



Department of Electronics and Telecommunication Engineering

Faculty Profile


Mrs. V S Navale

ME (Electronics and Telecommunication Engineering)

Assistant Professor

vsnavale@aiissmscoe.com

vaishnavinavale4@gmail.com

 M-9881097035



Research Areas / Areas of Interest

Integrated Circuits, Communication Systems

Personal Details

Date of Birth : 07 / 11 / 1982

Domicile: Maharashtra

Gender : Female

Blood Group: A+ve

Contact Details: 22/7, Pratik nagar, Alandi Road, Yerwada, Pune-411006

Academic Background

S. NO.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	M.E.	Electronics and Telecommunication Engg.	Pune	I st (Distinction)	May 2012
2	B.E.	Electronics Engineering	Pune	I st (Distinction)	May 2005

Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	17	00
2	Research	03	00
3	Industry	0	00
4.	Others	--	--
Total		18	05

Subjects / Courses Taught

S. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Integrated Circuits	UG	SE (E&TC)	03
2	Analog Communication	UG	SE (E&TC)	02
3	Power Electronics and Applications	UG	TE (Electronics)	03
4	Advanced Power Electronics	UG	BE (Electronics)	03
5	BaiscEletronics	UG	FE (Electronics)	03

	Engineering			
6	Electrical Circuits and Machines	UG	SE (E&TC)	02
7	Electrical Circuits	UG	SE(E&TC)	03
8	Principles of Communication Systems	UG	SE(E&TC)	03
9	Renewable Energy System and DSM	UG	BE(Electronics)	02
10	Optimization Techniques	PG	ME(Microwave)	03
11	Electromagnetics and Antenna Theory	PG	ME (Microwave)	01

Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals	01	05	00	00	00
Conferences	03	00		00	--

Publication Details (Journals)

S. No	Document Details	Authors	Year	Source Details	ISBN/ ISSN	Publisher
1.	An Overview Of Small Scale Nakagami Wireless Channel Model	V. H. Kamble#1, Prof. P.N. Kota#2 , Prof. V. Navale#3 , Prof.(Dr.) A. N. Gaikwad#	October 2012	International Journal of Next Generation Computer Applications ISSN 2319-524X	ISSN 2319-524X	International Journal of Next Generation Computer Applications
2	Artificial	Mrs. V S Navale and	June	International	ISSN-2278-	International

	Magnetic Conductor for Improvement of Meander line Antenna Efficiency	Mr. ShivshankarTondare	2014	Journal of Latest Technology in Engineering ,Management and Applied ScienceISSN-2278-2540	2540	Standards Publication
3	Performance Measurement of Polarization Diversity Printed Dipole Antenna using High Frequency PINDIODE for WLAN	Mrs. V S Navale and Mrs.VishakhaKulkarni	May 2013	International Journal of Advanced Research in Electrical Electronics and Instrumentation Engineering ISSN:2278-8875	ISSN:2278-8875	S & S Publication
4	Polarization Diversity Printed Dipole Antenna Using PINDIODE Switching for Wireless LAN Application	Mrs. V S Navale and Mrs.VishakhaKulkarni	May 2013	International Journal of Engineering Science and Innovative Technology ISSN:2319-5967	ISSN:2319-5967	
5	Active	Mrs. V S Navale and	April	International	International Journal of	

	Antenna for VHF Band Applications	Mr.SachinPadalwar	2015	Journal of Science and Research (IJSR)	Science and Research (IJSR)	
6	Text to Image AI model using deep learning	Aman Sagar Arjun Singh Shreyash Parkhe Vaishnavi Navale	2023	Indian Journal of Technical Education	ISSN 0971-3034 Volume 46, Special Issue July 2023	Indian Society for Technical Education

Publication Details (Conferences)

S. No	Document Details	Authors	Year	Conference Details	ISBN	Organised by
1.	Orthogonal Frequency Division Multiplexing and Channel Estimation	Mrs.Y P Lad and Mrs. V S Navale	17 th - 18 th feb 2016	Recent Advances in science and technology(National Level)		Finolex Academy of Management and Technology
2	DESIGN OF HUMAN HAND PROSTHESIS	Ms. ShrutiPalsutkar, Mr. Rahul Joshi, Mr.Azhar Khan, Siddhi Sadavarte, V S Navale	12 June 2020	SAMRIDDHI- JPSET UGC Journal & NCIET2020 Proceeding		AISSMS College of Engineering
3	"AUTOMATED DATA ENTRY USING ROBOTIC PROCESS AUTOMATION"	Mrs.V S Navale Ms. TanmayeeGajare Ms. KrutikaJagtap Ms. Suvadhan Mane	20 May 2022	2 nd National Conference on Engineering and Technology 2022 NCIET 2022, 20/5/2022		AISSMS College of Engineering

PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	00	05	43

Professional Memberships

Professional Body	Level (National/ International)	Type (Fellow/Life/Annual)	Membership No.
Institute of Engineers	National	Life	
IETE	National	Life	502331
ISTE	National	Life	LM 132949
SESI	National	Life	

DetailsofWorshop / STTP / FDP / Seminar / Conferences Organized

S. No	Title	Type	Duration	Level (State/National/ International)	Sponsoring Agency
01	Workshop on Python Programming	For Students	3 days	For AISSMSCOE E&TC Department	AISSMSCOE
02	Workshop on Arduino and MSP 430	For Students	3 days	For AISSMSCOE E&TC Department-	AISSMSCOE

Details of Workshop / STTP / FDP / Conferences Attended

S. N	Title	Type	Duration	Organizer	Sponsoring Agency
1	Faculty Orientation Program for revised syllabus of Basic Electronics Engineering at VPCOE, Baramati on 9 th June 2009	FDP	9 th June 2009	VPCOE, Baramati	SPPU
2	Attended two Day workshop on "Embedded system" on 11 th and 12 th April 2011 at PCCOE, Pune.	Workshop	11 th -12 th April 2009	PCCOE, Pune	
3	2 Days state level workshop on Cloud Computing at AISSMS IOIT on 26 th and 27 th Sep 2013	Workshop	26 th -27 th Sep 2013	AISSMS IOIT	
4	One Week faculty Orientation program on revised syllabus of Integrated Circuits, 2013	FDP	2013	Cummins College of Engineering, Pune	SPPU
5	One week Orientation Program on Modern Pedagogy and Recent Technological Development at AISSMS COE from 10/12/2018 to 14/12/2018.	FDP	10/12/2018 to 14/12/2018	AISSMS College of Engineering	AISSMCOE
6	2 Day Staff Development program at AISSMSCOE on 25 th and 26 th Aug 2016	FDP	25 th and 26 th Aug 2016	AISSMS College of Engineering	AISSMCOE
7	One Week faculty Orientation program on revised syllabus of Advanced Power Electronics, 2015	FDP	2015	MIT College of Engineering, Alandi, Pune	SPPU
8	Three Days Faculty Orientation Program on revised syllabus of Analog Communication, 2016	FDP	2016	MIT College of Engineering, Pune	SPPU
9	One day workshop on Virtual lab at AISSMSCOE on 4 th Aug 2017	Workshop	4 th Aug 2017	AISSMSCOE	AISSMSCOE
10	FDP on Project based and Student Centric learning Activities at AISSMSCOE on 23 rd Feb 2018	FDP	23 rd Feb 2018	AISSMSCOE	AISSMSCOE
11	2 Days National level workshop on Antennas for Modern wireless communication at AISSMSIOIT, 1 st and 2 nd Feb 2018	Workshop	1 st and 2 nd Feb 2018	AISSMSIOIT	AISSMSIOIT
12	Seminar on Innovative methods of teaching learning, July 25 th 2017	Seminar	25 th July 2017	AISSMSCOE	AISSMSCOE
13	2 Days workshop on Machine Learning and its applications in Engineering, 16 th and 17 th Mar 2018	Workshop	16 th and 17 th March 2018	AISSMSCOE	SPPU

