

**Mrs. Sheetal Girish Jagtap**  
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### **Professional Objective**

Seeking a challenging environment that encourages continuous learning and creativity, provides exposure to new ideas, and stimulates personal and professional growth in the areas of Teaching.

### **Professional Experience**

- Working as Assistant Professor in K.J.Somaiya Institute of Engg. & Information Technology, Sion, Mumbai since May 2006 to till date.
- Worked as Lecturer in L & T Institute of Technology, Powai, Mumbai for one year.

### **Educational Qualification**

- **Pursuing PhD** from Thadomal Sahani Engineering college, Bandra, Mumbai University .
- **M.E.(Electronics & Telecommunication)** – Masters Degree in Electronics & Telecommunication Engineering – from Terna Engineering College, Nerul, Mumbai University in May 2011 with 69 %
- **B.E. (Electronics)** - Bachelors of Electronics Engineering from Pravara Rural College of Engineering , Pune, in May 2003 with 60%
- **Diploma in Electronics & Radio Engg.** - from Government Polytechnic, Aurangabad, in May 2000 with 83%
- **H.S.C.** from Mahatma Gandhi Junior College, Pravaranagar, Dist.Ahmednagar with 68.50 %
- **S.S.C.** from Mahatma Gandhi Vidya Mandir, Pravaranagar, Dist. Ahmednagar with 83%

### **Software Expertise**

- **Languages :** C
- **Packages & Tools:** MS Office, Matlab, NS2

### **Moocs successfully completed**

- Done NPTEL course on “ Estimation for Wireless Communications –MIMO/ OFDM Cellular and Sensor Networks” in Jan-April 2016

- Done NPTEL course on “Fundamentals of MIMO Wireless communication” in July-September 2016
- Done a course offered by IITBombayX, on “Educational Technology for Engineering Teachers” in Jan-March 2016.
- Done a course from IIT Mumbai, under continuing education program, on subject”Radar System” from Jan 2018 to April 2018.

**Paper Presentation:**

<b>Sr. No.</b>	<b>Paper Presented/Attended</b>	<b>National/ International Conference</b>	<b>Details</b>	<b>Date</b>	<b>Institute</b>
<b>1</b>	Optimized Method for compressive sensing in mobile environment	International	ICEDSS2016, IEEE Conference	4-5 March 2016	Mahendra Engg. College, Mallasamudram, Tamilnadu
<b>2</b>	Dynamic Call management for congestion control in Cellular networks (Using Opengl)	International	ICWET11, Volume II ISBN:978-1-4503-0449-8	25-26 Feb 11	Thakur college of Engineering & Technology, Kandivali.
<b>3</b>	Modelling Latency for 3G Mobile Network with jitter	International	ICWET11, Volume II ISBN:978-1-4503-0449-8	25-26 Feb 11	Thakur college of Engineering & Technology, Kandivali.
<b>4</b>	Dynamic Call management for congestion control in Cellular networks (using NS2)	International	ICSES10	1-2 April 10	SES College of Engineering, navalnagar
<b>5</b>	Modelling Latency for 3G Mobile Network	International	ICSES10	1-2 April 10	SES College of Engineering, navalnagar

6	Integration Of Pricing with Congestion Control for Cellular Network	National	National Conference on Emerging Trends in computer technology(NCE TCT-09)	21-22 Dec 2009	Sarswati College of Engineering ,Kharghar
7	Soft Handover for 3G WCDMA Networks	National	National Conference on Resent Trends in Engineering and Technology	30-31 Oct 2009	Agnel Polytechnic Vashi with Indian Institute of Industrial Engineering(IIIE)
8	A new Model for service and Application Convergence in B3G/4G	National	National Conference on Recent Trends in Engineering and Technology	30-31 Oct 2009	Agnel Polytechnic Vashi with Indian Institute of Industrial Engineering(IIIE)
9	Traffic monitoring and its application in 3G mobile Network	National	Innovation in Electronics and Information Technology	5-6 Oct 2009	Vidyalankar Institute of Technology, Wadala
10	Call Management for Congestion Control in Cellular Networks	National	Innovation in Electronics and Information Technology	5-6 Oct 2009	Vidyalankar Institute of Technology, Wadala

**International Publication:** A paper on “Optimized method for compressive sensing in Mobile Environment” is published in IEEE Xplore in Oct’2016.

Workshops and STTPs attended:

- Attended AICTE-ISTE approved 5 Days training on “ Effective Teaching -Approach and Methods” on 23-27 June 2008

- Attended ISTE approved two week STTP on “ Image,Audio and Video Data Compression” on 7th-18th Jan 2008
- Attended ISTE approved 5 days workshop on “Wireless communication and Networking” on 13 July 2009-17 July 2009.
- Attended “Best Practices in Network Simulator-2” 4 days workshop on 27th to 30th Dec 2010
- Attended “ VLSI: Basics through Advanced and Recent Trends” 4 days ISTE approved workshop on 10thJan 2011 to 14th Jan 2011 in KJSIEIT.
- Attended 5 days STTP on “Cloud Computing and Big Data Analytics” on 10-14th Nov 2014
- Attended 5 days FDP on “Embedded System Design using ARM Cortex M3” on 29-Dec to 2 Jan 2015 in KJSIEIT
- Attended one day workshop on “Computer Communication Network Practical “ on 7th Feb 2015 in SPIT, Andheri.
- Participated in National Symposium on “Evangelizing Internet of Things” on 5th October 2015
- Participated in two days workshop on “ Wireless Networks” in PVPP,s COE, on 18th-19th Dec. 2015.
- Participated in NPTEL Awareness Workshop on 8th January 2016.
- Participated in orientation program in subject “ANT” on 18th January 2016
- Participated in workshop on :NAAC - Process Criteria and Audit” on 25thApril - 29th April 2016.
- Received certificate of Appreciation from Universal college of Engg, for encouraging my project group to participate in national level project competition on in 2016
- Attended one week STTP on”R programming, Python and Perl” on 2 Jan to 7th Jan 2018.  
Attended two days workshop on “ Practical Electromagnetics for Modern Antennas, RF and Microwave Designs” on 9th and 10th March 2018.
- Attended E-Summit in IIT bombay on 27th -28th January 2018.

- I have published paper on "Low cost Self Assistive wheelchair" in IJCIR at the international conference on "Advances in science and Technology" on 6th -7th April 2018 with ISSN 0973-1873 Vol.14, No.1 (2018)
- I have published paper on "Bomb Disposal Robot" in ACST at the international conference on "Advances in science and Technology" on 6th -7th April 2018 with ISSN 0973-6107 Vol.11, No. 1, (2018)

### **Subject Taught:**

Basics of Communication

Linear Integrated circuits

Computer Networking

Advanced networking technologies

Electronics devices

Electronic Instrumentation System

Mobile Communication

### **Involvement in Projects:**

1. I am working on K.J.Somaiya physiotherapy Hospital's Project i.e. "Voice Controlled Wheelchair using Android Mobile".
2. Above project received a grant of Rs.35,000/- from UoM in 2016-17.

### **Institute level committees:**

1. Member of IET committee
2. Member of Aura committee
3. Member of E-Cell committee
4. Member of IQAC committee

**Hobbies:**

Listening Music, Watching Sports

**Personal Information**

**Date of Birth : 04/12/1980**

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**Languages Known :** English, Hindi, Marathi