

Pradnya Vijay Kamble joined KJSIEIT in 2007. Earlier she was at ICRE Gargoti, for two years as a lecturer in Computer Department. She has taught various subjects in second and third year like Electronic Devices and Circuits, Digital Techniques, Digital Techniques and Microprocessors, Data Communication Networks, Antenna Wave Propagation, Television Video and Engineering Mobile Communication Systems, Wireless Networks, Environmental Studies etc.

She did her graduation in Electronics and Communication from K.L.E. society's college of Engineering and Technology Belgaum, affiliated to Visvesvaraya Technological University, Belgaum and post-graduation in Electronics and Telecommunication from Vivekanand Education society's Institute of Technology affiliated to Mumbai University.

She is a Life member of ISTE.

She is currently working as Assistant Professor in Electronics and Telecommunication, as well as she is Project and Alumni coordinator. She has participated in many Short Term Training Programs (STTP) organized by ISTE New Delhi and IIT Khargpur organized in various colleges and has actively carried professional responsibilities also presented 4 papers in National and International conferences organized by different colleges in India and published papers in two international journals.

She cherishes solving engineering problems, design systems etc. through creative and innovative thinking. She has a knack of applying mathematical, scientific and technological tools to analyse and interpret data.

Her area of interest is Antenna Wave Propagation, Wireless Communication, Mobile Communication

She spends her free time in Cooking, home decoration, listening to music, pot/ceramic painting and travelling

# **DETAILS TO BE MAINTAINED AS PER FOLLOWING TABLES**

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Sr. No.	Department	Subjects taught	Class & Semester	No. of Times
1	Electronics and Telecommunication	Analog Communication	TE,V	1
		Wireless Network ( Old)	BE,VIII	5
		Data compression and Encryption(revised)	BE, VII	1
		Mobile Communication (Revised)	BE, VII	1
		Mobile Communication Systems9Old)	BE, VII	3
		Environmental Studies	TE,V	1
		Satellite Communication(Old)	BE, VII	2
		Radio Frequency Circuit Design	TE,V	1
		Data compression and Encryption(Old)	BE,VII	2
		Wireless Network ( Revised,CBGS)	BE,VIII	5
Total Exp.= 13 Years 5 Months Academics=15 Years 5 Months Industry= Nil				

Sr. No.	Position Details	EXTC	Duration	
			From	To
1	Time Table coordinator of Electronics and Telecommunication Department for one semester	EXTC	(Year-2007).	(Year-2007).
2	Term Test Coordinator for one semester	EXTC	2007	2007
3	Lab In-charge of Microwave & Fiber Optic Lab. (604)	EXTC	2009	2010
4	Developed Wireless Lab (701 now 610).	EXTC	2011	
5	Lab. In-charge of Wireless Network Lab (701	EXTC	2010	2015
6	Lab. In-charge of Wireless Network Lab 610	EXTC	2016	2017
7	Lab. In-charge of Networking and project lab 605	EXTC	2017	Till date
8	Library committee member	EXTC	2009	2010
9	College CAS Coordinator	EXTC	Dec 2011	Dec 2011
10	Departmental Academic Calendar preparation	EXTC	2013	
11	Mini Project Coordinator for third year	EXTC	2012	2013
12	Event coordinator of screening of dance competition	EXTC	2013 and 2015	

13	Project Coordinator	EXTC	2013	Till date
14	Alumni Coordinator	EXTC	2015	Till date
15	Marathi Wagdmay (Nakshatra Member)	EXTC	2015	Till Date
16	Mentor/Proctor of Students	EXTC	20 Students each year (second year batch to continued till the passout)	

