



"Significant Bytes"

The Newsletter

**International Institute of Information
Technology, Pune**
Department of Computer Engineering

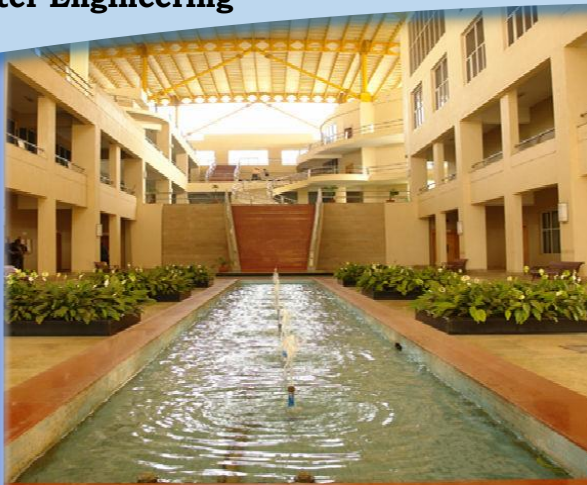
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Department Vision

To be an eminent Department that provides exemplary education that would nurture innovative thinking, quality research and thereby 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	: 120
Associate Professors	: 03
Assistant Professors	: 07
Lab. Assistants	: 01
Number of Classrooms	: 03
Number of laboratories	: 08

Our Renowned Faculty

- ❖ Dr. Ajitkumar Shitole
- ❖ Dr. Sandeep Patil
- ❖ Dr. Uma Godase
- ❖ Prof. Ashwini Jarali (ME CE)
- ❖ Prof. Deptii Chaudhari (PhD Pursuing)
- ❖ Prof. Kimi Ramteke (ME CE)
- ❖ Prof. Mukesh More (ME CE)
- ❖ Prof. Shilpa Jadhao (ME CE)
- ❖ Prof. Nitin Alzende (ME CE)
- ❖ Prof. Sunil Sushir (ME CE)

Our Support Staff

- ❖ Mr. Akshay Chavan

DEPARTMENT ACTIVITIES

Guest Lectures

- Placement Interview Preparation by Mr. Shubhankar Gaikwad Software Developer, Coding Ninjas on 30-06-2021
- Organ Donation - How you can save lives, Internship with MOHAN Foundation by Dr Sunil Shroff Senior Consultant Urologist, Transplant Surgeon and Managing Trustee MOHAN Foundation, NGO, Chennai on 01-07-2021
- Cloud introduction & Application deployment on the server by Mr. Charudatta Bangal Technical Lead Inventive Business Solutions Pvt Ltd on 17-8-2021
- Webinar on "Benefits of GATE & CAREER opportunities after GATE" by Mr. Umashankar Tripathi, GATE Academy on 17-08-2021
- Navigating the Careers in 21st Century by Mr. Vijay Sonawane Chief Executive Officer & Chief Facilitator, Arrham Intelligence Institute Pvt Ltd on 27-08-2021
- International Webinar - "Campus to Corporate !" by Dr. Anant Haidale Vice President, Head Human Resources Tata Consultancy Services, North America on 17-09-2021
- Industry insight to Software Testing by Mr. Rajan Gupta Advance Software Test Engineer AMDOCS Development Centre LLP, Pune. India on 3-12-2021
- Object Oriented Programming – Java vs C++ by Mr. Ayan Roy Mukherjee Software Developer Micropro Infotech on 22-11-2021
- Introduction to Mobile Application Development by Mr. Suresh Pal ATS Learning Solutions on 15-12-2021
- IPR : A-Step towards Start-ups by Dr. Shailaja Patil, Chair-IEEE WIE Pune Section; Dean R&D, and Professor, Dept. of E&TC, RSCOE Rajarashi Shahu College of Engineering, Pune on 29-12-2021

Add - On Courses

- Machine Learning using Python by Mr. Sagar Nangare, SAGVEEK Technologies Pune on 10th, 15th, 16th, 17th 23rd and 24th July 2021
- Aspects of DevOps by Mr. Shashank Gaikwad, Allscripts India LLP, Pune on 16th, 22nd, 23rd and 30th November 2021
- Mobile Application Development by Mr. Suresh Pal, ATS Learning Solutions on 16th , 17th , 20th & 21 st December 2021

Value Added Course

- Insight to Cloud & Application Deployment on the Server by Mr. Charudatta Bangal Technical Lead Inventive Business Solutions Pvt Ltd 24th to 25th september 2021

Students' Association Activities - CESA

- Guest Session on How to Nail your next Job Interview by Mr. Manoj Kadulkar HR Analytics Persistent Systems, Pune on 30-07-2021
- Guest Session on Trends in Networking Industry by Mr. Bhaskar Bhumkar Senior Manager Cisco, Bangalore on 04-09-2021
- Hands-on workshop on Python Programming by Third Year CESA Committee Members on 18-09-2021 & 19-09-2021
- Online Coding Competition on Hackerrank by CESA Committee Members on 30-10-2021

Club Activities - GDSC (Google Developer Students Club)

