whole month of September by Ms. Neha Mundase, Ms. Sanskriti Singh, GDSC, I<sup>2</sup>IT, Pune.
- Exploring data analytics on 10<sup>th</sup> October 2023 by Mr. Sudharma Mokashi, Cloud Data Engineer @ Google, GDSC, I<sup>2</sup>IT, Pune.
- GDSC community connect on 29<sup>th</sup> August 2023 by Mr. Avishkar Patil, Mr. Siddharth Kumthekar, Mr. Toshali Chaudhari, Mr. Abhang Mandwale, Mr. Pritish Rajpurohit, GDSC Leads and Co-Leads, GDSC, I<sup>2</sup>IT, Pune.
- Data Analytics: Roadmap to a Rewarding Career on 14<sup>th</sup> October 2023 by Mr. Murari Ramuka, Data Analytics Specialist, Google.

## Sponsored Projects

- Project titled "P & ID symbol and text detection" by Ms. Teja Tadeballi, Ms. Meenu Pillai, Ms. Shreya Gajbhiye, Ms. Srushti Bhamre has received financial sponsorship from PPCRC, I<sup>2</sup>IT, Pune.
- Project titled "Water level monitoring system" by Mr. Apurav Divekar, Mr. Omkar Papade, Ms. Palak Oza, Mr. Yuvraj Khelkar Bhamre has received financial sponsorship from POYV Pvt. Ltd., Sadguru Nagar Malmatta Bhosari, Pune.
- Project titled "Project monitoring and team recommendation system" by Ms. Piyushka Deshmukh, Ms. Vaibhavi Kate, Ms. Chaitali Gavit has received financial sponsorship from DRDO, Pashan, Pune.

## Students' Achievements

- Shubham Nandkumar Mote was participated in Sinhgad Karandak Competition 2023. organized by Kedarnath Sarvjanik Vachanalay and Samajik Sanstha, Pune in Cultural on 3<sup>rd</sup> December 2023.

## Students' Achievements

- Parth Khajgiwale has published book named as Shades of Reflection - Exploring Duality by Parth Ajit Khajaguwale ASIN: B0CHYM2CCR Publisher: Notion Press: Language: English on 11<sup>th</sup> September 2023.
- Shubham Nandkumar Mote has secured Fourth Prize State Level Inter College Elocution Competition 2024 organized by Hutatma Rajguru Vicharmanch in Cultural on 23<sup>rd</sup> December 2023.
- Shubham Nandkumar Mote was participated in State Level Inter College Elocution and Debate Competition 2023 organized by Dr. Sudhakar Jadhavar, Arts, Commerce & Science College in Cultural on 26<sup>th</sup> August 2023.
- Ved Mone, Pritish Jadhav was Second Runner Team in Inter College Chess Competition of SPPU, Pune, District Zonal Sports Committee organized by District Education Association's Annasaheb Waghire College of Arts, Pune on 1<sup>st</sup> August 2023.
- Shubham Nandkumar Mote has secured Second Prize at Chatrapati Karandak - A State Level Inter College Competition organized by Shri Shivaji Mahavidyalay Akola in Cultural on 7<sup>th</sup> December 2023.
- Ved Mone has Secured Fourth Place in Inter College Chess Competition of SPPU, Pune at District Zonal Sports Committee organized by Pune District Education Association's Annasaheb, Waghire College of Arts, Science and Commerce Sports on 2<sup>nd</sup> August 2023.
- Shubham Nandkumar Mote was Participated in State Level Inter Collegiate Elocution and Debate Competition 2023, YIN Kala Mahotsav 2023 on 1<sup>st</sup> August 2023.

## Students' & Faculty Publications

- "Empowering Propaganda Detection in Resource-Restrained Languages: A Transformer-Based Framework for Classifying Hindi News Articles", Prof. Deptii Chaudhari, Big Data and Cognitive Computing, November 2023.
- "Curated Datasets for Use in Automated Media Monitoring and Feedback System: 'News Classification System' Dataset, 'Government News Classification' Dataset", by Dr. Deepak S. Uplaonkar, International Journal on Recent and Innovation Trends in Computing and Communication, September 2023.

## Faculty Achievements

- Dr. Ajitkumar Shitole was external expert in PhD Topic Approval Member at Board of University Teaching and Research, Amity University, Mumbai, 11<sup>th</sup> June 2023.
- Dr. Ajitkumar Shitole was Board of Study Member (AIDS) at Department of Artificial Intelligence & Data Science Engineering Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering & Technology, Baramati, 9<sup>th</sup> September 2023.
- Dr. Ajitkumar Shitole was Reviewer at 6th International Conference on Information Systems and Management Science ISMS-2023 Department of Computer Science and Engineering, OP Jindal University, Raigarh, India and ICT, University of Malta, Malta, 23<sup>rd</sup> December 2023.
- Dr. Ajitkumar Shitole was BUTR Member at Amity Institute of Information Technology, Pune, Amity University, Mumbai, 5<sup>th</sup> November 2023.

## Faculty Achievements

- Dr. Ajitkumar Shitole was Reviewer at International Conference on Recent Trends in Engineering and Technology (VISHWACON 2023) at VIIT, Pune, 24<sup>th</sup> November 2023.
- Dr. Ajitkumar Shitole was Reviewer at International Conference on Computational Intelligence and Network Systems (CINS 2023) at Dubai, UAE, 10<sup>th</sup> October 2023.
- Dr. Ajitkumar Shitole was published Patent on "Device for Electromyography Monitoring" UK, 14<sup>th</sup> September 2023.
- Dr. Ajitkumar Shitole was delivered invited talk on "IoT Smart Irrigation Management System" at International Conference organized by World Bank aided Indian Council of Agricultural Research (ICAR)-National Agricultural Higher Education Project (NAHEP)- Centre for Advanced Agricultural Science and Technology for Climate Smart Agriculture and Water Management (CAAST-CSAWM), Mahatma Phule Krishi Vidyapeeth, Rahuri, India, 20<sup>th</sup> December 2023.
- Dr. Ajitkumar Shitole had delivered Invited Talk on Data Structures at ISBM College of Engineering, Nande, Pune, 30<sup>th</sup> November 2023.
- Dr. Deepak Uplaonkar has received Best Paper Award organized by Recent Advances in Science and Engineering RAISE-2023, 4<sup>th</sup> October 2023.
- Dr. Deepak Uplaonkar has received Best Paper Presenter Award organized by IEEE International Conference on Integrated Intelligence and Communication Systems (ICIICS-2023) Sharnbasva University, Kalaburagi, 24<sup>th</sup> November 2023.
- Prof. Pallavi Yevale has received Best Paper Award for research paper titled "Track Doctoral Symposium" organized by 6<sup>th</sup> International Conference on Recent Trends in Engineering and Technology VISHWACON 2023, 25<sup>th</sup> November 2023.
- Dr. Deepak Uplaonkar has received Best Paper Award for research paper titled "Deep Learning-Based Coverless Image Steganography on Medical Images Shared Via Cloud" organized by International Conference on Recent Advances in Science and Engineering (Raise 2023) at MAHE, DUBAI, 5<sup>th</sup> November 2023.
- Dr. Deepak S. Uplaonkar was published Patent on "Device For Monitoring The Real-Time Disaster Management" India, 13<sup>th</sup> October 2023.

## **TheTeam**

### **Content**

**Dr. Ajitkumar Shitole**

Head, Department of Computer Engineering

### **Faculty Editor**

**Prof. Deptii Chaudhari**

Assistant Professor, Department of Computer Engineering

### **Student Editor**

**Yash Khairnar**

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