Sr.No	Name of STTP/Workshops Seminar/Expert talks / Industrial Visits etc.	Date		Venue	Attend ed (A) Organi sed (O)  Deliver ed (D)
		From	To		
1	2-week Image Audio and Video Data Compression	January 07,2008	January 18,2008	K. J. Somaiya Institute of Engg. & Information Technology	A
2	1-week ISTE approved STTP on Wireless Communication &Networking.	13 <sup>th</sup> July 2009	17 <sup>th</sup> July2009	K. J. Somaiya Institute of Engg. & Information Technology	A
3	Three days Workshop on Environmental Studies	6 <sup>th</sup> August 2009	8 <sup>th</sup> August 2009	K. J Somaiya ,Vidyavihar	A
4	1-week ISTE approved STTP on Neural Network & Fuzzy System	4 <sup>th</sup> January 2010	8 <sup>th</sup> January 2010	K. J. Somaiya In stitute of Engg. & Information Technology	A
5	1-week ISTE approved STTP on Mobile Technology: Current Trends and Future Directions	31 <sup>st</sup> May 2010	4 <sup>th</sup> June 2010	K. J. Somaiya Institute of Engg. & Information Technology	O
6	1-week ISTE approved STTP Research and Methodology.	17 <sup>th</sup> December 2012	21 <sup>st</sup> December 2012	K. J. Somaiya Institute of Engg. & Information Technology	A
7	Two day Workshop on Solar Clan	3 <sup>rd</sup> April 2014	4 <sup>th</sup> April 2014	K. J. Somaiya Institute of Engg. & Information Technology	A
8	2-week ISTE approved STTP on Control Systems conducted by IIT Kharagpur.	2 <sup>nd</sup> December 2014	12 <sup>th</sup> December 2014	Remote Centre Terna College of Engineering, Nerul Navi Mumbai	A

9	National Symposium on “Evangelizing Internet of Things (IoT) on 5 <sup>th</sup> October 2015.	5 <sup>th</sup> October 2015.	-	K. J. Somaiya Institute of Engg. & Information Technology	A
10	1-week ISTE, IET and MU approved STTP The New Generation 4G and 5G Innovations Research, Scope and Limitations	17 <sup>th</sup> November 2015	21 <sup>st</sup> November 2015	K. J. Somaiya Institute of Engg. & Information Technology	O
11	One day workshop on NPTEL awareness workshop conducted on January 8 2016	January 8 2016.	-	K. J. Somaiya Institute of Engg. & Information Technology	A
12	1-week NAAC Process, Criteria & Audit"	25th April 2016	29th April 2016	K. J. Somaiya Institute of Engg. & Information Technology	A
13	1-Week Training program under Global Initiative of Academic Networks on Advanced Wireless Communication Technologies: A PHY –layer Perspective	12 <sup>th</sup> December 2016	17 <sup>th</sup> December 2016	Vishvesvaraya National Institute of Technology Nagpur, India	A
14	2-Day workshop on NAAC Criteria 1 and 2	17 <sup>th</sup> and 18 <sup>th</sup> February 2017	18 <sup>th</sup> February 2017	K. J. Somaiya Institute of Engg. & Information Technology	A
15	1-Wek Training program on Programming ,python & Perl	2 <sup>nd</sup> April 2018	7 <sup>th</sup> April 2018	K. J. Somaiya Institute of Engg. & Information Technology	A
16	2-Day workshop on Outcome based Education	7 <sup>th</sup> May 2018	8 <sup>th</sup> May 2018	K. J. Somaiya Institute of Engg. & Information Technology	A
17	AICTE-ISTE Sponsored One Week Induction/ Refresher Programme on "Inclusion of Nanotechnology in Various Commercial Arena	" July 2 2018	" July 7, 2018	K. J. Somaiya Institute of Engg. & Information Technology	A

18	1-Week STTP on "Recent Trends in Wireless Networks"	2 <sup>nd</sup> Jan 2019	7 <sup>th</sup> Jan 2019	D J Sanghavi College of Engineering	A
19	2-Day workshop on Network Simulator 2	1 <sup>st</sup> March 2019	2 <sup>nd</sup> March 2019	K. J. Somaiya Institute of Engg. & Information Technology	O

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Sr. No.	Syllabus setting		Paper setting		BoS		PG Guide / Ph.D. Guide	
	Mumbai Univ.	Other Univ.	Mumbai Univ.	Other Univ.	Mumbai Univ.	Other Univ	Mumbai Univ.	Other University
1			1.Mobile Communication 2015 2. Mobile Communication 2017					
2	Yes		Data Compression and Encryption					

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Sr. No.	Name of the Project/ Consultancy	Grant Worth (Rs.)
1	Mumbai University	23,000/-
2	Mumbai University	25,000/-

