Somaiya Vidyavihar University

Name: Abhijeet A. Pasi	**E-mail: abhijeet.p@somaiya.edu**

Contact No:
Department/Section: Computer Engineering
Institute / School : K J Somaiya School of Engineering

DOJ Somaiya: 01/02/2023	Career Experience:_16__ Yrs	Industry Experience: 01__ Yrs	Teaching Experience:__15_Yrs
Present Academic Designation: (Assistant Professor)		Present Administrative Designation: NA	

Area of research/specialization and Courses Delivered
Research domain/interests/areas   1. Cyber Security   2. Artificial Intelligence and Data Science   Courses Delivered   1. Computer Network   2. Secure Coding

Recognition as a teacher by any University	UG: Yes	PG: No	Ph.D : No
Details of Recognitions 1. Somaiya Vidyavihar University 2.			

Education					
Examination	Name of the Degree	University/Board	Institute/College	Year	CPI/SPI/ %Marks
Ph.D	Computer Engineering (Pursuing)	SVU	K J Somaiya School of Engineering		
PG	Computer Engineering	Mumbai	Shah and Anchor Kutchhi Engg. College	2014	8.38
UG	Computer Engineering	Mumbai	Rajiv Gandhi Institute of Technology	2009	67.00
Diploma	Computer Engineering	MSBTE	M M J Shah Polytechnic	2006	73.12
NET/SET/Other					

Notable Experience Details					
Sr. No	Name of the organization	Designation	Date of Joining	Date of Leaving	Experience (Years)
1.	Hurix System	Flash Integrator	Jul- 2009	Dec 2009	0.6
2.	Tata Communication System	Network Engineering	Jan 2010	Jul-2010	0.6
3.	Shah and Anchor Kutchhi Polytechnic	Lecturer	Jul-2010	Mar -2021	11
4.	Shah and Anchor Kutchhi Engineering College	Assistant Professor	Apr -2021	July - 2021	0.4
5.	Fr. C. Rodrigues Institute of Technology	Assistant Professor	Jul – 2021	Jul – 2022	1
6.	Pillai College of Engineering	Assistant Professor	Jul – 2022	Jan – 2023	0.6

7.	K J Somaiya School of Engineering	Assistant Professor	Feb – 2023	Till Date	

Research Accomplishments and Projects

No of students pursuing Ph.D as on date: NIL	No of students completed Ph.D as on date: NIL
No of students completed PG thesis / Project work as on date: NIL	No of students / groups completed UG projects as on date: 04

Publications Total: 15	Number of Peer review Journal papers: 01	Number of Conference papers: 14

Details of Publications:

International Journals

1. Designing a Composite Consensus Algorithm to Bridge Blockchain Security, Efficiency, and Scalability. Abhijeet A Pasi, Irfan N A Siddavatam, Ashwini Dalvi January 2025 Procedia Computer Science, Volume 257, Issue https://doi.org/10.1016/j.procs.2025.03.163
2.

National Journals

1.
2.

Conferences

1. Research paper with the title "Exploring Community Detection Algorithms for Analyzing Dark Web Networks" at the 8th International Conference on Computing, Communication, Control and Automation (ICCUBEA-2024) (IEEE Conference Record Number 61740) in August 2024
2. Presented a Research paper with the title of AlgoComp: Visualization Tool for Path-Finding Algorithms at International Conference on Technology 4 Education (T4E 2023) is organized by the EdTech Society, India, and hosted by IIT Bombay.
3. Presented a Research paper with the title "Enhancing Flood Hazard Detection and Alert Mechanism through Wireless Sensor Networks and NodeMCU" at the International Conference in July 2023.

Books/Book Chapters

1.
2.

Patents/Copy Rights

1. Evaluating Possibility Of Geo-Spatial Blockchain For Land Registry Application L-156863/2024 Dr. Irfan Siddavatam, Dr. Ashwini Dalvi, Mr. Abhijeet Pasi, Mr. Param Thakkar in 2024
2. Floodsight- satellite image classification algorithm for accurate flood mapping, L- 148906/2024   Dr. Nilkamal More Prof. Suchitra Patil, Abhijeet Pasi in 2024

No of Research / consultancy / projects completed: Rs: NIL	No of Research / consultancy / projects on-going: Rs: 0	No of Research / consultancy / projects on applied as on date: Rs:0

Details of Research / consultancy / projects: NIL

Completed

1. NIL

On-going

1. NIL

Applied

1. NIL

IPR/ Copyrights

1.

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

Somaiya Vidyavihar University

Attended
1. --   2.
Organized
1. --   2.
Delivered
1. --   2.

Notable Key Scholastic Achievements	
1.	
2.	

Notable Positions and Responsibility	
1.	
2.	

Date: 07 /   07 / 2025   **Signature of Faculty Member**