

Faculty Name: Dr. Vaishali Santosh Tidake

Highest Qualification: Ph.d. (Computer Engineering), M.E. (CSE-IT),

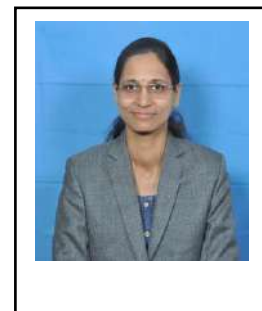
B.E. (Computer Engineering)

Designation: Associate Professor

Date of Joining the Institution: 20/12/2001

Email ID: tidake.vaishali@kbtcoe.org

Mobile No.: 9422751559



Academic Qualification

Degree	Institute Name	University Name	Year of Commencement	Year of Passing	Percentage	Grade	Qualification Status
B.E. (Computer Engg.)	K. K. Wagh College of Engg., Nashik	Pune	1995	June 1999	60.60	First class	Complete
M.E. (CSE-IT)	Vishwakarma Institute of Technology, Pune	Pune	2006	June 2008	65.85	First class	Complete
Ph.D. (Computer Engg.)	Matoshree College of Engg. and Research Center, Nashik	SPPU, Pune	2014	Feb 2021	-	-	Complete

Subject Expertise

Subject Name	No. of Years	Remarks
Theory of Computation	8	<ul style="list-style-type: none">Member of syllabus setting team for Third Year Computer Engg. Syllabus 2019 PatternChairman and Paper setter for Third Year Computer Engg. Syllabus 2015 PatternPaper setter for Third Year Computer Engg. Syllabus 2019 PatternResource person for faculty orientation program for Third Year Computer Engg. Syllabus 2019 Pattern, SPPU, Pune
Design and Analysis of Algorithms	7	<ul style="list-style-type: none">Published books by Nirali Prakashan<ul style="list-style-type: none">Final Year Computer Engg. 2012 Pattern, SPPU, PuneThird Year Computer Engg. 2015 Pattern, SPPU, PuneNorth Maharashtra UniversityWorked as Paper setter
System Programming and Operating Systems	8	<ul style="list-style-type: none">Worked as Paper setter
Object Oriented Programming	2	<ul style="list-style-type: none">Resource person for faculty orientation program for Object Oriented Programming and Computer Graphics Laboratory Second Year AI-DS Syllabus 2020 Pattern SPPU Pune

Training Programs / STTP Attended Details: 06

Training Title	Arranged By	Venue	Date	Level (International/ National)	Category (Research/ Industry Interaction/ Quality Improvement Programs)	Type (External/ Internal)
ISTE STTP "Introduction to Design of Algorithms"	IIT, Kharagpur	NDMVPS's KBTCOE, Nashik	27th April to 30th May 2015	National	Quality Improvement Programs	Internal
1-day training program on "Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013"	Maharashtra State Commission for Women and Internal Complaints Committee, SPPU	CMCS, Nashik	30 Jan 2017	University	Quality Improvement Programs	External
STTP on "Data analytics using Python"	MITU Skillologies, Pune	NDMVPS's KBTCOE, Nashik	2 May 2018 to 6 May 2018	-	Quality Improvement Programs	Internal
Training on Web Services	Sumago Infotech Nashik	Sumago Infotech Nashik	2nd May To 10th May 2019	-	Industry Interaction	External
Online Orientation Training Programme for Mentors	AICTE under NITTTTR	Online	15 Mar to 19 Mar 2021	National	Quality Improvement Programs	External
Role of Teacher: To Boost Moral values, Ethics in Engineering Education System	Department of E&TC, MVPS's, KBT College of Engineering, Nashik Sponsored by: AICTE	Online	17 th Dec. 2020 to 23 rd Dec. 2020	National	Quality Improvement Programs	External

