Somaiya Vidyavihar University

Name:	NITIN SUBHASH NAGORI	E-mail: nitinnagori@somaiya.edu
Contact No: 022-66449315		
Department/Section: Electronics and Telecommunication Engineering		
College: K J Somaiya College of Engineering		

DOJ omaiya:1/1/2001	Career Experience:31Yrs	Industry Experience:	Teaching Experience: 31Yrs
Present Academic Designation: Assistant Professor		Present Administrative Designation:	

Area of research/specialization and Courses Delivered

Research domain/interests/areas :Digital Signal Processing
Courses Delivered : Digital Signal Processing 2. Digital Image Processing 3. Network Security

Recognition as a teacher by any University	UG: Yes	PG: Yes	Ph.D :

Details of Recognitions:
1. Full time Lecturer in Electronics and Telecommunication, Approved by University of Mumbai (CONCOL/SA/2127 of 2003, Dated 06/05/2003).
2. Recognized as PG Teacher of University of Mumbai for the M. E. in Electronics and Telecommunication Engineering (Reference- PG/I.C.D/2015-16/16812, Dated 27/11/2015)

Education

Examination	Name of the Degree	University/ Board	Institute/College	Year	CPI/SPI/ %Marks
PG	M E Electronics & Telecommunication Engg	University of Mumbai	K J Somaiya College of Engineering	August 2013	63.35 % First Class
UG	B E Electronics & Telecommunication Engg	Marathwada University	Jawaharlal Nehru Engineering College	A/M 1987	60.7% First Class

Notable Experience Details

Sr. No	Name of the organization	Designation	Date of Joining	Date of Leaving	Experience (Years)
1.	K J Somaiya College of Engineering	Assistant Professor	01/01/2001	---	22

Research Accomplishments and Projects

No of students completed PG thesis / Project work as on Date: 8+	No of students / groups completed UG projects as on date:22+

Publications Total:12	Number of Peer review Journal papers:1	Number of Conference papers:11

Details of Publications:
International Journals
1. Shivali D. Kulkarni, Ameya K. Naik and Nitin S. Nagori, "2D Image Transmission Using Bandwidth Efficient Mapping Technique", *International Journal of Image and Graphics* (IJIG),Vol. 10, No. 4, Oct. 2010, pp 559-573.

Conferences
2. Ameya K. Naik and Nitin S. Nagori," Optimal Modulation Techniques for Image Transmission on a Wireless OFDM System", Proc. SPIT-IEEE Colloquium and International Conference, Mumbai, Feb.4-5, 2008.
3. Shivali D. Kulkarni, Ameya K. Naik, and Nitin S. Nagori, "A Comparison of Real Valued Transforms for Image Compression", Fifth International Conference on Signal and Image Processing World Academy of Science Engineering and Technology, WCSET 2008 Congress Heidelberg, Germany, September 24-26, 2008, pp-504-508.
4. Fahad A Khan, Nitin Nagori and Ameya Naik, "Helmet and Number plate detection of Motorcyclist using Deep learning and Advanced Machine vision Techniques", 2020 Second International Conference on Inventive Research in Computing Applications (ICIRCA), DOI: 10.1109 / ICIRCA48905. 2020, 15-17 July 2020 International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC), ISSN: 2321-8169, pp-259-261

Somaiya Vidyavihar University

5. Harish Patil, Nitin S Nagori, "Image Forgery Detection Using Adaptive Oversegmentation and Feature Matching", International Conference On Emanations in Modern Technology and Engineering (ICEMTE-2017), ISSN: 2321-8169, Volume: 5 Issue: 3, pp-259-264

6. Aboli Patil, Nitin Nagori, "Analytical RDH Approach for Image processing using Reversing Room before Encryption "International Conference on Recent Innovations in Engineering, Science and Technology held on 18 September 2016. ISSN/ISBN No.: ISBN: 978-93-85832-29-1, pp-17-22

7. A secure watermarking Technique for Protection of Images against Copyright Violation, ICATE 2K18, at Datta Meghe COE.(6-7 April 2018)

8. Enhanced Fingerprint recognition Algorithm for Authentication, ICATE2K18, at Datta Meghe COE.(6-7 April 2018)

9. Jeenal Rambhia, Ameya Naik and Nitin Nagori, "Arrhythmia Detection and Classification using ECG Morphology Features", ICATE-2019, Datta Meghe COE.(4-5 April 2019)

10. Facial biometric privacy using visual Cryptography: A fundamental approach to enhance the security of facial data. ICATE-2019, Datta Meghe COE.(4-5 April 2019)

11. Ameya K. Naik, Shivali D. Kulkarni, and Nitin S. Nagori, "A Bandwidth Efficient Technique for Image Transmission over Fading Channels", National Conference on Wireless Communication and Networking, L&T Institute of Technology, Mumbai, January 9-10, 2009, pp 261-268.

12. Ameya K. Naik, Shivali D. Kulkarni and Nitin S. Nagori," Analysis of a Face Location Algorithm for Biometric Identification", National Conference on Recent Advances in Computer and Communications, V.I.T., Mumbai, September 29-30, 2008, pp 288-291.

No of Research / consultancy / projects completed: 01Rs:20000	No of Research / consultancy / projects on-going:01	No of Research / consultancy / projects on applied as on date:
Research project completed: Examiner Authentication and Paperless Data Compilation using Smart Card and Biometrics, Minor research Grant by University of Mumbai. (2014)		

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

1. AICTE-ISTE approved one week induction/refresher programme "Neural Network and Deep Learning using Tensor flow" at SIES Graduate school of Technology (1/1/2019 to 5/1/2019).
2. CCNA-1,CCNA R&S: Introduction to Networks, July 2019, at KJSC. (One Week).
3. CCNAv7-2, CCNAv7: Switching, Routing, and Wireless Essentials, 23 Dec 2019,(Remote Batch) (One Week Course).
4. CCNAv7-3 CCNAv7: Enterprise Networking, Security, and Automation, 3 Jan 2020, (Remote Batch) (One Week Course).
5. eSim a First Course in the IoT Series for Teachers on 21 September 2019, Under the aegis pf Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching at Shree L. R. Tiwari College of Engineering.
6 AICTE sponsored one week short term course on "Engineering Economics" organized by Department of Mechanical Engineering, IIT Varanasi, from September 18-23, 2017.
7. ISTE approved one week short term training programme on " Wavelet Transform and its Applications: Hands on" organized by the Department of Electronics Engineering, KJSCE, Mumbai.(December 19-23,2016).
8. ISTE approved Two weeks Faculty Development Program on "Research Methodologies for Ph. D Aspirants organized by K. J. Somaiya Institute of Engineering and Information Technology" (May 2014).
9. Continuing education by participating in Instructor Professional Development Week (May and Sep 2019) hosted by the Technical Field Cisco Networking Academy.
10 Actively participated in KJSCE Conclave 2018, KJSCE Conclave 2019,. Presented Use of Quiz as an Effective Assessment Tool at KJSCE Conclave 2019.(Part of Quality week held on July2019."
11. Introduction to calibration Philosophy and Practices, 3 days course organized by Institute for Design of Electrical Measuring Instruments, Mumbai (17/6 to 19/6/2004).
12. Work shop on Art of Conducting Laboratory, Organized by D J Sanghvi College, 2 days(2, 3 Sep 2005).
13. Attended PG Level Audit Course in Signals and System, Organised by DEP, Kanwal Rekhi School of Information Technology,(Jan –May 2003).

Notable Positions and Responsibility

1. Incharge Examination K J Somaiya College of Engineering.

Date: 07 / 02 / 2023