

Somaiya Vidyavihar University

Name: Sonia Joshi		E-mail: soniajoshi@somaiya.edu	
Contact No: 8879542062			
Department/Section: Electronics Engineering			
College: K J Somaiya College of Engineering			
DOJ Somaiya:8-10-2012	Career Experience:13 Yrs	Industry Experience: 0_Yrs	Teaching Experience:13 Yrs
Present Academic Designation: Assistant Professor)		Present Administrative Designation:	

Area of research/specialization and Courses Delivered	
Research domain/interests/areas 1. Antenna and Microwaves 2. Communication Courses Delivered 1. Electromagnetic Engineering 2. Electronic Devices 3. Full Stack Development 4. Elements of Electrical and Electronics Engineering 5. Web Programming Language 6. Basic Electronic Circuits 7. Electronic Circuit Analysis and Design 8. Python Programming 9. Elements of Electrical and Electronics Engineering	

Recognition as a teacher by any University	UG: Yes	PG: Yes	Ph.D : No
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Education					
Examination	Name of the Degree	University/Board	Institute/College	Year	CPI/SPI/ %Marks
PG	M.Tech	Graphic Era	Graphic Era University	2012	76
UG	B.Tech	HNB Garhwal	GEIT	2008	82

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:02	Number of Conference papers:02
Details of Publications: International Journals 1 paper Name : “Case Study: Improvement of course outcomes of EEEE with the help of innovative teaching methodologies and changes in laboratory experiments” Journal of Engineering Education Transformations 2020, ,voll.33 No- 6 eISSN 2394-1707		

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2. Paper Name: “ case study : Integrated Inhouse Textbook Companion Internship”, Journal of Engineering Education Transformations, Volume No 35, January 2022, Special issue, eISSN 2394-1707

Conferences

- Research Paper in IEEE International Conference CSPCC-2011
Paper Name: “Study the effect of substrate thickness & permittivity on patch antenna”.
- Research paper in National Conference On “Advances in Computer Sciences, Communication and Information Technologies” (ACSCIT – 2012) at Jawaharlal Nehru University, New Delhi, India on 28th July 2012
Paper Name: Design of DGS slot Micro strip Patch Antenna.

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

Attended

1. Attended Six-Day Online Faculty Development Program on “Full Stack Development”, on 11th July - 16th July , 2022.
2. Attended Six-Day Online Faculty Development Program on “Sensor Technology”, on 5th July -10th July , 2021.
3. Attended a “ One day workshop on Arduino” held at K. J. Somaiya college of Engineering on 8th feb, 2020.
4. NPTEL Online Certification of “C Programming and Assembly Language” on July-Oct 2019.
5. NPTEL Online Certification of “The Joy of Computing using Python” on July-Oct 2019.
6. Attended a STTP on “Industrial IoT System Design from Sensing to Mitigation” held at K. J. Somaiya college of Engineering on June 10th -14th , 2019.
7. Attended One week AICTE-ISTE approved STTP on "Linear Algebra, Statistics and Modelling, 8th-12th January. 2019 at KJSCE, Vidyavihar.
8. Attended One week AICTE-ISTE approved STTP on "Sensor Technologies and Innovations", 4th-9th December 2017 J at KJSCE,Vidyavihar.
9. Attended One week AICTE-ISTE approved CAS STTP on "Advances in RF communication and Antenna design", 19-23rd June. 2017 at Sardar Patel Institute of Technology, Mumbai.
10. Attended Two day workshop on “Evaluation and Teaching”, on 22nd-23rd October 2016 organized by IQAC, KJSCE Vidyavihar.
11. Attended One day workshop on “Experiential Learning”, on 4th July 2016 organized by IQAC, KJSCE Vidyavihar
12. Two week ISTE STTP on “Technical Communication” conducted by IIT Bombay from 8 Oct to 5 Dec, 2015.
13. Two days ISTE Workshop on ”Research Methodologies” conducted by IIT Bombay on Feb 2 and Feb 9, 2013.

Organized

1. Three days workshop on “Industry 4.2 and Smart Manufacturing:, Organized by department of Electronics Engineering” from Feb 2-Feb 4, 2023
2. Workshop on Analog Electronics by IIT KGP,2013, Nodal centre K J Somaiya College of Engineering
3. One Day Workshop on “ Data Acquisition using Lab VIEW” organized by Department of Electronics,

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KJSCE on 1st FEB,2014. 4. Two Day Workshop on “MATLAB and SIMULINK” organized by Department of Electronics, KJSCE on 7th and 8th Jan, 2014.	
Delivered	1. One day Guest Lecture on smith chart for Students at KJSCE, vidyavihar,2014

Notable Key Scholastic Achievements	
1.	Research Grant for smart Energy meter by Mumbai University in 20219
Notable Positions and Responsibility	
1.	Website in charge Department(2015-2022)
2.	Thrust Area Coordinator(Communication)
3.	Magazine Committee in charge(College level)

Date: 7 / 02 / 2023

Signature of Faculty Member