FDP/Workshop/Seminar Attended: 36+

FDP/ Workshop Topic	Conducted By	Date	Level (International/ National)	Category (Research/ Industry Interaction/ Quality Improvement Programs)	Type (External/ Internal)
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FDP101x – “Foundation Program in ICT for Education”	NDMVPS's KBTCOE (Computer Dept.), Sponsored By: IIT Bombay	03 August to 07 September 2017	National	Quality Improvement Programs	External
FDP201x – “Pedagogy for Online and Blended Teaching-Learning Process”	NDMVPS's KBTCOE (Computer Dept.), Sponsored By: IIT Bombay	14 September to 12 October 2017	National	Quality Improvement Programs	External
Introduction to Machine Learning	NDMVPS's KBTCOE(Computer Dept.), Sponsored by: IIT Khargpur	16 December to 17 December 2017	National	Quality Improvement Programs	External
Data Science and Big Data Analytics	NDMVPS's KBTCOE(IT Dept.) Sponsored by: ICT Academy	11 December to 15 December 2017	National	Quality Improvement Programs	External
Security in Embedded System & IOT	NDMVPS's KBTCOE Nashik(Computer Department) Sponsored by: SPPU	27 Feb. To 28 Feb. 2018	State	Quality Improvement Programs	Internal
Workshop on Matlab Toolboxes	KKWIEER, Nashik	22 Jun 2018	-	Research	External
Refresher Course-NPTEL Online Certification on “Data Mining”	NPTEL IIT Kharakpur	Feb-April 2019	National	Quality Improvement Programs	External
STTP on “ICT01 NBA Accreditation ”	Guru Gobind Singh College of Engineering Nashik Sponsored by: AICTE	22 nd – 26 th April 2019	National	Quality Improvement Programs	External
Workshop on Scilab	RC 1259-NDMVPS's KBTCOE Nashik Sponsored by: IIT, Bombay	4 th May 2019	National	Quality Improvement Programs	External
Introduction to Cybersecurity Tools & Cyber Attacks	Coursera	6/15/2020 (4 weeks)	National	Quality Improvement Programs	External
FDP on “Accreditation and Outcome Based Learning”	NPTEL IIT Kharagpur	Aug-Oct 2019 (8 week)	National	Quality Improvement Programs	External

FDP on " Cyber Security"	Department of Computer Engineering,M VPS's KBT COE, Nashik Sponsored by: FDC PMMMMNTT	23/09/2019 to 28/09/2019	National	Quality Improvement Programs	External
FDP on "Data Science"	Department of Computer Engineering,M VPS's KBT COE, Nashik Sponsored by: FDC PMMMMNTT	04/11/2019 to 09/11/2019	National	Quality Improvement Programs	External
FDP on "Moodle"	Sinhgad College of Engineering, Vadgaon Sponsored by: Spoken tutorial project, IIT Bombay	04/05/2020 to 08/05/2020	National	Quality Improvement Programs	External
FDP on "Innovative Teaching Pedagogy in the technical institution"	IQAC Cell, MVPS's KBT COE, Nashik	01 – 05 June 2020	National	Quality Improvement Programs	External
FDP on "R language for data analytics and science"	Sinhgad College of Engineering, Vadgaon Sponsored by: Spoken tutorial project, IIT Bombay	27/04/2020 to 02/05/2020	National	Quality Improvement Programs	External
FDP on "Outcome Based Education: A Step Towards Excellence"	Government College of Engineering, Karad Sponsored by: Margdarshan Scheme of AICTE, New Delhi	11/05/2020 to 15/05/2020	National	Quality Improvement Programs	External
Online Workshop on "New Age Tools for Teaching Online"	Academisthan	28 – 30 June 2020	State	Quality Improvement Programs	External
Online Workshop on Academic Book Writing & Related Topics	Springer Nature	22 May 2020	-	Quality Improvement Programs	External
Leadership and emotional Intelligence	Coursera	04/07/2020 (4 weeks)	National	Quality Improvement Programs	External

Requirements Gathering for Secure Software Development	Coursera	23/10/2020 (4 weeks)	National	Quality Improvement Programs	External
OBE-An Integrated Approach	E & TC department , MVPS's KBT College of Engineering, Nashik	11 Dec. 2020 to 15 Dec. 2020	-	Quality Improvement Programs	Internal
Artificial Intelligence	ABV – Indian Institute of Information Technology and Management Gwalior Sponsored by:	23 Nov. to 27 Nov. 2020	National	Quality Improvement Programs	External
Intellectual Property Rights	Department of Computer Engg. MVPS's KBTCOE, Nashik	9 Nov. to 11 Nov 2020	State	Quality Improvement Programs	External
Universal Human Value	All India Council for Technical Education (AICTE).	28 July to 1 August, 2020	National	Quality Improvement Programs	External
Emerging Technologies in Engineering	Department of Computer Engg. MVPS's KBTCOE, Nashik	24 Sept. to 26 Sept. 2020	State	Quality Improvement Programs	External
Cyber Security	Department of Computer Engg. MVPS's KBTCOE, Nashik	17-19 May 2021	State	Quality Improvement Programs	External
Social, Media, Analytics & Cloud	VIIT, Pune	26-30 April 2021	State	Quality Improvement Programs	External
Role of ICT in Teaching Learning Process	Sanjivani COE, Kopargaon Sponsored by: AICTE-ISTE	5-11 May 2021	National	Quality Improvement Programs	External
Research Skills Development	IT Dept., MVPS's KBTCOE, Nashik	10-14 May 2021	National	Research	External
FOP on Computer Graphics	BVCOEW, Pune in association with BOS (Computer Engg.), SPPU	04/07/2020	University	Quality Improvement Programs	External
FDP on OOP and Computer Graphics Laboratory	APCOER, Pune in association with BOS (Computer Engg.), SPPU	11/07/2020	University	Quality Improvement Programs	External
FDP on Outcome Based Education	Viveknand Education Society Business School Sponsored by: ATAL	11/01/2022 to 15/01/2022	National	Quality Improvement Programs	External

