AISSMS
COLLEGE OF ENGINEERING
ज्ञानम् सकलजनहिताय
Accredited by NAAC with "A+" Grade

Department of Computer Engineering

Faculty Profile

V.V.NAVALE
Ph.D. (Computer Science and Engineering) Pursuing
ME(Computer Engineering) ,BE (CSE)
Assistant Professor

vvnavale@aissmscoe.com
navalevandana19@gmail.com

ResearchAreas/ Areas of Interest

Computer Network, Cyber Security, Information Security

Personal Details

Date of Birth : 19/ 04 / 1980   Domicile: Maharashtra
Gender : Female   Blood Group: O^{+ve}
 Contact Details: 77, Sai Ashray, Vadgaon Sheri, Pune

Academic Background

S. N0.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	Ph.D	Computer Science and Engineering	VTU	_	Pursuing
2	M.E.	Computer Engineering	SPPU	First Class	May 2014
3	B.E.	Computer Science and Engineering	Dr.BAMU	First Class with Distinction	May 2002

Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	14	03
	Total	14	03

Subjects/Courses Taught

Sr. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Computer Network	UG	TE	04
2	Information and Cyber Security	UG	BE	02
3	Operating System and Design	UG	TE	02
3	Computer Organization	UG	SE	01
4	Computer Networks and Security	UG	TE	01
5	Cyber Security	UG	TE	01

6	Programming and Problem Solving	UG	FE	02
7.	Research Methodology	PG	ME	02
8.	Fundamentals of Programming Languages I and II	UG	FE	04
9.	Network Security	PG	ME	01
10	Blockchain Technology	UG	BE	02
11	Deep Learning	UG	BE	01
12	Microprocessor	UG	SE	01

Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals	02	14	00		08
Conferences	01	00	00		01

Publication Details (Journals)

S. No	Document Details	Authors	Year	Source Details	ISBN/ ISSN	Publisher
1	FeelFlow: Music Recommendation System Based on your Facial Expression	Vandana Navale	2023-24	Ijraset Journal For Research in Applied Science and Engineering Technology	2321-9653	IJRASET
2	Superlative Classification Model	Vandana Navale	2023-24	Ijraset Journal For Research in Applied Science and Engineering Technology	2321-9653	IJRASET
3	Stock market analyzing and prediction using machine learning techniques	Vandana Navale	2022-23	International Research Journal of Engineering and Technology (IRJET)	e-ISSN: 2395-0056 p-ISSN: 2395-0072	IRJET

4	Overview of Gesture Recognition Based Virtual Mouse and Keyboard		2022	Ijraset Journal For Research in Applied Science and Engineering Technology	ISSN : 2321-9653	IJRASET
5	LEVERAGING FILE REPLICATION IN DATA-INTENSIVE CLUSTERS WITH ENERGY ADAPTABILITY LEVERAGING FILE REPLICATION IN DATA-INTENSIVE CLUSTERS WITH ENERGY ADAPTABILITY	Vandana Navale	2019	Open Access International Journal of Science & Engineering, Volume 4 Issue 6, June 2019	ISSN (Online) 2456-3293	IJSR
6	Analyzing Structure of Question Texts to Characterize Answerability in Quora Using SEO: A Survey Open Access	Vandana Navale	2019	International Journal of Science &Engineering	ISSN 2456-3293	IJSE
7	A Review of Machine Learning Algorithms	Vandana Navale	2018	International journal of innovative research in technology	Volum e 4 Issue 12 ISSN: 2349-6002	IJIRT

8	A Review of Machine Learning Algorithms	Vandana Navale	2018	International Journal of innovative researchin technology (ijirt) Volume 4 Issue 12	ISSN: 2349-6002, May 2018	IJIRT
9	Survey on Support Vector Machine for Data Mining	Vandana Navale	2018	International Engineering Research Journal (IERJ) Volume 2 Issue 12	ISSN 2395-1621	IERJ
10	VIDEO WATERMARKING USING CONTENT AWARE DOUBLE-SIDED EMBEDDING ERROR DIFFUSION	Vandana Navale	2018	Internation alJournal of Innovative Research in Technology ISSN: 2349-6002	ISSN: 2349-6002	IJIRT
11	PERSONALIZED TRAVEL RECOMMENDATIONS SYSTEMS A SURVEY,	Vandana Navale	2018	OAIJSE Volume 3, Issue 12, December 2018	ISSN (Online) 2456-3293	OAIJSE
12	Search Engine Optimization Based on Data Mining Approach	Vandana Navale	2017	Internation alJournal of Computer Engineering and Applications Volume XI, Issue XI	www.ij cea.co m NOV. 2017, ISSN 2321-3469	IJCEA

Publication Details (Conferences)

S.No	Document Details	Authors	Year	Conference Details	ISBN	Organized by
1.	Redefining theNetwork Security with Zero Trust Model.	Vandana Navale	2021	National Conference on Advancesin Engineering and Technology Management-2021	586321	DPCOE, Pune

PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	_	10	30

Professional Memberships

Professional Body	Level (National/ International)	Type (Fellow/Life/Annual)	Membership No.
ISTE	International	Life	LM113252

Patents/IPR Filed/Granted

S. No	Investigator Details	Title	Year	Status (Filed/Granted)	Details
1	Vandana Navale,Mr.Rahul Diwate	Machine Learning Trained Surveillance Camera System to Stop Theft Before It Performs	25/06/2021	Published	Patent ACT 1970& The patent Rules,2003

2	Vandana Navale,Varsha Dange	Neural network for ecg anomaly detection in iot environment	21/10/2022	Published	The Patent Office Journal No. 42/2022 Dated 21/10/2022
3	Vandana Navale,Varsha Dange, Dr. Mayura Vishal Shelke	Cyber security risk assessment and management system using ai and ml for enterprise network	29/09/2023	Published	The Patent Office Journal No. 39/2023 Dated 29/09/2023

Books Published

S. No	Title	Name of the Publisher	ISBN/ISSN Number
1	–	–	–

Details of Workshop/STTP/FDP/Seminar / Conferences Organized

S. No	Title	Type	Duration	Level (State/National/ International)	Sponsoring Agency
01	Workshop on Python Programming	Workshop	2 Day	National	

Contribution as Resource Person

S. No.	Place/ Organization	Topic	Level (National/Int/ State/Regional)	Date
1	DPCOE	Python Programming	Institute	2020-2021

Details of Worshop/STTP/FDP/Conferences Attended

S.N	Title	Type	Duration	Organizer	Sponsoring Agency
1	Moodle Learning Management System	workshop	9th May 2020	IIT,Bombay	spoken tutorial IIT,Bombay.
2.	Social Media Analytics and Cloud	FDP	26th April to 30th April 2021	Department of Information Technology, VIIT Pune.	VIIT Pune.
3	Artificial Intelligence	FDP	24th May 2021 to 28th May 2021	(IQAC) of Dr. D Y Patil Schoolof Engineering	DYPSCOE,Pune
4	Faculty Awareness Program on NAAC Accreditation	STTP	10/05/2020 to 15/05/2020 .	Shri Chhatrapati Shivajiraje College of Engineering, Dhankawadi	Shri ChhatrapatiShivajiraje College of Engineering, Dhankawadi
5	Python 3.4.3	FDP	20th April to 25th April 2020	Pimpari Chinchwad college of Engineering and Research	Spoken Tutorial IIT ,Bombay.
6	R Training	FDP	6th May 2020	Padmabhusha n Vasantdada Patil Prathishthan's College of Engineering	National Mission on Education nthrough ICT MHRD, Govt., o India

7	PHP and MySQL Training	FDP	9th May 2020	Marathwada Mitra Mandal's college of Engineering	National Mission on Education nthrough ICT MHRD, Govt., o India
8	Amazon Web Services	FDP	22nd August 2022 to 27th August 2022	Aissms college of engineering, pune	Brainovision solutions india pvt.ltd & All india council for technical education - aicte
9	Deep Learning Applications, Tools, Process Design and Development	FDP	20th March, 2023 to 28th March, 2023	Department of Computer Engineering in association with IIC-MESCOE	MHRD's Innovation cell
10	Embedded Systems in Real Time and Applications of IOT	STTP	25th-29th September 2023.	Department of Electronics and Telecommunicatio n Engineering	KJCOEMR,Pun e
11	EDUCATION 4.0 IN HIGHER EDUCATION	FDP	31st July 2023 and 4th August 2023.	31st July 2023 and 4th August 2023.	Vishwakarma Institute of Information Technology, Pune
12	Recent Trends in Healthcare	One week FDP	18 Dec to 22 Dec ,2023	Department of CSE - Artificial Intelligence and Machine Learning & Department of CSE - Artificial Intelligence	Vishwakarma Institute of Information Technology, Pune
13	Advancements in Artificial Intelligence	FDP	4th March to 8th March 2024.	Department of CSE - Artificial Intelligence and Machine Learning & Department of CSE - Artificial Intelligence	Vishwakarma Institute of Information Technology, Pune

14	Business Analytics	10 Hours National Faculty Development Program	5th Feb to 9th Feb 2024.	SJC Institute of Technology and Matrusri Engineering College in Collaboration with ExcelR Edtech Pvt. Ltd	AISSMS College of Engineering
15	Computational Intelligence, Distributed Computing and Computer Laboratory – III	FOP	January 4th, 2024	Department of Artificial Intelligence & Data Science	Ajeenkya DY Patil School of Engineering,Pune

Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
1	Worked as PG coordinator
2	Worked as Project coordinator
3	Worked as Seminar In charge
4	Working as Practical Exam In charge
5	Working as a GFM

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

V. V. NAVALE

(Name with Signature)