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Sr.No.	Publication Details Conference/Journal Name	Date	Name of the Conference/Journals	Volume Issue/ISSN/ISBN & Impact Factor
1	Presented paper on Performance analysis of CDMA and MC-MCCDMA	on 28 <sup>th</sup> March 2008.	CDMA at Pimpri Chinchwad college of Engineering Pune	-Certificate

2	Presented paper on Simulation Results for Coverage and Performance of CDMA and MC-CDMA.	On 21-22 december 2009	Saraswati college of Engineering, Kharghar, Navi Mumbai	-Proceeding copy
3	Presented paper on Bandwidth Enhancement of Microstrip Array Antenna with increase in patch height	on 21-22 december 2009	at Saraswati college of Engineering, Kharghar, Navi Mumbai	- Proceeding copy
4	Presented Paper on Performance comparison for CDMA and MC-CDMA at .	on 2,3 January 2009	Vivekanad Education Society's Institute of Technology	- Proceeding copy
5	Published paper in International Journal, on Automatic Multipurpose Medical Dispensing Machine	February 2015	IJETR	Volume 03 Issue 01 (January 2015), 5,.
6	Published paper in International Journal of Recent Technology and Engineering		IJRTE	ISSN 2277-3878 on LTE Network Coverage Area on 26-28 January 2015.
7	Published paper in International Journal of Engineering and Technical Research of on LTE NETWORK COVERAGE AREA PARAMETERS.	March – 2015	IJETR	
9	A Zig Bee based Wireless Health Monitoring system.	March 2016	IJETR	ISSN: 2321-0869 (O) 2454-4698 (P), Volume-1, Issue-1,
10	E way for Health Monitoring and Alert System using wireless mode of transmission	Feb 2017	IJSRD	ISSN:2321 Volume4,Issue 12,in Feb 2017
11	Patient's Vital Sign Monitoring System Using Wireless Personal Area Network	March 2017	IJIR	Vol-3,Issue-3,Issue-3
12	Spectrum Sensing in Cognitive Radio using RTL-SDR and GNU Radio	April 2018	AWMC	ISSN :0973-6972 Vol 11 No. 1(2018)



13	Building Cognitive Radio	April 2018		
14	Performance Comparison of Cognitive Radio Network by Spectrum Sensing Methods	April 2019	IRJET	Vol 6 Issue 4 e-ISSN:2395-0056 p-ISSN:2395-0072
15	Color- based product sorting machine using PLC	8 <sup>th</sup> and 9 <sup>th</sup> April 2019	2 <sup>nd</sup> International Conference on Advances in Science and Technology(ICAST-2019)	SSRN-Elsevier Online Conference Publication portal
16	Android Application for Academic Record	8 <sup>th</sup> and 9 <sup>th</sup> April 2019	2 <sup>nd</sup> International Conference on Advances in Science and Technology(ICAST-2019)	SSRN-Elsevier Online Conference Publication portal

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Sr. No.	Awards/Recognition Received	Date	Venue
1	Letter of Appreciation as a coordinator,INTECH2K16,		K. J. Somaiya Institute of Engg. & Information Technology, Sion Mumbai,400022
	Letter of Appreciation for organizing one week STTP on Mobile technology :Current Trends and future directions , 31st may to 4th June 2010	June 2010	K. J. Somaiya Institute of Engg. & Information Technology, Sion Mumbai,400022
1	Letter of Appreciation as a coordinator,INTECH2K17,		K. J. Somaiya Institute of Engg. & Information Technology, Sion Mumbai,400022
2	Letter of Appreciation as a coordinator,INTECH2K18,		K. J. Somaiya Institute of Engg. & Information Technology, Sion Mumbai,400022
3	Letter of Appreciation as a coordinator,INTECH2K19,	19 <sup>th</sup> March 2019	K. J. Somaiya Institute of Engg. & Information Technology, Sion Mumbai,400022
4	Letter of Appreciation for contribution in 1 <sup>st</sup> International Conference on	April 2018	K. J. Somaiya Institute of Engg. & Information Technology, Sion Mumbai,400022
	Advances in Science and		

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	Technology(ICAST-2019)		
5	Letter of Appreciation for contribution in 2 <sup>nd</sup> International Conference on Advances in Science and Technology(ICAST-2019)	10 April 2019	K. J. Somaiya Institute of Engg. & Information Technology, Sion Mumbai,400022