FDP on Advances in Artificial Intelligence	Siksha 'O' Anusandhan (Deemed to be University) Sponsored by: ATAL	21/01/2022 to 25/01/2022	National	Quality Improvement Programs	External
FDP on Internet of Things	Technocrats Institute of Technology, Bhopal M.P. Sponsored by: ATAL	08/02/2022 to 12/02/2022	National	Quality Improvement Programs	External

FDP/Workshop/Seminar Organized: 04

FDP/ Workshop Topic	Conducted By	Date	Level (International/ National)	Category (Research/ Industry Interaction/ Quality Improvement Programs)	Type (External/ Internal)
Intellectual Property Rights	Department of Computer Engg. MVPS's KBTCOE, Nashik	9 Nov to 11 Nov 2020	State	Quality Improvement Programs	External
Microprocessor & Microprocessor Laboratory (SE 2019 Course)"	Department of Computer Engg. MVPS's KBTCOE, Nashik	1 Feb to 2 Feb 2021	University	Quality Improvement Programs	External
1-day Nirbhay Kanya Abhiyan Karyashala	Women's Redressal Cell and ICC, MVPS's KBTCOE, Nashik	5 Feb 2019	Institute	Quality Improvement Programs	Internal
1-day Nirbhay Kanya Abhiyan Karyashala	Women's Redressal Cell and ICC, MVPS's KBTCOE, Nashik	23 Feb 2022	Institute	Quality Improvement Programs	Internal

Expert Talks Delivered: External:11,Internal:04)

Expert Talk Topic	Conducted By	Date	Level (International/ National)	Category (Research/ Industry Interaction/ Quality Improvement Programs)	Type (External/ Internal)
Content Updating Programme titled "Advanced JAVA Programming"	GGSP, Nashik, IT	21 Dec 2010	State	Quality Improvement Programs	External
Theory of Computation	BVCOE, Lavale, Pune	3 Aug 2021	University	Quality Improvement Programs	External

Object Oriented Programming and Computer Graphics Laboratory	MET's IOE, Nashik	24 Aug 2021	University	Quality Improvement Programs	External
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International/ National Conference Attended Details: 15

International: 08

National: 04

University: 03

Name	Venue	Date	Level (International/ National)	Category (Research/ Industry Interaction/ Quality Improvement Programs)	Type (External/ Internal)	Sponsored By
2 nd International Conference on Intelligent Computing and Communication	MIT College of Engineering, Pune	2-4 Aug 2017	International	Research	External	MIT College of Engineering, Pune supported by AICTE and CSIR, Gov. of India
Conference on IPR, Patents, Copyrights, Innovations & Startups CIPCIS 2020	PCCOER, Ravet, Pune	18-19 Feb 2021	-	Research, Industry Interaction	External	-
First Doctoral Symposium on Natural Computing Research DSNCR 2020	SKNCOE, SSPU, Pune		International	Research	External	SKNCOE, SSPU, Pune in association with Springer Nature
International Conference on Intelligent Systems, Data Science and Computing (ICIDC-2020)	RCOEM, Nagpur	27-28 Nov 2020	International	Research	External	RCOEM, Nagpur in association with SRH University, Heidelberg, Germany

