

Somaiya Vidyavihar University

Name: Amrita Naiksatham		E-mail: aynaiksatham@somaiya.edu	
Contact No: 02266449220			
Department/Section:Electronics			
College: K J Somaiya College of Engineering			
DOJ Somaiya: 01/12/2006	Career Experience:17 Yrs	Industry Experience:1Yrs	Teaching Experience:17Yrs
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. VLSI Design 2. MEMS 3. Object oriented programming <p>Courses Delivered</p> <ol style="list-style-type: none"> 1. BVLSI Design 2. Integrated Circuit Technology 3. Basics of Electronic Circuits 4. Theory of Automata 5. OOPS

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

Education					
Examination	Name of the Degree	University/Board	Institute/College	Year	CPI/SPI/ %Marks
Ph.D					
PG	ME ETRX	Mumbai	KJSCE	2012	74
UG	BE ETRX	Mumbai	DMCE	2005	68
Diploma	IE	MSBTE	SP	2002	76
NET/SET/Other					

Notable Experience Details					
Sr. No	Name of the organization	Designation	Date of Joining	Date of Leaving	Experience (Years)
1.					
2.					

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:		No of students / groups completed UG projects as on date:
Publications Total:	Number of Peer review Journal papers:	Number of Conference papers:
Details of Publications:		
International Journals		
1. "Comparison of MOSFET and MESFET using Visual TCAD tool", International Journal of Scientific and		

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<p>Technical Research in Engineering (IJSTRE), Apr 2021, ISSN: 2581-9941</p> <p>2. "Review and Implementation of Basic Building Blocks of Neuronal Structure using Spice", International Journal of Electronics, Electrical and Computational System, April 2017.</p> <p>Conferences</p> <p>1. "A Comparative Study on Interactive Digital Classrooms: Edmodo and Google", IEEE tenth international conference on technology for education, T4e, December 2019</p> <p>2. "Effective online assessment and evaluation through online laboratory work submission for technology enhanced learning", IEEE ninth international conference on technology for education, T4e, December 2018</p> <p>3. "Sub-vocal recognition system for vocally disabled", 'Second National Conference on Biotechnology, Bioinformatics and Bioengineering' held on 24-25 February 2012 at Kolhapur, Maharashtra. National Journals</p>		
Patents/Copy Rights		
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:
<p>Details of Research / consultancy / projects:</p> <p>Completed</p> <p>On-going</p> <p>Applied</p>		
IPR/ Copyrights		

FDPs/Seminars/Workshops/Training Programs Attended/ Organized/ Delivered	
<p>Attended</p> <ol style="list-style-type: none"> One Week Offline ATAL FDP on Semiconductor Digital System Design and Verification 11th to 16th December 2023. Two Weeks Online National Level Faculty Development Program On "Devops" during the period of 28th Aug 2023 to 08th Sep 2023 Organized by Department of Information Technology of Army Institute of Technology in association with AIT CSI Branch. One week Phase-I training on Industrial Automation from November 28, 2021 to Dec 5, 2022 Attended a workshop on "Nanotechnology" conducted by VJTI, March 2020 Attended a workshop on "Laboratory Experimentation with Cadence Tool set for Analog VLSI Design" at SPIT, Andheri from 14th to 15th December 2017. Attended AICTE approved STTP on "CMOS: Analog VLSI", at SPIT, Andheri from 7th to 12th December 2017. Attended AICTE sponsored FDP on "System Design- Device to Application", at SPIT, Andheri from 4th May to 15th May 2015. Attended "Nanofabrication workshop: MOS cap" at IITB from 11th January to November to 15th January 2016. Attended "Nanofabrication Familiarization workshop" at IITB from 28th November to 30th November 2015 	
<p>Organized</p> <ol style="list-style-type: none"> Coordinator for AICTE-ISTE approved one week Short term training program on "Industrial IoT system design from sensing to mitigation" from June 10 to June 14 2019 Coordinator for AICTE-ISTE approved STTP on "Sensor technology and Innovations" from 4th December to 9th December 2017 at K. J. Somaiya College of Engineering 	
<p>Delivered</p> <ol style="list-style-type: none"> Guest Speaker for a session on "Smart sensors" for SE EXTC students of FCRIT on 5th Oct 2023 Resource person for a seminar conducted at K.J. Somaiya College of Engineering, about facilities available at Center of Excellence lab on Industrial Automation at KJSCE Resource person for a webinar conducted at K.J. Somaiya Institute of Engineering and Information Technology about facilities available at Center of Excellence lab on Industrial Automation at KJSCE on April 7th 2022 Resource person for a seminar conducted at New Horizon College of Engineering, Thane about 	

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facilities available at Center of Excellence lab on Industrial Automation at KJSCE on March 8 th 2022.

5. Guest Speaker for the topic on “Projects in IoT Domain” Vivekanand College of Engineering,Chembur, September 2019

Notable Key Scholastic Achievements

1.	
2.	

Notable Positions and Responsibility

1.	
2.	

Date: 03 / 01 / 2024

Signature of Faculty Member