

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 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)

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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.

Intake capacity	: 180
Total No. of Students	: 501
Associate Professors	: 03
Assistant Professors	: 21
Our Technical Support Staff	: 03
Number of Classrooms	: 07
Number of laboratories	: 08

Our Renowned Faculty

- | | |
|---|---------------------------|
| ❖ Dr. Ajitkumar Shitole | ❖ Dr. Sandeep Patil |
| ❖ Dr. Deepak Uplaonkar | ❖ Dr. Deptii Chaudhari |
| ❖ Dr. Deepak Patil | ❖ Dr. Prateeksha Chouksey |
| ❖ Dr. Swati Jadhav | |
| ❖ Prof. Ashwini Jarali (PhD Pursuing) | |
| ❖ Prof. Kimi Ramteke (PhD Pursuing) | |
| ❖ Prof. Mukesh More (PhD Pursuing) | |
| ❖ Prof. Pallavi Yavale (PhD Pursuing) | |
| ❖ Prof. Prakash Kshirsagar (PhD Pursuing) | |
| ❖ Prof. Mahadevi Namose (PhD Pursuing) | |
| ❖ Prof. Sheetal. Wadganve | ❖ Prof. Lata Varma |
| ❖ Prof. Sikehsha Thigale | ❖ Prof. Poonam Deokar |
| ❖ Prof. Pradnya Shinde | ❖ Prof. Supriya Kamble |
| ❖ Prof. Shubhangi Kesalkar | ❖ Prof. Jayshree Mule |
| ❖ Prof. Radhika Gore | ❖ Prof. Ashwini Nikam |
| ❖ Prof. Nivedita Ghodke | |

Our Technical Support Staff

- | | | |
|-----------------|----------------|----------------|
| ❖ Mr. Vishal S. | ❖ Mr. Nitin T. | ❖ Ms. Vidya P. |
|-----------------|----------------|----------------|

DEPARTMENT ACTIVITIES

Guest Lectures

- Session on "Internship Awareness" by Mr. Amol Aher, Director & Head of Operations KasNet Technology Pvt Ltd, Pune on 6th January 2025.
- Session on "Conceptualizing the process of Internship" by Prof. Pradnya N. Shinde, Assistant Professor, I²IT, Pune on 14th January 2025.
- Session on "How to Write a Research Paper" by Dr. Deepak S. Uplaonkar, Associate Professor I²IT, Pune on 15th January 2025.
- Session on "Unlocking Real World Insights Industry Applications of Data Science" by Mr. Kiran Digrase, JAVA Architect, Technology Specialist, Consultant, Selenium Expert, Entrepreneur Tandercube Technology, Pune on 3rd April 2025.

Add - On Courses

- Python Unleashed: Practical Training for Real World Applications by Mr. Yogesh Murumkar, CEO, Bharat Soft Solutions, Pune from 5th to 8th February 2025.
- Full stack development by Mr. Tejas Digambar Limaye, Chief Technology Officer, Appwizer Solutions OPC Private Limited, Pune from 19th to 22nd March 2025.

Value Added Course

- Augmented and Virtual Reality Acceleration by Mr. Nagarjuna Vatti, Unity Developer, CDAC, Pune from 9th to 10th January 2025.
- Accelerated Learning: Power BI & ETL for Data-Driven Decision Making by Mr. Sourabh Gurav, Senior Associate Consultant, Synechron, Pune from 20th to 21st February 2025.

Students' Association Activities - CESA

- Embracing Interviews with Confidence by Mr. Tejas Limaye, Chief Technology Officer, Appwizer Solutions OPC Private Limited, Pune on 16th January 2025.
- Unlocking AI Conversations Tips, Tricks, and Ethics by Mr. Avinash Rajput and Mr. Shriharsha Velicheti, Generative AI Intern at Datasmith AI, AI Engineer, Pune on 25th February 2025.