Research Papers Published in Peer Reviewed Journals: 12

International: 10

National : 02

ISSN/ISBN No.	Paper Title	Publish Date	Journal Name	Level (International/National)	Paper Status	Authors
	Design of Bridge Monitoring System based on IOT	10.18311/mvpjes/2018/v1i1/18258 June 2018	MVP Journal of Engineering Sciences	-	Published	Snehal Sonawane, Nikita Bhadane, Sayali Zope, Ashitosh Pangavhane, V. S. Tidake
	Multilabel classification: a survey	April 2019	International journal of Engineering and Technology	International	Published	V.S.Tidake , Dr. S. S. Sane
	A Novel Algorithm for Multi-label Classification by Exploring Feature and Label Dissimilarities	July 2019	International Journal of Computer Information Systems and Industrial Management Applications	International	Published	V.S.Tidake , Dr. S. S. Sane
eBook ISBN 978-981-334-073-2 Series ISSN 2367-3370	Effect of Distance Metrics on Multi-label Classification	April 2021	Lect. Notes in Networks, Syst., Vol. 169: Proceeding of First Doctoral Symposium on Natural Computing Research, Publisher Springer Singapore	International	Published	Vaishali S. Tidake, Shirish S. Sane
Print ISSN: 0974-6455 Online ISSN: 2321-4007	Efficient Multi-label Classification using Attribute and Instance Selection	Dec 2020	Biosc.Biotech. Res.Comm. Special Issue Vol 13 No 14 (2020) Pp-221-226	International	Published	Shirish S. Sane, and Vaishali S. Tidake
ISBN13: 9781799873716, SBN10: 1799873714, EISBN13: 9781799873730, ISBN13 Softcover: 9781799873723	Effective Multi-Label Classification Using Data Preprocessing (Book Chapter)	June 2021	Data Preprocessing, Active Learning, and Cost Perceptive Approaches for Resolving Data Imbalance, IGI Global, pp. 90-109 (Handbook)	International	Published	Vaishali S. Tidake, Shirish S. Sane

Professional Membership Details

Membership Body	Details	Duration	Level (International/ National)
Indian Society for Technical Education (ISTE)	LM-41928	Life member	National
Institution of Engineers, India	M-141450-4	Member	National

Books Published

ISBN	Title		Publisher	Publish Year
	Data Structures in C++	Second Year Computer Engg. 2008 Pattern SPPU	Nirali Prakashan, Pune	Jan 2004
-	Design and analysis of Algorithms	Third Edition Final Year Computer Engg.2008 Pattern SPPU	Nirali Prakashan, Pune	Mar 2008
978-93-5164-371-5	Design and analysis of Algorithms	First Edition Third Year Information Technology 2012 Pattern SPPU	Nirali Prakashan, Pune	Nov 2014
-	Object Oriented Programming using C++	First Edition MCA (Engg.) Sem II MCA (Management) Sem III SPPU	Nirali Prakashan, Pune	Oct 2006
978-93-5164-412-5	Analysis and Design of Algorithms	First Edition Third Year Computer Engg. North Maharashtra University	Nirali Prakashan, Pune	Jan 2015
978-93-87397-75-0	Design and analysis of Algorithms	First Edition Third Year Computer Engg. 2015 Pattern SPPU	Nirali Prakashan, Pune	Jan 2018
978-93-5164-704-1	Design and analysis of Algorithms	First Edition Final Year Computer Engg. 2012 Pattern SPPU	Nirali Prakashan, Pune	July 2015
978-93-88897-21-1	Design and analysis of Algorithms	Second Edition Second Year Computer Engineering, Semester 4, Dr. Babasaheb Ambedkar Technological University (DBATU)	Nirali Prakashan, Pune	Jan 2020

Product Development: 01

Topic: Mobile Application (Android based) namely Arthdoot Saksharta Doot "□□□□ □□□□□□□□ □□□". This App is devoted to noble cause of spreading the 'Financial Literacy' in the society. This project has been developed by the team members upon their interest in the project theme. Developed for: Alparambha Educational and Cultural Foundation, Nashik

Awards Received: 04

- Best Paper Award:
"Evaluation of Multi-label classifiers in various domains using decision tree", 2nd International Conference on Intelligent Computing and Communication ICICC 2017 organized by MITCOE, Pune supported by AICTE and CSIR on 2-4 Aug 2017
- Best Paper Award and Letter of Award:

- Best Paper Award: “Effect of Distance Metrics on Multi-label Classification”, First Doctoral Symposium on Natural Computing Research DSNCR 2020 on 8th Aug 2020 awarded Best Paper in the domain Machine Learning
 - Letter of Award: Springer Nature and DSNCR awarded a gift voucher for the value of EUR 200 (two hundred euros) for Best paper in First Doctoral Symposium on Natural Computing Research DSNCR 2020
3. Best Paper Award:
“Efficient Multi-label Classification using Attribute and Instance Selection”, International Conference on Intelligent Systems, Data Science and Computing (ICIDC 2020) organized by RCOEM, Nagpur in association with SRH University, Heidelberg, Germany on 27-28 Nov 2020

