

Somaiya Vidyavihar University

Name: Miss Poonam M Bhogle		E-mail: poonambhogale@somaiya.edu	
Contact No: 022-66449103			
Department/Section: Computer Engineering			
College: K J Somaiya College of Engineering			
DOJ Somaiya: 5 th September 2005	Career Experience: 17 Yrs	Industry Experience: ___ Yrs	Teaching Experience: 17 Yrs
Present Academic Designation: (Professor/Associate Professor/ Assistant Professor)		Present Administrative Designation: (Principal/Vice-Principal/ Associate Dean/ HOD etc)	

Area of research/specialization and Courses Delivered
<p>Research domain/interests/areas</p> <ol style="list-style-type: none"> 1. Image Processing 2. Software Engineering 3. Networking <p>Courses Delivered</p> <ol style="list-style-type: none"> 1. Digital Signal & Image Processing 2. Embedded Systems 3. Multimedia System Design 4. Project-i 5. Project-ii 6. Computer Organization & Architecture 7. Computer Graphics 8. Digital Logic Design and Analysis 9. Electronic Circuits and Communication Fundamentals 10. Advanced Microprocessor 11. Computer Networks 12. Environmental Studies 13. Microprocessor 14. Object Oriented Software Engineering 15. Seminar 16. User Experience Design 17. Software Engineering 18. Software Testing and Quality Assurance

Recognition as a teacher by any University	UG: Yes/No	PG: Yes/No	Ph.D : Yes/No
NA			

Education					
Examination	Name of the Degree	University/Board	Institute/College	Year	CPI/SPI/ %Marks
PG	Computers (ME)	Mumbai	KJSCE	2014	First Class with Distincti

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UG	EXTC (BTech)	SNDT	SNDT , Santacruz , Mumbai	2005	First Class
Diploma	Industrial Electronics	MSBTE	Vartak College ,Vasai	2002	First Class

Notable Experience Details

Sr. No	Name of the organization	Designation	Date of Joining	Date of Leaving	Experience (Years)
1.	KJSCE	Assistant Professor	5 th September 2005	Till Date (Working)	17

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: 01 (in progress)	No of students / groups completed UG projects as on date: 15+
Publications Total: 12	Number of Peer review Journal papers: 11
Number of Conference papers: 1	

Sr. No.	Name/s of Author /s / Faculty	Title of paper/STTP/WS attended etc.	Affiliation of Publication/Organizers of STTP WS etc.	Conference / journal / WS / STTP / Colloquium / Transaction / International Conference abroad / Seminar	Month	Year
1.	Ms. Poonam Bhogle	Oil Spill Detection in SAR images using texture entropy algorithm and Mahalanobis classifier	International Journal of Engineering Science and Technology (IJEST), ISSN-0975-5462, Volume 4 , No.12.	International Journal	December	2012
2.	Ms. Poonam Bhogle	Implementation of Breast Tumor Demarcation in Digital Mammograms using Local Thresholding and Mathematical Morphology.	International Journal of Computer Applications (0975 – 8887) Volume 66– No.24.	International Journal	March	2013
3.	Ms. Poonam Bhogle	An Efficient CAD System for Detection and Classification of Tumors in Mammographic Images using Variety Features and Probabilistic Neural Network	Confulence 2013 , IET digital library 2013 , IEEE Explorer	Conference	May	2014
4.	Ms. Poonam Bhogle	Computer-Aided Breast Tumor Segmentation	International Journal of Computer Applications (0975 – 8887) Volume 115 – No. 19	International Journal	April	2015
5.	Ms. Poonam	Comparison of Graphical Password	International Journal of Computer Applications (0975	International Journal	April	2015