- Know your Domain - Cloud by GDSC Committee Members Yash Panchwatkar, Manas Tole on 21-09-2021
- Know your domain: AI and ML Edition by GDSC Committee Members Aryan Kenchappagol, Yashowardhan Shinde 09-10-2021 & 10-10-2021
- Tech Talks with GDSC I2IT : Cybersecurity Edition with Guncha Malik, Compliance Architect at IBM, Cybersecurity Advisor at CISSP, Qiskit Advocate IBM Pune, India

ACM Students Chapter Events

- ACM Introductory Event
- Webinar on "Unlocking the Blocks in Blockchain Technology: Concept and Simulation, Using MHRD-IIT BlockChain Virtual Lab" by Dr. Rahul Johri
- QUIZZICLE - A Quiz Competition
- Blogging competition "BLOGAURA- Write IT Down"
- Hands-on-workshop on "GIT & GITHUB" by Mr. Praveen Kumar Virtusa Systems India Pvt Ltd,
- Digital Artwork Competition "ARTISAN" Theme is "AI- fiction and reality"

Students' Achievements

- Rishabh Karmakar was the Winner at Data Science Challenge organized by Capgemini Tech Challenge 2021 Edition
- Ketaki Nirantar won 1st Prize and Rs. 15,000/- in Lady Ada National Level Programming Contest for Women organized by ACM-India Council and Oriental Institute of Science and Technology, Bhopal
- Yashowardhan Shinde, Aryan Kenchappagol won Best Paper Award at 2nd International Conference on Intelligent and Cloud Computing (ICICC-2021) organized by Siksha 'O' Anusandhan deemed to be University, Bhubaneswar, Odisha, India
- Team Techy Fighters - Rishabh Karmakar, Sachin Mittal, Aditya Desai, Rajatawa Mukharjee, Shamin Ahmed and Rishabh Rathi was Runners Up in Capgemini Tech Challenge 2021 Edition
- Atharva Deshpande, Onkar Sawant, Kirti Singh secured Three-hundred Thirty-sixth Place in 2020 ICPC Asia Gwalior-Pune Regional Contest
- Pooja Hiremath was selected as Summer Scholar, USEQIP 2021 - IQC University of Waterloo, Canada among 70 students worldwide.
- Gayatri Bhatambarekar received Badges from Geeks for Geeks and SQL Hacker Rank for her articles

Students & Faculty Publications

- "Optimization of IoT Enabled Physical Location Monitoring using DT and VAR", Dr. Ajitkumar Shitole, Dr. Manoj Devare, Vol 15 Issue 4 International Journal of Cognitive Informatics and Natural Intelligence (IJCINI) DOI: 10.4018/IJCINI.287597
- "Indian Regional Language Abstractive Text Summarization using Attention-based LSTM Neural Network", Rishabh Karmakar; Ketki Nirantar; Prathamesh Kurunkar; Pooja Hiremath; Deptii Chaudhari Proceedings of International Conference on Intelligent Technologies (CONIT) DOI: 10.1109/CONIT51480.2021.9498309
- "A Hybrid Machine Learning Model Approach to H-1B Visa" Akalbir Singh Chadha, Ajitkumar Shitole Proceedings of 3rd International Conference on Electrical, Control and Instrumentation Engineering (ICECIE) 10.1109/ICECIE52348.2021.9664747
- "Detecting Fraudulent Transactions using Hybrid Fusion Techniques" Yashowardhan Shinde, Akalbir Singh Chadha, Ajitkumar Shitole Proceedings of 3rd International Conference on Electrical, Control and Instrumentation Engineering (ICECIE) DOI: 10.1109/ICECIE52348.2021.9664719
- "Robust Symmetric Encryption for Public Key Infrastructure" Anubhav Mattoo, Nikhil Samleti, Puja Aher, Shubham Patil, Ashwini Jarali Soft Computing for Security Applications. Advances in Intelligent Systems and Computing, vol 1397. Springer, Singapore. https://doi.org/10.1007/978-981-16-5301-8_47

Faculty Achievements

- ❖ Dr. Ajitkumar Shitole was Reviewer at National Conference on Innovative Engineering Technologies and Management (IETM-2021) at MIT, ADT University, Pune.
- ❖ Dr. Ajitkumar Shitole was a Resource Person for Faculty Orientation Program on Data Structure Laboratory organized by Dr. D. Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune
- ❖ Dr. Ajitkumar Shitole was Reviewer at IEEE 2nd Global Conference for Advanced in Technology (GCAT), Oct 2021 organized by Nagarjun College of Engineering and Technology / IEEE Benglore Section
- ❖ Dr. Ajitkumar Shitole was Reviewer at Springer Nature for Journal of Ambient Intelligence and Humanized Computing
- ❖ Dr. Sandeep Patil was a Resource Person for IPSC IT Fest 2K21 organized by B. K. Birla Center for Education Pune
- ❖ Prof. Deptii Chaudhari was a Program Committee Member for FIRE 21 (Forum for Information Retrieval Evaluation 2021

The Team

Content

Dr. Ajitkumar Shitole

Head, Department of Computer Engineering

Editor

Prof. Deptii Chaudhari



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