Department of Computer Engineering

"Significant Bytes"
The Newsletter
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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

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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 I²IT 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)

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.

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

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 "How to Write Research Paper" by Dr. Deepak S. Uplaonkar, Associate Professor, I²IT
- Session on " Post Graduate Program in Management" by Mr. Ritesh Meshram, Admission Manager, Indian School of Business
- Session on "Industry Involvement in Partial Delivery of Regular Course (Theory of Computation)" by Mr. Swaroop Kshatriya, Technical Test Lead Infosys Technologies Ltd , Pune
- Guest Lecture on "Smart and Secure World -Using IoT" by Mr Yashodhan Vivek Mandke, Head of Product Security Emerson
- Guest Session on "Cyber Security: Fight with Digital Attacks" by Mr. Prasad Dhakad Cyber security consultant/ Malware Analyst Joe Security GMBH
- Guest Session on " Computer Graphics using C++" by Bharat Shrikant Mazire, Research & Development Engineer Ansys, Pune
- Audit Course Session on "Environmental Studies" by Mrs. Vaishali J. Patkar, President Aundh Vikas Manda, Pune
- Guest Lecture on "First Step for a Career in Cyber Security" by Mr. Harshad Sangle Chief Executive Officer, Citis Educon Private Limited Pune.
- Audit Course Session on "Professional Ethics and Etiquettes" by Prof. Minal Badgujar Faculty, I²IT

Add - On Courses

- Machine Learning using Python from 16th To 19th August 2022 by Mr. Yogesh Murumkar, CEO Bharat Soft Solutions, Pune
- VR & AR Development from 14th To 17th September 2022 by Mr. Rahul Gupta, Founder and Managing Director, The Intellect Technologies, Mumbai

Value Added Course

- Power BI on 22nd & 23rd August 2022 by Mr. Onkar Nagarkar & Mr. Yadnesh Mohan Zagade, Senior Researchs & Development Engineers, Tech Cryptors, Mumbai
- Cyber Security on 14th & 15th October 2022 by Mr. Tejas Digambar Limaye, Chief Technology Officer, Magicflare Software Services LLP, Pune.

Students' Association Activities - CESA

- Career Guidance Session by Mr. Himanshu Mishra, Principal Architect Elastic Run, Pune
- Hands on Workshop on Python programming by the students Atharva Pingale, Yash Khairnar, Pranav Gaikwad
- Visit to Punarutthan Samarsata Gurukulam, Pune orphanage for donation

Students' Chapter Activities - ACM

- Quiz Contest for Second Year Students
- Session on "How to be an Entrepreneur" by Mr. Arijit Bhattacharyya Virtualinfocom
- ACM Introductory Event and Membership Drive
- Panel Discussion on "Bridging Gap between Academia and Industry" by Ajay Deshpande - Senior Director, Icertis, Neeran M Karnik - Principal Architect, Tarana Wireless and Harsh Khajgiwale - DevOps Engineer, Druva Data Solution

Students' Chapter Activities - GDSC

- Info Session of GDSC by Mr. Atharva Pingale and his team
- Compose Camp by Mr. Avishkar Patil and his team
- API's 101 with Postman by Mr. Mahesh Gaikwad

Sponsored Projects

- Project titled "Decentralized data storage for college" by Isha Vijay Kawale, Prajakta Jagdish Badgujar, Prerna Jayawantrao Narkhede, Samruddhi Mahendra Kadam received technical sponsorship from Deshmane Petroleum, Pune.
- Project titled "Web application for pharmaceutical company" by Chaitali Prashant Kolhe, Kalash Koul, Khush Prakash Patil, Purva Jadhav received financial sponsorship from Badrina Aaronalis Pharmaceuticals Pvt. Ltd.

Students' Achievements

- Team Socialet of Prathmesh Kurunkar, Onkar Sawant, Pranav Mene, Nikhil Varghese was the Joint winner award at the Grand Finale competition of Smart India Hackathon (SIH-2022).
- Our students Isha Kawale (BE), Chaitali Kolhe (BE) and Mandar Deshmukh (BE) were part of team Tech-Phantoms which was selected for Smart India Hackthon Finale.
- Our student Shubham Mote (SE) won Second Position in Debate competition organized by YIN (Young Inspirators Network).
- Our student Shubham Mote from (SE) won First Prize in Elocution competition organized by YIN (Young Inspirators Network).
- Our students Sukanya Mabhavi (BE) and Aanisha Shewate (SE) Completed N5 level in Japanese Language
- Ved Mone (SE) was 2nd Runner up in University Intercollegiate Chess CompetitionSPPU, Pune
- Avni Lakhatariya (SE) won First Prize in Solo Dance Competition in YIN Kala Mahauthsav organized by Sakal group.

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 Industrical 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 (PuneCon), 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 Subject Expert to revise and finalize the contents of the course Machine Learning (2019 Pattern) of BE Computer Engineering, SPPU, Pune.
- Dr. Ajitkumar Shitole was a resource person for the SPPU Online FDP on "Machine Learning, BE (2019), Computer Engineering", at STES SIT, Lonavala, 29 July 2022.
- Dr. Ajitkumar Shitole is appointed as Subject Chairman of Machine Learning course (BE 2019 Pattern)
- Dr. Ajitkumar Shitole was a session chair at the 6th International Conference on Computing, Communication, Control and Automation (ICCUBEA-2022) organized by IEEE Pune and PCCOE, Pune
- Dr. Sandeep Patil was a reviewer at the Inspire Awards- Manak Awards.
- Dr. Sandeep Patil was a mentor for the team winning of joint award at Smart India Hackathon 2022
- Dr. Sandeep Patil was a jury member at Intelliswift i-nnovate Hackathon 2022
- Dr. Sandeep Patil was Subject Expert to revise and finalize the contents of the course Soft Computing (2019 Pattern) of BE Computer Engineering, SPPU, Pune.
- Dr. Deepak Uploankar was a Reviewer at "IEEE Internet of things Journal"
- Dr. Deepak Uplaonkar was Jury member of the IEEE Pune Section Awards 2022
- Dr. Deepak Uploankar reviewed manuscripts at IJEER (Scopus Journal)
- Prof. Ashwini Jarali was Subject Expert to revise and finalize the contents of the course Object Oriented Modelling & Designing (2019 Pattern) of BE Computer Engineering, SPPU, Pune.
- Prof. Deptii Chaudhari was Subject Expert to revise and finalize the contents of the course Natural Language Processing (2019 Pattern) of BE Computer Engineering, SPPU, Pune.

The Team

Content

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Head, Department of Computer Engineering

Editor

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