

Somaiya Vidyavihar University

Name: Bharathi H N		E-mail: bharathihn@somaiya.edu	
Contact No: 022 66449127			
Department/Section: Computer Engineering			
Institute / School : K J Somaiya School of Engineering			
DOJ Somaiya:01/01/2025	Career Experience: 28 Yrs	Industry Experience: 2 Yrs	Teaching Experience: 26 Yrs
Present Academic Designation: Assistant Professor		Present Administrative Designation:	

Area of research/specialization and Courses Delivered	
Research domain/interests/areas 1. Data Science Courses Delivered 1. Data Science and Analytics 2. Data Mining 3. Bigdata Analytics 4. Modern Data Architecture 5. Software Architecture and Design thinking 6. Database management systems	

Recognition as a teacher by any University	UG: Yes	PG: Yes	Ph.D : No
Details of Recognitions 1. 2.			

Education					
Examination	Name of the Degree	University/Board	Institute/College	Year	CPI/SPI/ %Marks
Ph.D					
PG	Computer Engineering	University of Mumbai	Thadomal Sahani College of Engineering	2008	63%
UG	Computer Science and Engineering	University of Mysore	Malnad College of Engineering	1995	64%
Diploma					
NET/SET/Other					

Notable Experience Details					
Sr. No	Name of the organization	Designation	Date of Joining	Date of Leaving	Experience (Years)
1.	Seva Automobile	E.D.P Incharge	01/05/1995	4/12/96	1.5 yrs
2.	Muchala Polytechnic	Lecturer	01/07/1997	31/12/2000	2.5yrs

Research Accomplishments and Projects	
No of students pursuing Ph.D as on date:	No of students completed Ph.D as on date:
No of students completed PG thesis / Project work as on date: 08	No of students / groups completed UG projects as on date: 45 groups

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Publications Total:14	Number of Peer review Journal papers: 2	Number of Conference papers:1
Details of Publications: International Journals 1. Decision support system for inventory management using data mining 2. Study of Density Based Algorithms 3. Information Retrieval using Dempster-Shafer Theory 4. Comparative Study of Apriori Algorithms for Parallel Mining of Frequent Itemsets 5. Veins based Authentication System 6. Gujarati WordNet - A Lexical Database 7. RFID Based Toll Automation System 8. Stock trend prediction using news sentiment analysis 9. Credit Card Fraud Detection Using HMM and DBScan 10. Movie Review System Using Sentiment Analysis 11. Parallel Processing of Frequent Itemset based on MapReduce Programming Model 12. Need Based Students' Scholarship: PUSH KJSCE-A Success Story 13. Efficient Agricultural data analysis for recommending crop cultivation using Data Mining Techniques Conferences 1. Parallel Processing of Frequent Itemset based on MapReduce Programming Model		

FDPs/Seminars/Workshops/Training Programs Attended/ Organized/ Delivered
1.AS/400e CL/400,DB2/400,RPG/400,QUERY/400,SQL/400,CLIENT ACCESS/400 ILE-RPG/400(PROJECT) 2. Document Image Analysis & Recognition 3. Geographic Information Systems. 4. DATA WAREHOUSING & DATA MINING 5. C# Programming" 6. 'Data Warehousing and Mining 7. Effective Teaching and Learning of Computer Programming " 8. Workshop for Database Management Systems 9. Software Architecture Design Patterns : Concepts & Implementation. 10. Software Development Techniques for Teachers of Engineering and Science Institutes 11. NBA's Outcome Based Accreditation. 12. Machine Learning Applications for spatio temporal data Analytics 13. Online FDP on "Disruptive Technologies of Industry 4.0" 14. Recent Trends and Applications of Machine Learning and Deep learning in IT" 15. Emerging Research trends in Computer Science and IT

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16. ONLINE TEACHING and E-Content
17. Nurturing Research Mind
18. Data Analytics
19. Arcgis Pro:Geographic Information System”
20. “Deep Learning Networks and It's Applications”
21. IPR awaerness
22. “Deep Learning Networks and It's Applications”
23. Introduction to ML,NLP & Chat Bots
24. "Summer School in Geospatial Science And Technology"
25. on Geo-AI: Innovations in AI for Improved Spatial Data Processing
26. ISRO'S Earth Observation Data Hub - Bhoonidhi
27. First world meditation day
28. Generative AI and the Future of Work
29. Advances in Computing and IT revolution (ACIR-25)

Organized

1. SOCIAL MOBILE, ANALYTICS AND CLOUD
2. Solar Photovoltaics: Fundamentals, Technologies and Applications.
3. “Data Warehousing and Mining ”
4. “Effective Teaching and Learning of Computer Programming .
5. Organised “Emerging Trends in Computers, Communication and Information Technology”, National conference

Delivered

1. Summer School in Geospatial Science And Technology

Notable Key Scholastic Achievements

1.	
2.	

Notable Positions and Responsibility

1.	Head of Computer Engineering Department during Nov-2013 to June-2017
2.	



Date: 01 /10 / 2025

Signature of Faculty Member