

## Somaiya Vidyavihar University

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<b>Contact No: 022-66449018/9117</b>			
Department/Section: Computer Engineering			
College: K J Somaiya College of Engineering			
DOJ Somaiya: 31/07/2004	Career Experience:23 Yrs	Industry Experience:0 Yrs	Teaching Experience: 23 Yrs
Present Academic Designation: <b>Professor</b>		Present Administrative Designation: Associate Dean (Resource & Infrastructure Management - RIM)	

### Area of research/specialization and Courses Delivered

#### Research domain/interests/areas

1. Cloud Computing
2. Information Security
3. Cryptography

#### Courses Delivered

1. Cloud Computing
2. Distributed Systems
3. Cryptography and System Security
4. Data Structure
5. Analysis of Algorithms
6. Distributed and Cloud Computing
7. Cloud Computing Emerging Technologies

Recognition as a teacher by any University	UG: Yes	PG: Yes	Ph.D : Yes
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#### Details of Recognitions

1. Professor in Computer Engineering Department by Mumbai University vide letter no. TAAS(CT)/TCD/2018-19/2268
2. Assistant Professor in Computer Engineering Department by Mumbai University vide letter no. CONCOL/SA/5584/2006
3. Assistant Professor in Computer Science & Engineering Department by Amravati University vide letter no. AU/8/C-2202/2004
4. Lecturer in Computer Science & Engineering Department by Amravati University vide letter no. AU/8/C-126/99
5. Recognized Ph D guide in Computer Engineering Department by Mumbai University as per the letter no. PF/2/ICD/2017-18/40749
6. Recognized PG Teacher in M E Computer Engineering by Mumbai University as per the letter no. PG/I.C.D./2012-13/ 1048
7. Ph.D. guide in Computer Engineering and Information Technology department at Somaiya Vidyavihar University.

### Education

Examination	Name of the Degree	University/Board	Institute/College	Year	CPI/SPI/ %Marks
Ph.D	Computer Science & Engineering	Sant Gadge Baba Amravati University, Amravati	Sant Gadge Baba Amravati University, Amravati	2017	--
PG	Computer Science & Engineering	Sant Gadge Baba Amravati University, Amravati	College of Engineering, Badnera, Amravati University	2002	66.75
UG	Computer Science & Engineering	Sant Gadge Baba Amravati University, Amravati	Govt. College of Engineering, Amravati, Amravati University	1994	66.15

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<b>Notable Experience Details</b>					
Sr. No	Name of the organization	Designation	Date of Joining	Date of Leaving	Experience (Years)
1.	B N College of Engineering, Pusad	Lecturer	July 21, 1995	March 17, 2004	8.8
2.	B N College of Engineering, Pusad	Asst. Professor	March 18, 2004	July 30, 2004	0.5

<b>Research Accomplishments and Projects</b>		
No of students pursuing Ph.D as on date: 01	No of students completed Ph.D as on date: 0	
No of students completed PG thesis / Project work as on date: 14	No of students / groups completed UG projects as on date: more than 40	
Publications Total: 27	Number of Peer review Journal papers: 08	Number of Conference papers:08

### Details of Publications:

ORCID ID - <https://orcid.org/0000-0002-8405-7332>

Scopus ID - <https://www.scopus.com/authid/detail.uri?authorId=57189040816>

Web of Science Researcher ID <https://www.webofscience.com/wos/author/record/2313135>

Google Scholar - <https://scholar.google.com/citations?user=2mxytgwAAAAJ&hl=en>

### Books/Book Chapters

Name of Book/Title of Chapter	Authors	Publisher / Year	Book/Monograph
Networking Communication and Data Knowledge Engineering, Low-Size Cipher Text Homomorphic Encryption Scheme for Cloud Data	Manish M Potey, Dr. C A Dhote and Deepak H Sharma	2017	Lecture Notes on Data Engineering and Communications Technologies, Volume 4, Networking Communication and Data Knowledge Engineering, book Volume 2, ISBN - 978-981-10-4599-8

### Patents/Copy Rights

- Patent titled 'Combinatorial method for security from cloud' has been published in the Patent Office Journal No. 33/2019 Dated 16/08/2019

No of Research / consultancy / projects completed: Rs: --	No of Research / consultancy / projects on-going: Rs: 40.95	No of Research / consultancy / projects on applied as on date: Rs:
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### Details of Research / consultancy / projects:

#### On-going

- Design and development of a Physical Working Prototype to showcase an optimized algorithm and software for image acquisition and processing using Swarm of Autonomous UAVs (Drones), Funding Agency - NESAC, ISRO, Shillong, Member of KJSCE Team, Rs. 10.95 Lakh
- Security Operations Centre & Cyber-Crime Investigation Laboratory (SOC-CCIL) Rs30 Lakh, funded by Somaiya Vidyavihar University

