Personal Information:

Name   : Dr. Vandana Chetan Bagal
Designation   : I/c Head and Associate Professor (Department of MCA)
Contact Number : Office: (0253) – 2221286   Mobile   : +91 8378970452
E-Mail : vcbagal@kkwagh.edu.in

Date of Joining : 8th July 2004

Educational Qualifications:

- Ph.D. in the faculty of Computer Science in 2017 from Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

- MCA in First Division in 2003 from North Maharashtra University, Jalgaon

- BCS in First Division in 2000 from Pune University, Pune

Professional Experience Details:

Experience   : **19 Years**

Sr No	Position / Designation held	Period		Name of the employer	Nature of appointment
		From	To		
1.	I/c Head and Associate Professor	21st Sep. 2017	Till date	K. K. Wagh Institute of Engineering Education and Research	Regular
2.	I/c Head and Assistant Professor	22nd July 2013	20th Sep. 2017	K. K. Wagh Institute of Engineering Education and Research	Regular
3.	Assistant Professor	31st Dec. 2010	21st July 2013	K. K. Wagh Institute of Engineering Education and Research	Regular
4.	Lecturer	1st Aug. 2007	30th Dec. 2010	K. K. Wagh Institute of Engineering Education and Research	Regular
5.	Lecturer	8th July 2004	15th June 2007	K.K.Wagh Arts,Commerce,Science &Computer Science College, Nashik	Ad-Hoc

Paper Publication :

Sr. No.	Title of Research Paper	Conference/ Journal Name	National / International	Date of Publication	Page no.	DOI/ISSN
1.	Advances in real time object detection and information retrieval : A review	Artificial Intelligence and applicaitons	International	28th March 2023	Vol. 1, No. 3(2023)	

						https://doi.org/10.47852/bonviewAIA3202456
2.	Diagnosing Microscopic Blood Samples for Early Detection of Leukemia by Deep and Hybrid Learning Techniques	Part of Springer Nature - Proceedings of the First International Conference on Advances in Computer Vision and Artificial Intelligence Technologies (ACVAIT 2022)	National	10th Aug. 2023	23-28	10.2991/978-94-6463-196-8_4
3..	Review on Multimodel Biometric Recognition System using Machine Learning	Artificial Intelligence and Applications	International	14th July 2023	Vol. 1, Issue 1, Jan 2023	https://doi.org/10.47852/bonviewAIA3202593
4.	Social Media Mining Using Machine Learning Techniques as a Survey	Part of Springer Nature - Proceedings of the International Conference on Applications of Machine Intelligence and Data Analytics (ICAMIDA 2022)	National	1st May 2023	-	10.2991/978-94-6463-136-4_77
5.	Critical Analysis on Review of Spirometry Research Work for Early Detection of Lung Diseases	Part of Springer Nature-Proceedings of the International Conference on Applications of Machine Intelligence and Data Analytics (ICAMIDA 2022)	National	1st May 2023	-	10.2991/978-94-6463-136-4_78
6.	Feature Extraction of Plant Species from Leaf Architecture	IEEE's International Conference on Electrical, Electronics and Optimization Techniques	International	3rd-5th March 2016	4079-4080	978-1-4673-9939-5
7.	Techniques for Plant Species Retrieval using various Shape Methods	International Journal of Scientific and Research Publications	International	Dec. 2014	2250-3153	ISSN 2250-3153
8.	Orthogonalise Digital Morphological Features using	International Research Journal of Engineering and Technology	International	Nov. 2016	182-187	e-ISSN: 2395 -0056 p-ISSN: 2395-0072

	Principal Component Analysis					
9.	A Survey on Plant Species Classification based on Morphological Features of Leaf	International Journal of Advances in Engineering and Technology	International	May 2014	2231-1963	ISSN: 22311963
10.	A Method of Feature Extraction from Leaf Architecture	International Journal of Advanced Research in Computer Science and Software Engineering	International	July 2015	2277 128X	ISSN: 2277 128X
11	Motion Detection of Senior Citizen Using Machine Learning	International Journal of Science and Research	International	July 2022	1487-1491	2319-7064
12	Image based Tracking for Missing Person through Mobile Application	International Journal of Scientific Research in Engineering and Management	International	August - 2022	-	ISSN: 2582-3930
13	Healthcare Predication Using ML	International Journal of Innovative Research in Computer and Communication Engineering	International	September 2022	8048-8053	e-ISSN: 2320-9801, p-ISSN: 2320-9798 DOI: 10.15680/IJIRCCE. 2022.1009014
14	Future of Artificial Intelligence – A Review	International Journal of Innovative Research in Computer and Communication Engineering	International	September 2022	8043-8046	e-ISSN: 2320-9801, p-ISSN: 2320-9798 DOI: 10.15680/IJIRCCE. 2022.1009013
15	Recognition of Plant Species Genus based on Normalized Features of Leaf	National Conference on Recent Trends in Management and Computing	National	17th-18th Jan. 2014	-	-

Coursera Certification :

1. The Data Scientist's Toolbox
2. Overview of Data Visualisation
3. Programming for Everybody
4. Initiation a Google Drive
5. R Training certification by sopken tutorial
6. General Academic English

Invited Talks :

1.	Delivered a talk on 'Hyperledger' in Faculty Development Program.
2.	Delivered a talk on **"Introduction to Software Testing"** at CHME Society's Dr. Moonje Institute of Management and Computer Studies

3.	Delivered a talk on **'Statistics in Python'** in workshop organized by department of MCA of KKWIEER
4.	Delivered a talk national level webinar on **'E-Content development'** organized by K.K.Wagh Institute of Engineering Education and Research, Nashik
5.	Delivered a talk on **'Google Classroom'** for school teachers
6.	Delivered a session on ' Healthcare Monitoring System' at STTP organized by Narasaraopeta Engineering College(Autonomous) in association with AICTE
7.	Delivered a talk on **'Operating System Concepts'** at Karmaveer Adv. Baburao Thankre College of Engineering
8.	Delivered a talk on **'Software Testing'** for postgraduate students of K.K.Wagh Arts, Commerce and Science and Computer Science college, Nashik.
9	Delivered a talk on **'Database Management System and Career Opportunities'** at SMRK Mahila Mahavidyalaya

Honors and Awards :

1. Received "Outstanding Woman in Science" award from Venus International Foundation for the contribution and achievement in the field of Computer Science on 3rd March. 2018.

2. On the occasion of birth anniversary of Savitribai Phule , received recognition from Miradaya Social and Educational Society for the completion of Ph.D degree on 3rd Jan. 2018

3.100% result award in theory examination held by University of Pune in Academic Year 2011-12 in the subject " Software Testing" of MCA, third year

4. Received recognition from K.K.Wagh Institute of Engineering Education and Research for completing 10 years continuous service.

Association with Professional Bodies:

Sr. No.	Name	Type (Life / Yearly)	Membership No	Period	
				From	To
1	CSI	Life	I1502396	2014 - Lifetime	

Contribution In Curriculum Development

-MCA 2019 pattern
-MCA 2020 pattern
-MCA Autonomous curriculum

Areas of Interest:

Operating System, Image Processing, Networking, Data Science, Machine Learning

Subject Taught Details:

C, Data Structures and Files, Operating System, UI/UX Design, Computer Graphics, System Programming, Theoretical Computer Science, Artificial Intelligence, Java, Probability and Statistics, Software Testing, Computer Communication and Network, Object Oriented Analysis and Design, Principles of Programming and Practices, Management Science, Management Theory and Practices, Discrete Mathematics