

Somaiya Vidyavihar University

Name: Shivani Mahesh Deosthale		E-mail: shivani.d@somaiya.edu	
Contact No: 9820698801			
Department/Section: Computer Engineering			
Institute / School : K J Somaiya School of Engineering			
DOJ Somaiya: 6 March 2024	Career Experience: 21 Yrs	Industry Experience: 1.5 Yrs	Teaching Experience: 19.5 Yrs
Present Academic Designation: Assistant Professor		Present Administrative Designation: -----	

Area of research/specialization and Courses Delivered
<p>Research domain/interests/areas</p> <ol style="list-style-type: none"> 1. Information theory coding and Network Security 2. ML <p>Courses Delivered</p> <ol style="list-style-type: none"> 1. Computer Networks 2. Information Security 3. Discrete Mathematics 4. Information theory and coding 5. Digital design 6. Python, C programming 7. Project Based Learning, etc

Recognition as a teacher by any University	UG: No	PG: No	Ph.D : No
Details of Recognitions			
<ol style="list-style-type: none"> 1. 2. 			

Education					
Examination	Name of the Degree	University/Board	Institute/College	Year	CPI/SPI/ %Marks
Ph.D					
PG	M.E. (Electronics)	University of Mumbai	FRCRCE Bandra	2008	71.62%
UG	B.E. (Electronics)	University of Mumbai	DMCOE, Navi Mumbai	1994	62%
Diploma					
NET/SET/Other					

Notable Experience Details					
Sr. No	Name of the organization	Designation	Date of Joining	Date of Leaving	Experience (Years)
1.	Shah And Anchor Kutchhi College of Engineering, Chembur	Assistant Professor	22 January 2001	19 January 2017	16 years
2.	Datta Meghe Engineering College,	Lecturer	7 August 2000	16 January 2001	5 months

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	Navi Mumbai				
3.	IIT B	Research Assistant	25 January 1999	7 August 2000	1.5 years

Research Accomplishments and Projects		
No of students pursuing Ph.D as on date: ----		No of students completed Ph.D as on date:-
No of students completed PG thesis / Project work as on date: 07		No of students / groups completed UG projects as on date: more than 25
Publications Total: 06	Number of Peer review Journal papers: 05	Number of Conference papers: 01
Details of Publications: International Journals <ol style="list-style-type: none"> 1. Harsh Varudkar, Shivani Deosthale, Jalpa Mehta, "Collaborative Recommendation System Based On Hadoop", January 2017, volume 6 Issue 1, GJRA - GLOBAL JOURNAL FOR RESEARCH ANALYSIS, ISSN: 2277 2 8160, PP: 102-103 2. Smitesh Salian, Shivani Deosthale, Kranti Ghag, "A Novel Approach to Resist Shoulder Surfing Attack", Volume 3 Issue 5, Sep - Oct 2016, International Journal of Computer Techniques (IJCT Journal), ISSN :2394 2231, PP: 37-40 3. Komal Waykole, Shivani Deosthale, Smita Bansod," Secure Dynamic Groups Auditing Service with Group signature for Cloud Storage", June 2015, Volume 3 Issue 6, International Journal on Recent and Innovation Trends in Computing and Communications (IJRITCC), ISSN:2321-8169, PP:4100-4103. 4. Pallavi Marathe, Shivani Deosthale, Rashmi Chavan," Two level Security for Cloud Storage with Data Deduplication", June 2015, Volume 3 Issue 6, International Journal On Recent and Innovation Trends in Computing and Communications (IJRITCC), ISSN:2321-8169, PP:4090-4093. 5. Rohini Gaikwad, Vaishali Ghate, Jalpa Mehta," Independent Access to Encrypted Cloud Databases", Journal of Research in Computer Application and Management, ISSN 2231-1009, Volume 5, Issue 6, June 2015. National Journals <ol style="list-style-type: none"> 1. 2. Conferences <ol style="list-style-type: none"> 1. Prathamesh Churi, Vaishali Ghate, Kranti Ghag, "Jumbling-Salting: An improvised approach for password encryption", November 2015, International Conference on Science and Technology (TICST) 2. Books/Book Chapters <ol style="list-style-type: none"> 1. 2. 		
Patents/Copy Rights <ol style="list-style-type: none"> 1. 2. 3. 		
No of Research / consultancy / projects completed: Rs:	No of Research / consultancy / projects on-going: Rs:	No of Research / consultancy / projects on applied as on date: Rs:
Details of Research / consultancy / projects: Completed		