Worked/ Working as a Reviewer: 07

1. Reviewer for International conference on “Recent Trends in Engineering and Technology” ICRTET 2013 held by SNJB, Chandwad
2. Reviewer for International conference on “Recent Trends in Engineering and Technology” ICRTET 2014 held by SNJB, Chandwad
3. Reviewer and Session Chair for Third Postgraduate Symposium cPGCON 2014 organized by University of Pune held at Matoshri COER, Nashik
4. Reviewer and Session Chair for fourth Postgraduate Symposium cPGCON 2015 organized by University of Pune held at MET IOT, Pune
5. Reviewer for second international conference ICCUBEA 2016 organized by PCCOE, Pune
6. Reviewer for fifth international conference on Emerging Trends in Computing ICCETC 2018 organized by KKWIEER, Nashik
7. Reviewer and Session chair for Virtual International Conference on Emerging Trends In Intelligent Computing (ICETIC’21) held by SVKM’S-IOT,Dhule on 23-24th December 2021

Worked as Session Chair: 08

Member of National Advisory Committee and Keynote Speaker: 01

1. AICTE Sponsored International Conference on Recent Trends in Engineering, Technology and Management RTETM-22 conducted on 23-25 Feb 2022

Responsibilities held Under SPPU, Pune:

- CAP Director: 01
- Member of University UGC Interview committee: 01
- Senior supervisor (External and Internal)
- Paper setter and examiner

Specific Achievements:

- Letter of Award: Springer Nature and DSNCR awarded a gift voucher for the value of EUR 200 (two hundred euros) for Best paper “Effect of Distance Metrics on Multi-label Classification” in First Doctoral Symposium on Natural Computing Research DSNCR 2020

Any Other:

A. Major Responsibilities:

1. Worked as Head, MCA(Engineering), MVPS’s KBTCOE, Nashik from 07/08/2010 to 28/08/2012
2. Worked as Head, Department of Computer Engineering, MVPS’s KBTCOE, Nashik from 07/08/2021 to 15/12/2021
3. Worked as a CAP DIRECTOR, MCA(Engineering), University of Pune, held at NDMVPS’s KBT COE, Nashik, Dec 2011
4. Worked as Co-convener for National Conference on Advances in Database, Network and Information Security MVP-Kshitij-ADNIS 2012 for Paper presentation held in March 2012 organized by Dept. of Computer Engineering, NDMVPS’s KBT COE, Nashik
5. Worked as Exam Coordinator for MCA-MHT-CET 2012 entrance exam in NDMVPS’s KBT COE Center conducted by DTE in March 2012
6. NBA Coordinator for Dept. of Computer Engineering and NBA committee member for KBTCOE, Nashik
7. Working as President of Women’s Redressal Cell and Internal Complaints Committee in KBTCOE, Nashik from 14 December 2016 till date.
8. Assistant CAP Director, TE CAP, Nov-Dec 2018, SPPU

9. Worked as Coordinator for Direct Second Year Admission Reporting in NDMVPS's KBT COE in 2014-2015

B. Other Responsibilities:

1. Worked as a member of CAP, MCA(Engineering), University of Pune, held at NDMVPS's KBTCOE, Nashik, Dec 2008
2. Worked as a member of CAP, MCA(Engineering), University of Pune, held at NDMVPS's KBTCOE, Nashik, May 2009
3. Worked as Coordinator for State level event MVP-Kshitij 2010 for Paper, project, poster presentation/competition held in March 2010 organized by Computer Dept., NDMVPS's KBTCOE, Nashik
4. Worked as Coordinator of 2-days State level seminar on "Linux Networking" held in April 2010 organized by Computer Dept., NDMVPS's KBTCOE, Nashik
5. Worked as Exam Coordinator for MCA-MHT-CET 2011 entrance exam in NDMVPS's KBTCOE Center conducted by DTE in March 2011.
6. Worked as Coordinator for State level event MVP-Kshitij 2011 for Paper, project, poster presentation/C programming competition held in March 2011 organized by Dept. of Computer, IT and MCA, NDMVPS's KBTCOE, Nashik
7. Worked as Convener for National level event MVP-Kshitij 2012 for project, poster presentation/C programming/ gaming/ quiz competition held in March 2012 organized by Dept. of Computer, IT and MCA, NDMVPS's KBTCOE, Nashik
8. Worked as Seminar Coordinator and Project Coordinator for Dept. of Computer Engineering
9. Worked as Incharge of various committees for Cultural events in Fusion of NDMVPS's KBTCOE, Nashik
10. Member of Admission Committee from June 2019
11. Singing Coordinator in RECONNECT 2020, an Online symposium

Declaration

I hereby declare that all the above information furnished by me are true to the best of my knowledge.

Date: 10/03/2022

Signature
Dr. Vaishali Santosh Tidake