

Resume

Name : **Dr. Chhaya Shishir Pawar**
Designation : Associate Professor
Address : Department of Computer Engineering,
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Google scholar Profile: <https://scholar.google.com/citations?user=W7FusCoAAAAJ&hl=en>

Areas of Research Interests

- Video Coding based on Data Analytics
- Artificial Intelligence
- Data Analytics

Qualification

- **Ph.D Computer Engineering from University of Mumbai in December 2019**
Title: A new approach to Video Compression
- **M. E.(2013) Computer Engineering ((University of Mumbai), 75.6% (First Class with Distinction)**
- **B. E.(2006) Computer Engineering ((University of Mumbai), 72.6% (First Class with Distinction)**
- Higher Secondary with **86.13%**, Secondary with **88.13%**

Teaching Experience

Total Teaching Experience: **17 years**

Institute : Fr.C.Rodrigues Institute of Technology, Vashi

Department : Computer Engineering

- **Associate Professor** from 1st November 2022 - till date

Institute : Datta Meghe College Of Engineering Airoli.

Department : Computer Engineering

- **Assistant Professor** from 1st April 2011 - 31st October 2022
- **Lecturer (USSC)** from 2nd July 2007 to 31st March 2011.
- **Lecturer (Adhoc)** from 14th Aug 2006 – 31.05.2007.

Research Grant & Scholarship

- **Principal Investigator:** Received Mumbai **University Minor research Grant** as Principle investigator of **Rs. 25000/-** for the research project “A new Approach to Video Compression”
- **Scholarship:** Received Sir Dorabji Tata Trust scholarship of **Rs.48000/-** for M.E. Computer Engineering

Publications

- Papers in International Journals: **25**
- Papers in International Conferences: **09**
- Papers in National Conferences: **07**
- Book Chapters: **01**

Projects Guided

- Approved **PhD Supervisor** in University of Mumbai
- Approved **PG Teacher** in University of Mumbai
- **01 PhD** student under guidance (**pursuing**)
 - ”Design and development of a pain intensity detection model using deep learning approach”
- **04 students at PG level (Completed)**
 - PG Projects guided
 1. Susmita B.Das, “Machine Learning Based approach for High Efficiency VideoCoding”
 2. Sreedhanya S., “Automatic Image annotation using Modified Multilabel dictionary learning”
 3. Vinutha H reddy, “Moving object detection in compressed domain of HEVCfor video surveillance”
 4. Apurva Pilay, “Geological boundary detection for satellite images”
- More than 90 students at UG level (Computer Engineering)
- Worked as Primary evaluator and Judge at **Toycathon 2021**, an inter-ministerial initiative organized by Ministry of Education’s Innovation Cell with support from All India Council for Technical Education

Paper Reviewed In Journals / Conferences

- **Session Chair** for 2nd and 3rd International Conference on Advance Trends in Engineering, ICATE 2018 (6-7 April) and 2019 (4-5 April), Navi Mumbai, India

- **Paper reviewer** for 2nd International Conference on Advance Trends in Engineering, ICATE 2018, 6-7 April 2018, Navi Mumbai, India
- **Paper reviewer** for "5th IEEE-International Conference on Advances in Science and Technology (5th IEEE-ICAST-2022))" in association with the University of Mumbai, India, and technically co-sponsored by IEEE Bombay Section, India, held on December 2nd and 3rd , 2022 at KJSIEIT, Sion, Mumbai, Maharashtra, India
- **Paper reviewer** for AICTE Sponsored Virtual Conference Sardar Patel International Conference On "Industry 4.0 - Nascent Technologies and Sustainability for 'Make in India' Initiative" 22nd - 23rd December 2022
- **Paper reviewer** at IEEE Technically co-sponsored 5th Biennial International Conference on Nascent Technologies in Engineering (February 2023), held at FCRIT Vashi

Professional Affiliations

- Member of **Computer Society of India (CSI)** since 2012
- Member of **International Association of Engineers (IAENG)** since 2017

FDP/ STTPs/ Guest talks Organized

- Delivered FDP on "**Applications of Artificial Intelligence in Engineering**" at Fr.Agnel Polytechnic, Vashi on 13 March 2023
- Organized "**Hands on Linux**" FDP in January 2016
- Organized "**Python Programming**" FDP in January 2020
- Organized "**Data Analysis using Excel**" FDP in June 2021
- Organized "**Research trends in Information Technology**" FDP in June 2021
- Organized "**Big Data Classification and Visualization**" FDP in March 2022
- Organized a Guest talk on "**Industry applications of Data Science**" in January 2020
- Organized a Guest talk on "**Internet of things :fundamentals and applications**" in January 2020
- Organized a Guest talk on "**Become an Intelligence Designer using Artificial Intelligence**" In August 2020
- Organized a Guest talk on "**Data Analytics:Know the Market**" in February 2021
- Organized a Guest talk on "**PowerBi**" in March 2021
- Organized a Guest talk on "**Robotics and AI applications**" ,April 2022
- Organized a guest talk on "Computer vision in Machine learning" in October 2022

Workshops/ FDP/STTPs attended

- Attended “**Network security and Ethical Hacking**” workshop in Sept 2015
- Attended “**Hands on Linux**” workshop in January 2016
- Attended “**Hands on workshop on Artificial Intelligence and Deep Learning**” in July 2018
- Attended FDP on “**Data Science Using R**” in February 2019
- Attended 5 Days FDP on “**UHV (AICTE)**” May 2020
- Attended FDP on “**Exploring Current Trends in Information Technology**” May 2020
- Attended FDP on “**Innovative trends in Engineering and Technology**” May 2020
- Attended FDP on “**Game Pedagogy in OBE**” June 2020
- Attended FDP on “**Emerging trends in Computer Engineering**” in June 2020
- Attended FDP on “**Outcome Based Education**” in June 2020
- Attended “**Python Programming**” Workshop in January 2020
- Attended “**Data Analysis using Excel**” Workshop in June 2021
- Attended “**Research trends in Information Technology**” Workshop in June 2021
- Attended FDP on “**Pedagogy of Teaching and Tools on E-Content Development for Effective Teaching**” in July 2021
- Attended “**Artificial Intelligence Innovation India Summit 2022**” presented by Accenture.

Subjects Taught

- Data Warehousing & Mining, T.E. & B.E. (Computer)
- Artificial Intelligence & Soft Computing, B.E.(Computer)
- Artificial Intelligence, B.E.,T.E.(Computer)
- Robotics and Artificial Intelligence, B.E.(Computer)
- System Security, B.E. (Computer)
- Analysis Of Algorithms, M.E.(Computer)
- Data Science, M.E. (Computer),
- Data Science Ph.D Coursework