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1. 2. On-going 1. 2. Applied 1. 2.
IPR/ Copyrights 1. 2.

FDPs/Seminars/Workshops/Training Programs Attended/ Organized/ Delivered
Attended <ol style="list-style-type: none"> 1. ISTE approved one-week STTP on Business Intelligence: Unlocking Insights with Tools at KJSSE 2. ISTE approved one week FDP on Revolutionizing Education with AI: Next Gen TOOLS organized by St Francis Institute of Technology, Mumbai 3. One-day workshop on VLSI design with VHDL in TSEC, Bandra. 4. CEP four weekends on Elements of microelectronics in IIT Mumbai. 5. One-day workshop on Advanced digital communication in VESIT, Chembur 6. ISTE- STTP for two weeks on Digital communication with recent developments in DJSCE, Vile Parle. 7. One-day workshop on Power electronics in Fr. CRCE, Bandra. 8. AICTE-ISTE STTP one-week seminar on VLSI & embedded system in Fr. CRCE, Bandra. 9. ISTE STTP one week on Effective communication and life skills in DJSCE, Vile Parle. 10. One-day workshop on Microprocessor and microcontroller in SAKEC, Chembur. 11. Four-day workshop on Best practices in Network simulator-2 in St. Xavier's Institute, Mahim. 12. One-day workshop on Advanced Networking technology in SAKEC, Chembur. 13. ISTE STTP one week on Presentation and Effective teaching techniques in SAKEC, Chembur. 14. One-day FDP Workshop on Emotional Intelligence in SAKEC, Chembur. 15. One-day Workshop on Software Testing Automation Tools in SAKEC, Chembur. 16. ISTE Workshop on Software Development in SAKEC, Chembur. 17. STTP on Techniques for Teachers of Engg & Science Institutes: IIT-B & K. J. Somaiya College of Engineering, Vidyavihar 18. ISTE STTP on Wireless Communication & Mobile Technology in SAKEC. 19. ISTE STTP on research Methodologies in K. J. Somaiya I.T., Sion 20. ISTE STTP on Advanced Communication Systems in SAKEC, Chembur 21. ISTE STTP on Research Methodologies and recent trends in SAKEC, Chembur 22. ISTE STTP on Cyber Security Tools and Techniques in SAKEC, Chembur 23. National 3-day workshop on Cyber security and Hacking tools in RAIT, Nerul
Organized <ol style="list-style-type: none"> 1. Three-day workshop on VLSI design at SAKEC, Chembur 2. One-day Workshop on Software Testing Automation Tools at SAKEC, Chembur 3. One-week ISTE STTP on Wireless Communication & Mobile Technology at SAKEC Chembur
Delivered <ol style="list-style-type: none"> 1. Guest Lecture on Career Paths with Data Science at Swayam Siddhi Degree College, Bhiwandi, Thane 2. Guest Lecture on Introduction to Discrete Mathematics at Adarsh Institute of Technology and Research Center, Vita, Sangli 3. A seminar on Rules and layout in VLSI at SAKEC, Chembur 4. A seminar on VHDL and practices in Fr. CRCE, Bandra 5. Workshop on LaTeX in ISTE approved STTP in SAKEC, Chembur
Notable Key Scholastic Achievements

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1.	
2.	

Notable Positions and Responsibility	
1.	
2.	

Date: 28 / 10 / 2025

Shivani M D
Signature of Faculty Member