

Somaiya Vidyavihar University

Name: Mr. Ankit Dilip Khivasara			E-mail: ankit.khivasara@somaiya.edu		
Contact No: 022-66449330					
Department/Section: EXTC					
College: K J Somaiya College of Engineering					
DOJ Somaiya: 1 July 2012		Career Experience: 11 Yrs		Industry Experience: Nil	
				Teaching Experience:11 Yrs	
Present Academic Designation: Assistant Professor			Present Administrative Designation:-		

Area of research/specialization and Courses Delivered	
Research domain/interests/areas	<ul style="list-style-type: none"> • Deep learning • Signal Processing • Image Processing • Digital Logic Design • Algorithm and solution development • Software implementations • Natural Language Processing
Courses Delivered	<ul style="list-style-type: none"> • Deep learning and fuzzy logic • Python programming • Data Structure and analysis of algorithm • Neural Network and Fuzzy Logic • Principles of C programming • Digital Logic Design • Operating System • Speech Processing • Discrete time signal processing • Numerical Technique • Television engineering • Electronic Instrumentation and Measurement

Education					
Examination	Name of the Degree	University/Board	Institute/College	Year	CPI/SPI/ %Marks
PG	M.Tech.	IIT Roorkee	IIT Rookee	2011	8.18
UG	B.E.	University of Mumbai	K J Somaiya COE	2009	63.38

Notable Experience Details					
Sr. No	Name of the organization	Designation	Date of Joining	Date of Leaving	Experience (Years)
1.	A C Patil COE	Assistant Professor	1 Dec 2011	30 May 2013	1.5
2.	K J Somaiya COE	Assistant Professor	1 July 2013	till date	9.5

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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: 14
Publications Total: 5	Number of Peer review Journal papers: 0	Number of Conference papers: 5
Details of Publications: International Journals 1. NIL National Journals 1. NIL Conferences 1. Akshit Tayade, Vidhi Sejal and Ankit Khivasara, "Deep Learning Based Product Recommendation System and its Applications", IRJET 2021. 2. Radhika Ganapathy, Preeti Poddar, Varada Harikumar and Ankit Khivasara, "Learning Tools for the Visually Impaired", IRJET 2021. 3. Shubh Mody, Hriday Mehta, Pragun Mantri, Bushra Ali and Ankit Khivasara, "Safety Gear Equipment Detection for Warehouse and Construction Sites Using YOLOv5", IRJET 2021. 4. Abhishek Kumbhar, Sagar Gowda, Ruchir Attri, Anjaneya Ketkar, Prof. Ankit Khivasara "Colorization of Black and White Images Using Deep Learning", IRJET 2021. 5. J Nainani, N Taterh, MA Rashid, A Khivasara "Feature-Rich Long-term Bitcoin Trading Assistant" 2nd international conference on intelligent vision and computing (ICIVC 2022). Books/Book Chapters 1. NIL		
Patents/Copy Rights 1. NIL		
No of Research / consultancy / projects completed: Rs: <u>NIL</u>	No of Research / consultancy / projects on-going: Rs: <u>NIL</u>	No of Research / consultancy / projects on applied as on date: Rs: <u>49000/- (not selected)</u>
Details of Research / consultancy / projects: Completed 1. NIL On-going 1. NIL Applied 1. "Economically viable system that can predict and detect heart attacks" submitted to MU (not shortlisted)		
IPR/ Copyrights 1. NIL		

FDPs/Seminars/Workshops/Training Programs Attended/ Organized/ Delivered
Attended <ul style="list-style-type: none"> • "Modern Digital Design and Embedded System", 1-2 March 2014, SPIT, Mumbai. • "Neural Network & Fuzzy Logic", 17 July, 2015, VESIT Mumbai. • "LabVIEW and Data Acquisition", 24-28 Aug 2015, KJSCE Mumbai. • "Multi-rate, Wavelet Transform and its Application", 18-19 March 2016, KJSCE Mumbai. • "Embedded systems and Internet of Things (IoT)", 24 May-17 June 2016, EduVance Mumbai • "Lateral thinking", 11 Feb 2019, TCS and KJSCE Mumbai. • "Security Audit Training", 2-3 Dec 2016, KJSCE Mumbai • "Introduction to Data structures and Programming in C", 1-10 July 2017, IIITDM Jabalpur.

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<ul style="list-style-type: none"> • “Deep Learning With Applications in Language, Vision & Control”, 4-17 Dec 2017, TCE Madurai, Tamil Nadu. • “Front End VLSI Design and Verification”, 24-29 June 2019, SPIT Mumbai. • AICTE-ISTE Approved One Week Short term Training Program on "Networking Fundamentals with Hands on Training (in Collaboration with CISCO Networking Academy)", 1-5 July 2019, EduSkills Foundation CISCO network academy. • “Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning”, 18 June 2020, deeplearning.ai and Coursera. • “Excel Skills for Business: Essentials”, 5 Aug 2020, Macquarie University and Coursera. • “CCNAv7: Switching, Routing, and Wireless Essentials”, 19-23 Dec 2020, EduSkills Foundation CISCO network academy. • “CCNAv7: Enterprise Networking, Security, and Automation”, 24 Dec-03 Jan 2021, EduSkills Foundation CISCO network academy.
Organized 1. NIL
Delivered 1. NIL

Notable Key Scholastic Achievements	
1.	Qualified in <i>GATE</i> 2009(EC) with an all India <i>Rank</i> of 617 and <i>gate score</i> 610.

Notable Positions and Responsibility	
1.	Department placement coordinator
2.	Department feedback committee coordinator/member
3.	Department result analysis committee coordinator
4.	Department exam committee member

Date: 07 / 02 / 2023

Signature of Faculty Member