

Curriculum Vitae

1. Name: Dr. Kalpana Swapnil Gilda

2. Designation & Department: Associate Professor, CSE department

3. Correspondence address: S2, Saraswati Residency,
Toshniwal Layout, Akola.



4. Email(s) and contact number(s): (+91) 09422224518, kalpana.manudhane@gmail.com

5. Date of Birth: 19/04/1983

6. Academic Qualification (Undergraduate Onwards)

Sr. No	Degree	Year	Subject	University/Institution	% of marks /CGPA
1	PhD	2024-25	CSE	SGBAU, Amravati	
2	ME(CSE)	2013-14	CSE	SGBAU, Amravati	8.24(CGPA)
3	BE(C.E.)	2004-05	CE	NMU, Jalgaon	66.57%

7. Ph.D thesis / M.E Dissertation title, Year of Award.

Ph.D thesis:

Title- Development of efficient Defuzzification methods for Fuzzy Systems (awarded in 2024)

M.E Dissertation:

Title- Evidence Reconstruction in Digital Forensics using Fuzzy Methods (awarded in 2014)

8. Work experience (in chronological order).

S.No.	Designation	Name of the Institute	From	To
1	Lecturer	GCOE, Jalgaon	26/7/2005	14/12/2007
2	Lecturer	COET, Akola	1/7/2008	23/8/2009
3	Asst. Prof.	COET, Akola	24/8/2009	Till date

9. Detail of Copyright.

S.No	Copyright Title	Name of Applicant(s)	Copyright No.	Award Date	Agency/ Country	Status
1	"Defuzzification methods for fuzzy system"	Prof. Kalpana Swapnil Gilda	SW-16235/2023	16/05/2023	India	Registered
2	"Maxima-Based Defuzzification Method For Fuzzy Systems"	Kalpana Swapnil Gilda, Dr. S. L. Satarkar.	SW-16874/2023	14/07/2023	India	Registered

10. Books/Reports/Chapters/General articles etc.

S. No.	Title	Author's Name	Publisher	Year of Publication
1	Book chapter- "Maxima-Based Defuzzification Methods Proposed for Fuzzy Systems"	Prof. K. S. Gilda & Dr. S. L. Satarkar	published in Springer book "Algorithms for Intelligent Systems" as Proceedings of Integrated Intelligence Enable Networks and Computing-2020	2020
2	Book- "Fundamentals of Fuzzy Systems and Defuzzification methods with illustrative examples"	Prof. K. S. Gilda	Skyline Computers	2025

11: Field of Expertise / Specialization. Artificial Intelligence, soft computing, Fuzzy Systems, Fuzzy Expert System, machine learning, Algorithmics

10. Publications (*List of papers published in Journals, in year wise descending order*).

S. No.	Author(s)	Title	Name of Journal /Conference	ISSN/ ISBN	Volume	Page	Year
1	Prof. K. A. Manudhane and Prof. Avinash Wadhe	“Comparative study of static task scheduling algorithms for heterogeneous system”	International Journal of Computer Science & Engineering (IJCSE)	ISSN: 0975-3397	Vol. 5, issue 3	166-173	March 2013
2	Prof. K. A. Manudhane and Prof. Avinash Wadhe	“QoS-aware approaches to real time task scheduling on heterogeneous clusters”	International Journal of Advance Research in Computer Science & Software Engineering (IJARCSSE),	ISSN: 2277-128X	Vol. 3, issue 4	174-180	April 2013
3	Prof. K. A. Manudhane and Prof. M.M. Bartere	Methodology for Evidence Reconstruction in Digital Image Forensics”	International Journal of Engineering Research & Technology (IJERT),	ISSN: 2278-0181	Vol. 2, issue 11	1311-1318	November 2013
4	Prof. K. A. Manudhane and Prof. M.M. Bartere	“Image Reconstruction in Digital Forensics”	IJCITB	2278-7593	Vol. 2, issue 2	1-7	April 2014
5	Prof. S. S. Dixit and Prof. K. A. Manudhane	“Basics of Energy-Efficient Digital Design”	National conference on Renewable Energy Resources and its Applications	2319-507X	Vol. 4(8)	211-219	April 2016
6	Prof. K. S. Gilda & Prof. S. S. Dixit	“Clustering: Basics, Approaches, Practical View and Applications,”	International Journal of Computer Engineering and Applications	ISSN 2321-3469	Vol. X(VII)	19-29	July 2016
7	Prof. K. S. Gilda & Prof. S. S. Dixit	“Cloud Robotics: An overview”	International Conference on Innovations in Science & Technology: Opportunities & Challenges	2319-507X	Vol. 5(2)	122-132	September 2016
8	Prof. K. S. Gilda & Prof. S. S. Dixit	"Machine Translation: Approaches and Evaluation”	International Conference on Advances in Science, Technology and Management	2319-507X	Vol. 6(2)	275-283	September 2017
9	Prof. K. S. Gilda, Prof. S. S. Dixit and Prof. S. V. Narote	“General Structure of Sanskrit Machine Translation System”	National conference on recent developments in Science, Engineering and Technology	2349-5162	Vol. 6(4)	344-349	April 2019
10	Prof. K. S. Gilda & Dr. S. L. Satarkar	"Analytical overview of defuzzification methods"	International Journal of Advance Research, Ideas and Innovations in Technology	2454-132X	vol. 6 (issue 2)	359–365	March, 2020
11	Prof. K. S. Gilda & Dr. S. L. Satarkar	"Review of Fuzzy Systems through various jargons of technology"	International Journal of Emerging Technologies and Innovative Research	2349-5162	Vol.7, Issue 7	260-264	July-2020
12	Prof. K. S. Gilda & Dr. S. L. Satarkar	“Defuzzification: Maxima methods with Improved Efficiency and their performance evaluation”	IEEE- DELCON-2022)	978-1-6654-5884-9			Feb-2022
13	Prof. K. S. Gilda & Dr. S. L. Satarkar	“Fuzzy Expert System for detection of nutritional deficiency Anemia”	International Journal of Emerging Technologies and Innovative Research	2349-5162	Vol. 9 (issue 5)	1359-1363	May-2022

14	K. S. Gilda	,"Crop recommendation fuzzy system for kharif season”	International Journal of Emerging Technologies and Innovative Research (www.jetir.org UGC and issn Approved)	2349-5162	Vol.12Issue-9		September-2025
----	-------------	---	--	-----------	---------------	--	----------------