Students' Association Activities - CESA

- Expanding Horizons: A Guide to Higher Studies Overseas by Mr. Tanmay Singh, Branch Marketing Manager, Fragomen Immigration Services India Pvt. Ltd, Pune on 5th March 2025.
- Hands On Workshop on Quantum Computing by Ms. Guncha Malik and Ms. Pooja Hiremath, Senior Security Architect and Devops Developer, IBM, Pune from 17th to 18th March 2025.
- Heritage Clean-up Drive by SE Computer and IT Students, I²IT Pune on 28th February 2025.

Students' Chapter Activities - ACM

- ESP Session on Mathematical Modelling in Computer Science by Dr Abhijat Vichare, Ph.D. in Physics and an ACM India-affiliated expert, ACM India, Pune on 3rd February 2025.
- Guest Session on Mastering Research Paper Writing and Technical Documentation: Reading and Writing by Dr. Prashant P. Bartakke, Dean, School of Electrical and Communication Engineering, COEP Technological University, Pune on 20th February 2025.

Students' & Faculty Publications

- "Time Series Analysis in Electrical Load Forecasting", Deepak Balaso Patil, Panamerican Mathematical Journal, Vol. 35 No. 1s, 1064 - 9735. 2025.
<https://www.scopus.com/sourceid/11100153312>.
- "A Comprehensive Review on Email Optimization and Spam Detection", Dr. Deepak Uplaonkar, Industrial Engineering Journal (UGC Care 1), Vol. 28 No. 1, pp. 0970 - 2555, 2024.
https://drive.google.com/file/d/197Yyz1fThWcAltWeAM9Y_XX1JZy531rN/view?usp=drive_link
- "A Comprehensive Review on Email Optimization and Spam Detection", Dr. Dr. Sandeep Patil, Industrial Engineering Journal (UGC Care 1), Vol. 28 No. 1, pp. 0970 - 2555, 2024.
https://drive.google.com/file/d/197Yyz1fThWcAltWeAM9Y_XX1JZy531rN/view?usp=drive_link
- "Eye Disease Prediction Using Deep Learning", Prof. Shubhangi Kesalkar, International Research Journal of Modernization in Engineering Technology and Science, Vol. 7, pp. 2582-5208, 2025.
https://drive.google.com/file/d/1jOlBlika77m_APBXXqKmrRTsq7B3E1py/view?usp=drive_link.

Students' & Faculty Publications

- "Comparative Analysis of Machine Learning Methods in Climate Data Extraction and Forecasting", Dr. Ajitkumar S. Shitole, International Conference on Emerging Technologies For Intelligent Systems (ETIS 2025), ISBN number of the proceeding: 979-8-3315-2782-2 <https://ieeexplore.ieee.org/document/10961537>
- "A Comprehensive Review on Lunar Crater Detection Using Image Processing", Dr. Deepak Uplaonkar, International Conference on Emerging Technologies For Intelligent Systems (ETIS 2025), 2025
- "Deep Learning-Enhanced IoT System for Real-Time Identification of Ayurvedic Raw Materials," Dr. Deptii Chaudhari, 2024 IEEE Pune Section International Conference (PuneCon) 2024. ISBN number of the proceeding: 979-8-3315-2782-2. <https://ieeexplore.ieee.org/document/10894806>
- "Challenges and Future Directions in Fishing Area Identification: Balancing Ecosystem Preservation with Industry Sustainability", Dr. Prateeksha Chouksey, 9th International Conference on Smart Trends in Computing and Communications. <https://ieeexplore.ieee.org/document/10894806>
- "Performance of HfO₂ on High Electron Mobility Transistor for Microwave Applications", Dr. Swati D. Jadhav, IEEE Electron Device Kolkata Conference, EDKCON 2024, ISBN number of the proceeding : 979-8-3503-7465-0. <https://ieeexplore.ieee.org/document/10870791>
- "Crop Detection and Weed Removal Agriculture Robot", Dr. Deepak Patil, 2024 International Conference on Intelligent Systems and Advanced Applications (ICISAA), ICISAA- 2024, ISBN number of the proceeding: 979-8-3315-3995-5, <https://ieeexplore.ieee.org/document/10828811>
- "Bridging the Gap: Effective Summarization Techniques for Regional languages", Pallavi Yevale, The 1st International Conference on Next-Gen AI & ML 2025, ICNGAI – 2025.
- "Bridging the Gap: Effective Summarization Techniques for Regional languages", Mukesh More, The 1st International Conference on Next-Gen AI & ML 2025, ICNGAI – 2025.
- "A Review on rapid advancements in artificial intelligence (AI) and LLM In Recruitment Landscape", Mahadevi S. Namose, 1st Global Conference on Cognitive Computing and Communication Technology (GC4T-25), 2024.
- "Reviewing Advances in Food Image Recognition and Nutritional Assessment: Focus on YOLOv8", Kimi Ramteke, 1st Global Conference on Cognitive Computing and Communication Technology (GC4T-25), 2024.
- "The role of transfer learning and pre trained language models in multilingual virtual assistants", Pallavi Yevale, International Conference on NextGen Technology and AI for the sustainable Future, NTAI 2025.
- "Revolutionizing Charitable Giving: An Analysis of Digital Platforms And Advanced Technologies In Fundraising", Dr. Prateeksha Chouksey, 7th International Conference on Smart Computing and Informatics 2025.
- "Comparative Study of Multilingual Intelligent Virtual Assistant", Pallavi Yevale, International Conference on Advancement in Computation and computer Technologies, InCACCT 2025.

