

Somaiya Vidyavihar University

Name: Kavita M Kelkar		E-mail:kavitakelkar@somaiya.edu	
Contact No: 022-66449108			
Department/Section: Computer Engineering			
College: K J Somaiya College of Engineering			
DOJ Somaiya: 01 June 2000	Career Experience: 25Yrs	Industry Experience: 2Yrs	Teaching Experience: 23 Yrs
Present Academic Designation: A P		Present Administrative Designation: Data Centre In-charge	

Area of research/specialization and Courses Delivered
Research domain/interests/areas 1. Affective Computing 2. Machine Learning 3. Algorithms Courses Delivered 1. Advanced Algorithms 2. Machine Learning 3. Simulation and Modeling

Recognition as a teacher by any University	UG: Yes	PG: Yes	Ph.D : No
Details of Recognitions 1. Approved by University of Mumbai as UG and PG Teacher			

Education					
Examination	Name of the Degree	University/Board	Institute/College	Year	CPI/SPI/ %Marks
Ph.D	Thesis is submitted	Mumbai	Sardar Patel Institute of Technology, Mumbai		
PG	M E	Mumbai	VESIT, Mumbai	2005	70%
UG	B E	Pune	COEW, Pune	1996	65%
Diploma	-	-	-	-	-
NET/SET/Other	-	-	-	-	-

Notable Experience Details					
Sr. No	Name of the organization	Designation	Date of Joining	Date of Leaving	Experience (Years)
1.	Werardt Systems	Software Engineer	January 1997	December 1999	02
2.	S P I T	Lecturer	January 2000	May 2000	06 months

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: 20 +		No of students / groups completed UG projects as on date: 50 +
Publications Total:	Number of Peer review Journal papers: 02	Number of Conference papers:
Details of Publications: International Journals		
1. Kavita Kelkar, Dr J W Bakal, "Design of Cognitive MCQ test in Virtual Learning Systems to		

Somaiya Vidyavihar University

Determine Learner Affect”, International Journal of Recent Technology and Engineering (IJRTE)’, ISSN: 2277-3878, January 2020

2. Kavita Kelkar, Dr J W Bakal, “Adaptive MCQ Test Generation Based on Affective State Feedback”, Seybold, August 2020

Conferences:

1. Kavita Kelkar, Dr J W Bakal, “Behavioral Feature Analysis For Learner Affect Identification”, IEEE 16th India Council International Conference (INDICON), December 2019

2. Kavita Kelkar, Dr J W Bakal, “Random Forest Algorithm for Learner’s Confusion Detection Using Behavioral Features”, Springer: International Conference on Mobile Computing and Sustainable Informatics, January 2020

3. Kavita Kelkar, Dr J W Bakal, “Hyper Parameter Tuning of Random Forest Algorithm for Affective Learning System”, IEEE Third International Conference on Smart Systems and Inventive Technology (ICSSIT), August 2020

4. Kavita Kelkar, Dr J W Bakal, “Positive reinforcement in virtual learning systems through gamification of adaptive MCQ test”, ICICNIS 2021, SSRN digital library, June 2021

Books/Book Chapters

Patents/Copy Rights

No of Research / consultancy / projects completed: - Rs: _____	No of Research / consultancy / projects on-going: - Rs: _____	No of Research / consultancy / projects on applied as on date: - Rs: _____
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Details of Research / consultancy / projects: -

Completed

On-going

Applied

IPR/ Copyrights -

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

Attended

Organized

Delivered

Notable Key Scholastic Achievements

Notable Positions and Responsibility

Date: 10 /02 / 2023

**Kavita Kelkar,
Signature of Faculty Member**