14	Attended one day workshop on Moodle at AISSMS IOIT, Pune, 2019	Workshop	2019	AISSMSIOIT	AISSMSIOIT
15	One week FDP on Data Science at AISSMCOE sponsored by MHRD in association with Shivaji University	FDP	2019	AISSMSCOE	SPPU
16	Attended Spoken tutorial FDP on "A" organized by AISSMSCOE from 28/4/2020 to 4 th May2020	1 week	28/4/2020 to 4 th May2020	AISSMSCOE	AISSMSCOE
17	Attended Spoken tutorial FDP on "Moodle" organized by Sinhgad College of Engineering from 4 th May to 9 th May 2020	1 week	4 th May to 9 th May 2020	Sinhgad College of Engineering	Sinhgad College of Engineering
18	Participated and completed FDP(attempted Quiz on 3 sessions) on "Effective Proposal Writing Research Funding" organized by Sar Institute of Technology and Research Centre, Nashik from 13/5/2020 to 18/5/2020.	1 week	13/5/2020 to 18/5/2020	SIT Nashik	SIT Nashik
19	Attended Online FDP on Learning P and Effective use of Case Methodology organized by ASM from 17 th May to 21 st May 2020	1 week	17 th May to 21 st May 2020	ASM Group	ASM Group
20	Attended online FDP on "Promoting Quality Culture in T Institutions", organized by AISSMS COE, Pune from 25/05/2020 to 29/05/2020.	1 week	25/05/2020 to 29/05/2020	AISSMSCOE	AISSMSCOE
21	Completed certified course on Leadership Quality and Emotional Intelligence	4 week	13 th May2020	Coursera	Coursera
22	FDP on "Internet of Things for Agriculture"	1 week	5/10/2020 to 9/10/2020	ATAL FDP	----
23	Augmented Reality Virtual Reality"	1 week	12/10/20 to 16/10/20	Rajeev Gandhi College of Engg. and Technology	ATAL FDP
24	STTP on Digitally Controlled Power Converters for Industrial and	1 week	26/10/20 to	SSBT's	AICTE

	Renewable Application	STTP	31/10/20	College of Engg , Jalgaon	
25	NPTEL FDP on Embedded Systems	12 weeks	Sep to Dec 2020	IIT Madras	Ministry of HRD Govt. of India
26	Vlabs Workshop	1 day	18/7/2020 1 day	AISSMSCOE, PVGCOE and SPPU	SPPU
27	One Week Online Faculty Development Program AICTE-ISTE Sponsored Induction/Refresher Program (Phase-III) on "Internet of Things" from 06.05.2021 to 11.05.2021 organised by AGPIT, Solapur	1 week	6/5/2021 to 11/5/2021 1 week	AGPIT, Solapur	AICTE-ISTE
28	FDP on Research Skills Development organised by MVPS's KBT COE, Nashik.	1 week	10/5/2021 to 14/5/2021 1 week	Department of Information Technology, MVPS's KBT COE	
29	STTP on "Innovative and Inventive Solving"	1 week	29/6/2021 to 4/7/2021	Production Department AISSMSCOE	
30	FOW on Fundamentals of JAVA	3 days	26/7/2021 to 28/7/2021	SPPU AISSMSCOE	
31	AICTE-ISTE Approved Refresher Program on "Electronics in AI and ML"	1 week	6/1/2022 to 12/1/2022	Shah and Anchor Kutchhi Engineering College, Mumbai	AICTE-ISTE
32	STTP/Refresher Program on "Project-Based Learning (PBL)"	1 week 21/2/2022 to 26/2/2022	21/2/2022 to 26/2/2022	Department of E&TC of AISSMSCOE, Pune	
33	FDP on "Modern Trends in Energy Systems"	1Week	07/02/2022 to 11/02/2022	Electrical Engineering, AISSMS COE	
34	AICTE-ISTE sponsored Induction/Refresher program on "Electronic in AI & ML".	1Week	06/01/2022 to 12/01/2022	Shah & Anchor Engineering College,	AICTE-ISTE

35	Faculty Development Program on "Computer Vision and Deep Learning"	1Week	28/03/2022 01/04/2022	Dept. of E&TC Engineering, MarathwadaMitra Mandal's College of Engineering, Karvenagar, Pune	
36	National Level Faculty Development Program on "Cloud Infrastructure"	1 week	21/8/2023 25/8/2023	Computer Engineering, AISSMS COE	AISSMSCOE collaboration With Brainovision Solutions India Ltd. and AICTE
37	Faculty Development Program on "Recent Trends in Machine Learning"	1 week	13/3/2023 17/3/2023	E&TC Engineering, AISSMS COE	AISSMSCOE
38	Advanced Network Simulation and Protocol Analysis using NS2 and NS3	1 week	4/4/2023 to 8/4/2023	Vishwakarma Institute of Information Technology	
39	Data Science using Machine Learning.	1 week	20/2/2023 25/2/2023	ExcelR solutions.Pravara Engineering College in Collaboration with ExcelR	

Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
1	Time Table Incharge
2	LabIncharge
3	Moodle Coordinator
4	GFM
5	Student Activity Incharge
6	Media Coordinator

7	Exam Coordinator
8	NAAC Department level Criteria-II Incharge
9	Mentor
10	NBA Criteria III
11	Annual Report
12	eNewsletter

Awards Received

S. No.	Awards
1	Aatmanirbhar Covid-19 Start-Up Competition

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

Mrs. V S Navale

(Name with Signature)