Students' Achievements

- Prajwal Athare, Brajesh Narayan, Bhagyashri Chaudhari and Vaishnavi Gaikwad has honored with the Domain-wise Best Project Award at CONVENE 2025, the 11th National Level Project Competition & Ideathon, hosted by the Department of Computer Engineering, Smt. Kashibai Navale College of Engineering, Pune, under the guidance of Sinhgad Institutes and the IEEE Pune Section on 17th April 2025.
- Dhruv Jagtap has got First Prize in Technical Event Srujan 2025 at National Level organized by Rajarshi Shahu College of Engineering, Tathawade Pune on 4th April 2025.
- Yashraj Kusale has got First Prize in Technical Event Srujan 2025 at National Level organized by Rajarshi Shahu College of Engineering, Tathawade Pune on 4th April 2025.
- Shruti Ladkat, Samir Ghumde, Kaveri Gaware, Swastik Kabra and Girish Bamble has won Second Prize at AVIDNYA 2025, the National Level Project Competition organized by the Department of Computer Engineering of Dr. D. Y. Patil Institute of Technology, Pimpri, Pune on 26th April 2025.
- Harsh Patil was a Winner in Technical Event Graffiti 2025 at State Level organized by Symbiosis Center for Information technology, Pune on 1st January 2025.
- Saumya Sharma has got Second Prize in Technical Event at State Level for White Paper Contest on AI in Cyber Security organized by Pune International Center, Pune on 1st January 2025.
- Swapanil Mahajan has secured Global Rank of 1327 in Technical Event TCS CodeVita season 12 for showcasing exceptional coding skill at State Level organized by Pune International Center, Pune on 1st January 2025.
- Samruddhi Bambale has got certification in Cybersecurity organized by Fortinet Training Institute Pune on 19th January 2025.
- Vaishnav Kale was Winner of Internship Stipend \$ 3000 at International Level Technical Event organized by Linux Foundation Mentorship Program on 28th February 2025.
- Neha Kulkarni and Samrudhi Bhadane has received Consolation Prize Rs. 10000/- Technical Event at National Level, IIT Bombay Trust Lab and Maratha Chamber of Commerce, Industry and Agriculture organized by Linux Foundation Mentorship Program, Pune on 29th March 2025.
- Ratnesh Patnaik was Runner-Up in Technical Event at National Level Quantum workshop organized by IBM, Pune on 17th March 2025.
- Swastik Kabra was participated in Technical Event at State Level SMT. GEETA ISRANI Scholarship organized by Priyadarshani Academy, Pune on 25th March 2025.
- Mayur Patil, Piyush Patil and Siddhi Salunkhe were winner in Technical Event at National Level Technodium organized by MITAOE under IEEE Bombay section Pune 29th March 2025.