**FDPs/Seminars/Workshops/Training Programs Attended/ Organized/ Delivered**

**Attended**

1. Attended ICTIEE-2021 conference organized by IUCEE on January 8-10, 2021
2. Attended ATAL FDP on "Framework for Online Assessment" from 12-07-2021 to 16-07-2021 at National Institute of Technical Teachers Training & Research.
3. Attended Leadership Development Program – Phase -1 and 2 organized by K J Somaiya College of Engineering, Mumbai on January 12, 13, April 7, 30 and May 1, 2018
4. Attended GIAN Course ,”Developing iOS apps with SWIFT” on December 11-15, 2017 at VJTI, Mumbai
5. Attended “Pedagogy for Online and Blended Teaching-Learning Process (FDP201X), 14 September to 12 October 2017, (Only Saturday -Sunday)
6. Attended “Foundation Program on ICT in Education" (FDP101x)” IITBombayX , August 3, 2017-September 13, 2017, (Only Saturday -Sunday)
7. Attended Rubrics Development workshop on August 2, 2017 organized by K J Somaiya College of Engineering.

**Organized**

1. The Workshop on Micro-services Foundation - Spring Boot was organized for faculty and students on February 21, 2021
2. Conducted Hands-on Workshop on Nuts, Bolts and Tools for Online Teaching was organized for faculty members on July 6, 2020
3. Training session for usage of Digital XP Pen pad was organized on October 17, 2020.
4. Organized Workshop on GUI Design using Matlab is organized for faculty and students on November 11, 2020
5. Session on MATLAB Grader: Automatic Code Assessment Platform,was organised for faculty members on February 11, 2021
6. Hands-on session on Matlab Tools for students of all branches on July 31, 2018
7. AICTE-ISTE sponsored Refresher / Induction Program on Cloud Computing and Security – June 11-16, 2018
8. Programming with MATLAB by Loren Shure, Mathworks USA on November 14, 2018
9. Organized IBM DB2 Training and Certification for Third Year Engineering students
10. Organized IBM Rational Application Developer (RAD) training and Certification for Computer and IT faculty members
11. Organized several Google App for Education hands on workshop for faculty and staff members of Somaiya Vidyavihar ( SVV) in coordination with SVV IT team.
12. Organized a workshop on “Ethical hacking and Network Security” for B E students on October 10, 2015 – expert Mr. Sachin Dedhia, Founder, Skynet Secure Solutions, Mumbai.
13. Organized a seminar on “Malware Propagation Mechanism & Mitigation Techniques”, Expert Speaker - Mr. Amit Kumar, Co-Founder & Security Engineer, Secure Layer-7, Pune on September 10, 2015.
14. Organized seminar for BE students on “Contemporary Web Technologies & Modern Applications of Distributed Systems” – Expert speaker - Mr Zeneil Ambekar and Mr. Vikram Thyagarajan on April 9, 2015
15. Organized Hands on workshop on “Cyber Crime Investigation and digital Forensics” for ME students on March 23, 2015 – Expert- Mr Sachin Dedhia, Founder, Skynet Secure Solutions, Mumbai
16. Organized a seminar on “High Performance Computing”, for B E students on March 17, 2016-

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Expert Speaker-Ms. Ujwala Bhangale

### Delivered

1. Delivered a expert talk on “ Cloud Security” to third year students of Information Technology Department, KJSCE on March 17, 2022
2. Delivered a expert talk on “ Cloud Computing” to students of Information Technology Department, KJSCE on April 9,, 2019
3. Conducted a hands on workshop on “Use of ICT in Education” at , Pankaj Laddhad Institute of Technology and Management Studies, Buldhana on February 16, 2019
4. Conducted a hands on workshop on “Use of ICT in Education” at , IBSS’s Dr. Rajendra Gode Institute of Technology & Research, Amravati on September 25, 2018
5. Conducted Hands on workshop on Google Classroom for faculty members of Mechanical Engineering, Electronics Engineering and Electronics & Telecommunication Engg. Department, KJSCE, Mumbai
6. Training for newly joined faculty members regarding Purchase Processes and GoogleApp on January 3, 2018
7. Delivered a talk for M Tech Information Security students on “ Cloud Computing Security” on April 7, 2017
8. Conducted Hands on session on “Open Stack” in Short Term Training Program (STTP) organized by Department of Computer Engineering, on December 8, 2016
9. Delivered a Lecture for Third Year Engineering student on “How to Read Technical Paper”
10. Demonstrated the use of Google classroom to Faculty members of Computer Engineering Department in November, 2012.
11. Delivered a talk for ME Information Security students on “ Modern Stream Cipher” on November 21, 2014

### Notable Key Scholastic Achievements

1.	Best Paper Award at International Conference on Science and Technology & Sustainable Development, (ICSTSD-2016), Prof Ram Meghe Institute of Technology & Research, Badnera, Amravati on May 24-26, 2016
2.	Best Teacher Award for the year 2015-16 of Computer Engineering Department, KJSCE

### Notable Positions and Responsibility

1.	Reviewer of IEEE Access Journal
2.	Reviewer of Indian Journal of Science and Technology
3.	Member Board of Studies, Computer Engineering , K J Somaiya Polytechnic , Mumbai
4.	Member Local Inquiry Committee, Mumbai University
5.	Life Member of Indian Society of Technical Education, New Delhi, India
6.	Life Member Computer Society of India

Date: 13/ 02 / 2023

Signature of Faculty Member