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	Bhogle	Authentication Techniques	– 8887) Volume 116 – No. 1.			
6.	Ms. Poonam Bhogle	Brain Tumor Segmentation	International Journal of Computer Applications (0975 – 8887) Volume 138 – No.13.	International Journal	March	2016
7.	Ms. Poonam Bhogle	Vehicle License Plate Detection and Recognition System,	International Journal of Computer Applications (0975 – 8887) Volume 137 – No.9.	International Journal	March	2016
8.	Ms. Poonam Bhogle	Heart Track: Automated ECG Analysis for Detecting Myocardial Infarction.	International Journal of Computer Applications (0975 – 8887) Volume 138 – No.9,	International Journal	March	2016
9.	Ms. Poonam Bhogle	Kidney Tumor Segmentation and Classification on Abdominal CT Scans	International Journal of Computer Applications (0975 – 8887) Volume 164 – No 9.	International Journal	April	2017
10	Ms. Poonam Bhogle	CAD for Hepatic Tumor Detection in CT Images	International Journal of Computer Applications (0975 – 8887) Volume 163 – No 10.	International Journal	April	2017
11	Ms. Poonam Bhogle	Brain Tumor Detection and Classification – A Survey	12th INDIACOM 2018,5th International conference on Computing for sustainable global development,IEEE conference,New delhi	Conference	August 2018	2018
12	Ms. Poonam Bhogle	A Survey On Lung Cancer Detection Using Computerized Tomography (CT) Images.	12th INDIACOM 2018,5th International conference on Computing for sustainable global development,IEEE conference,New delhi	Conference	August 2018	2018

FDPs/Seminars/Workshops/Training Programs Attended/ Organized/ Delivered

Attended

1. Attended Five-day Short Term Training Program on “Technology Convergence and its practices” organized by STTP organized by SPIT, Andheri, India in May 2017.
2. Attended Two-Day Weekend Training Program on “Introduction to Machine Learning” Faculty Development Programme, organized by IIT Kharagpur, India at KJSCE remote center in December 2017.
3. Attended 5 days Short Term Training Program on “Numerical Techniques in Engineering” organized by STTP organized by SPIT, Andheri, India in December 2017.
4. Attended Two-Day Hands-on workshop on “Wireless Sensor Networks and IoT”, organized by KJSCE, Vidyavihar, India in February 2018.
5. Attended one day hands on session on “Internet of Things (IOT)”, organized by KJSCE, India in March 2018.
6. Attended College to Corporate program on Soft Skills , Work place communication and IT Professional by IITB , 2019
7. Attended a workshop on Innovation, IPR, Entrepreneurship, and Start-ups among HEIs, organized by Institute’s Innovation Council MHRD’s Innovation Cell, May 2020.
8. Attended Six days online FDP on AI-Data Science – The Future of Tomorrow, organized by RGIT, Mumbai July 2021.

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9. Attended five days online FDP on Disruptive Technologies of Industry 4.0, organized by FRCRCE, Mumbai June 2021.
10. Attended five days online FDP on Recent Trends and Applications of Machine Learning and Deep Learning IT, organized by RAIT, Mumbai May 2021.

Organized

1. Course Co-ordinator , IIT Workshop on Financial Literacy , India
2. Organized Seminar on Agile Methodologies ,KJSCE , India
3. Attended Training for JAWS(Job Access With Speech)workshopat KJSCE,India
4. Organized hands on session on Matlab tools for faculty at KJSCE, India
5. Organized workshop on basics of Internet of Things for students at KJSCE, India.
6. Organized Industrial Visit for students at Citius Tech, Mumbai, India for Corporate Industry exposers.
7. Organized Industrial Visit for students at Capgemini, Mumbai, India for Corporate Industry exposers.
8. Organized Industrial Visit for students at start-up companies like Parallax and Kustard, Mumbai, India.

Delivered

- Speaker, Delivered a session on CISCO Packet Tracer Simple Network Simulation and NS-2 Basics in K-ENHANCE 2018, KJSCE, Mumbai, India.
- Attended Teaching and Evaluation Technology Program, Citius Tech, Mumbai, India.
- Reviewer , IndiaCom-2019, Mumbai, India.
- Worked as Member, Indiacom -2019 in organizing Special Session on Analytics Machine Learning & Internet of Things, India.

Notable Key Scholastic Achievements

1.	Reviewer , IndiaCom-2019, Mumbai, India.
2.	Worked as Member, Indiacom -2019 in organizing Special Session on Analytics Machine Learning & Internet of Things, India.

Notable Positions and Responsibility

1.	Public Relations, □□KJSCE, Mumbai, India.
2.	Committee Member ,Faculty Grievance Cell , Institute level , KJSCE, Mumbai , India
3.	Member, Departmental Exam Committee, KJSCE, Mumbai, India.
4.	Criteria Head, Department level, National Assessment and Accreditation Council (NAAC), KJSCE, Mumbai, India.
5.	Worked as Member, Departmental Newsletter Committee, KJSCE, and Mumbai, India.
6.	Worked as Member, Departmental Timetable Committee, KJSCE, and Mumbai, India.

Date: 06 / 02 / 2023

Poonam M Bhogle
Signature of Faculty Member