Students' Achievements

- Prajwal Athare, Brajesh Narayan, Bhagyashri Chaudhari and Vaishnavi Gaikwad has received Domain-wise Best Project Award in CONVENE 2025 at National Level in 11th National Level Project Competition & Ideathon organized by Department of Computer Engineering, Smt. Kashibai Navale College of Engineering under the guidance of Sinhgad Institutes and the IEEE Pune Section, Pune on 17th April 2025.
- Om Talape, Arya Dere and Sarthak Daga were winners in Technical Event at State Level Graffiti 2025 organized by Symbiosis Center for Information technology, Pune on 1st January 2025.
- Samruddhi and Neha were received Consolation Prize in Technical Event at State Level All-Women Capture Flag Contest organized by Cummins College of Engineering, Pune on 29th March 2025.
- Dipak Koli has secured Sencond Prize in Sports Event at State Level in Satej Karandak 2025 organized by D.Y. Patil College of Engineering Akurdi, Pune on 1st January 2025.
- Samruddhi Bambale was completed certification in Full Stack Development organized by CCBP 4.0 Academy on 21st January 2025.
- Gauri Ayalane and Arya Deshpande were received Consolation in Technical Event at National Level Smart India Hackathon 2024 organized by Guru Ghasidas Vishwavidyalaya, Bilaspur on 11th December 2024.
- Ritesen Dhar has secured Global Rank of in Technical Event at State Level TCS CodeVita season 12 for showcasing exceptional coding skill organized by Pune International Center, Pune on 1st January 2025.

Faculty Achievements

- Dr. Ajitkumar Shitole was Reviewer at Cureus Journal Series, Springer Nature, December 2024 on 3rd January 2025.
- Dr. Ajitkumar Shitole was Course Coordinator / Member in designing the curriculum of S.E. (Computer Engineering) 2024 Course on 5th January 2025.
- Dr. Ajitkumar Shitole was Session Chair at the First International Conference on Recent Advances in Engineering and Sciences on 22ⁿ and 23rd April 2025.
- Dr. Deepak Uplaonkar was Winner of Project Competition of One week FDP on High Performance Computing: Fueling the Future of AI and Deep Learning, I²IT, Pune on 3rd April 2025.

Faculty Achievements

- Dr. Deepak Uplaonkar has evaluated Ph.D. Thesis and External Examiner for Ph.D. Defense at Sharnbasva University on 4th February 2025.
- Dr. Deptii Chaudhari was Session Chair at 3rd International Conference on Futurist Technologies on 22nd February 2025.
- Dr. Swati D. Jadhav was Awarded Ph.D. in Electronics and Communication Engineering by Chhatrapati Shivaji Maharaj University Navi Mumbai on 8th April 2025.
- Dr. Prateeksha D. Chouksey was Awarded Ph.D. in Computer Science and Engineering by Shri Jagdishprasad Jharbarmal Tibrewala University on 21st April 2025.
- Prof. Mahadevi S. Namose was reviewer 1st International Conference on Next-Gen AI-ML, ICNGAI-2025 at MMIT Lohgaon Pune on 25th and 26th February 2025.
- Prof. Mukesh More was Subject Expert at D.Y. Patil University on 10th March 2025
- Prof. Mukesh More has received Consolation Prize at All Women Capture the Flag Contest organized by MCCIA and IIT Bombay Trust Lab on 29th March 2025.
- Prof. Pallavi Yevale was reviewer at Dr. D. Y. Patil School of Science and Technology Tathawade, Pune on 5th April 2025
- Dr. Prateeksha D. Chouksey was Reviewer at 11th International Conference on Information Management (ICIM 2025) is organized at Imperial College London, London, UK on 20th February 2025.

The Team

Content

Dr. Ajitkumar Shitole

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