



Department of Electronics and Telecommunication Engineering

Prof.(Dr) .Prachi P. Vast

PhD (Electronics Engineering)

Assistant Professor

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 <https://scholar.google.com/citations?user=QdmSjUMAAAJ&hl=en>



ResearchAreas/ Areas of Interest

Microstrip Antenna Design, Embedded Systems, RTOS, IOT, Deep learning

Personal Details

Date of Birth : 08 / 02 / 1980

Domicile: Maharashtra

Gender : Female

Blood Group: AB+ve

Contact Details: Prathmesh Villa, Flat No.2, Chaitanya Park, Indrayaninagar,
Bhosari, Pune – 411039.

Academic Background

S. NO.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	Ph.D.	Electronics Engineering	Pune	--	Feb 2018
2	M.Tech.	Control Systems	VJTI, Mumbai	Distinction	May 2001
3	B.E.	E &TC Engineering	Pune	1 st	May 2001

Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	16	4
2	Research	05	00
3	Industry	1	0
4.	Others	--	--
Total		15	2

Subjects/Courses Taught

S. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Embedde Systems	UG	TE (Eletronics)	04
2	Basic Electronics Engg.	UG	FE	10
3	Electromagnetics	UG	TE (Eletronics)	04
4	Advanced Processors	UG	TE (E & TC)	01
5	Microcontrollers	UG	TE (E & TC)	03
6	RTOS	UG	TE (Eletronics)	01
7.	Electomagnetic and	PG	FYME (Microwave)	01

	Antenna Theory			
8	Cellular Networks	UG	TE (E & TC)	03
9	Modernized IoT	UG	BE (E & TC)	01

Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals	01	04	00	02	02
Conferences	00	02		02	00

Publication Details (Journals)

S. No	Document Details	Authors	Year	Source Details	ISBN/ ISSN	Publisher
1	Conditional reiterative High-Fidelity GAN inversion for image editing	Vasant Dere Amita Shinde Prachi Vast	2023	Pattern Recognition		Elsevier
2	Design and Development Of Microstrip Antenna For Non-Invasive Glucose Testing	Prachi Vast, Siddhi Devendra Nasare, Ishika Amit Chankeshwara, Harsh Rupesh Shah	2023	International Journal of Technical Education	0971-3034	ISTE
3	Reconfigurable Circular Microstrip Patch Antenna with Polarization and Pattern diversity using PIN Diodes	Dr. Prachi P. Vast Dr. S. D. Apte	2019	Journal of Engineering Technology	ISSN. 0747-9964	American Society for Engineering Education

	for WLAN					
4	Reconfigurable Circular Microstrip Patch Antenna with Polarization Diversity and Radiation Pattern Selectivity	Dr. Prachi P. Vast Dr. S. D. Apte	2017	International Journal of Latest Engineering & Management Research	ISSN 2455-4847	IJLEMR
5	Internet of Things-Based Onion Preservation System	1.Dr. Prachi P. Vast 2. Dr. S. D. Apte	2020	SAMRIDDHI : A Journal of Physical Sciences, Engineering & Technology	ISSN 2454-5767	

Publication Details (Conferences)

S. No	Document Details	Authors	Year	Conference Details	ISBN	Organised by
1.	Reconfigurable Circular Microstrip Patch Antenna with Polarization Diversity	1.Dr. Prachi P. Vast 2.Dr. S. D. Apte	2017	Proceedings of the International Conference on Data Engineering and Communication Technology	ISBN: 978-1-4673-7758-4.	Springer, Singapore
2	Reconfigurable Square Microstrip Patch Antenna with Polarization	1.Dr. Prachi P. Vast 2.Dr. S. D.	2015	Proceedings of the International Conference on	ISBN: 978-1-4673-7758-4	IEEE

		Apte		Data Engineering and Communication Technology		
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PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guiding	3	00	20

Professional Memberships

Professional Body	Level (National/ International)	Type (Fellow/Life/Annual)	Membership No.
Lifetime membership with IEI.	National	Life	M-1592291

Patents/IPR Filed/Granted

S. No	Investigator Details	Title	Year	Status (Filed/Granted)	Details
1	Dr. Prachi P. Vast Dr. S. D. Apte	Reconfigurable microstripantenna with polarization and pattern diversity	2017	Published	Application No: 201721014750

Details of Workshop/STTP/FDP/Conferences Attended

S. N	Title	Type	Duration	Organizer	Sponsoring Agency
1	Data Science	FDP	17/6/19 to 22/6/19	AISSMS College of Engg, Pune	MHRD
2	Recent trends in MEMS, Power sources and Electronic Packaging	Refresher program	25/6/18 to 30/6/18	AISSMS IOIT, Pune	AICTE & IJSTE
3	Internet of Things	STTP	8/06/2020 to 12/06/2020	RAIT, Mumbai	
4	Advanced Teaching Tools, Techniques and Methodologies For Outcome Based Education	FDP	29/05/20 to 04/06/20.	AISSMS College of Engg, Pune	
5	Vision-Mission-PEO-PSO-PO-CO: Framing, Mapping, Assessment and Attainment	FDP	10-15 June 2019	AISSMS College of Engg, Pune	ISTE
6	Sensors Technology		1/10/2020 to 5/10/2020	NIT Jamshedpur.	
7	"Micro-electromechanical Systems"		23/11/2020 to 27/11/2020	SARDAR PATEL COLLEGE OF ENGINEERING	
8	One Week Online Induction/Refresher Program on "Internet of Things (IoT)		6th May to 11th May 2021	A.G.PATIL INSTITUTE OF TECHNOLOGY, SOLAPUR	(AICTE) and (ISTE),
9	5 Days National Level Online Faculty Development Programme on " Research Skills Development "		10th May 2021 to 14th May 2021	Department of Information Technology, MVPS's KBT College of Engineering, Nashik, Maharashtra	
10	Introduction to Embedded Systems		Sep-Dec 2020 12 weeks	IIT Madras	

Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
1.	PG Coordinator
2	Student Counselling and Mentor Coordinator
3.	IUCEE Mentor for Enterprenuership course
4.	NBA Criteria 3 department level incharge
5	NAAC Criteria 3 department level incharge
6.	Electronics For You skill development centre incharge

Awards Received

S. No.	Awards
1.	Winner of AtmaNirbhar -COVID 19 STARTUP Competition, held on 25/6/2020 organised by AISSMSCOE.

Declaration: I hereby declare that all the statement made above are correct to the best of my knowledge and belief.

Dr. Prachi P. Vast

(Name with Signature)