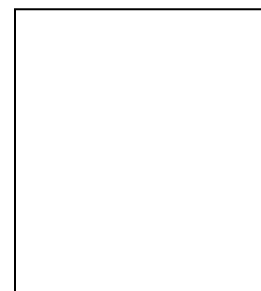# Curriculum Vitae

1. Name: Dr. Shrikant Laxman Satarkar

2. Designation & Department: Professor and Head, CSE

3. Correspondence address, Ramdas Peth, Akola-444001

4. Email(s) and contact number(s) shri1satarkar@gmail.com
                                    9960590234

5. Date of Birth 22/02/1968

6. Academic Qualification (Undergraduate Onwards)

Sr. No	Degree	Year	Subject	University/Institution	% of marks /CGPA
1	B.E.	1990	CSE	SGBAU, Amravati	First Class 68 %
2	M.E.	2007	CSE	SGBAU, Amravati	Fist Class 64%
3	Ph.D	2016	CSE	SGBAU, Amravati	--

7. Ph.D Thesis

Title of PhD Thesis: FES for Pathological Investigation and Diagnosis

Year : **2016**

8. Work experience (in chronological order).

S.No.	Designation	Name of the Institute	From	To
1	Lecturer	C.O.E.Badnera	1 Dec 1990	31st July 1998
2	Assistant Professor	COET Akola	01st August 1998	6 Aug 2007
3	Associate Professor	COET Akola	7 Aug 2007	31 Jan 2016
4	Professor	COET Akola	1 Feb 2016	Till Date

9. Professional Recognition/ Award/ Achievement/ Certificate received.

S. No	Name of Award	Awarding Agency	Year
1	Best Project Award at "International Competition of Technical Working Models",	COE&T Akola	11 Oct 2019
2	Best Business Plan Award at "Amravati Startup Business Plan Competition - 2019",	Maharashtra State Innovation	2019
3	2nd Prize, A Research Convention, Avishkar-2019, "The Expression of Creativity"	Sant Gadge Baba Amravati	2019
4	Best Paper Award at 12th International Conference on Recent Development in Engineering Science, Humanities and Management	Gurukul Institute of Engineering & Technology, Kota	2019

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	S L Satarkar	4 Layered Enhanced Security for Audio Signals Using Steganography	Serials Publication	0974-5807	2	31-39	
2	S L Satarkar	Portal Technologies and Applications	International Journal of Computer Applications	2582-5208	26		
3	S L Satarkar	Enhanced Security for Audio Signal Using Steganography	Ulrich's International Periodicals Directory	2348-4098	3	1-7	
4	S L Satarkar	Enhancing Cybersecurity for Diabetes Patient Data in Cloud-Based IoT Using Advanced Machine Learning Algorithm	International Conference on Artificial Intelligence for Innovations in Healthcare Industries (ICAIIHI)				
5	S L Satarkar	User Preferences Analysis by Collaborative Filtering Approach	Elsevier Science & Technology	978-93-5107-220-1	6	82-88	
6	S L Satarkar	Recommendation System Using Collaborative Filtering Algorithm Using Mahout	International Journal of Modern Trends in Engineering and Research	2349-5162	5	401-406	
7	S L Satarkar	Evaluating and Implementing Collaborative Filtering Systems Using Apache Mahout	IEEE Computer Society	9781-4799-6892-3	53	858-862	
8	S L Satarkar	Implementing and Evaluating Collaborative Filtering (CF) Using Clustering	Smart Innovation, Systems and Technologies (SIST) by Springer - Verlag Germany	978-3-319-30927-9	153-163		
9	S L Satarkar	A Hybrid	*International*	978-1-	11		

		Clustering Based Collaborative Filtering (CF) Approach	*Conference Proceedings Series ACM Digital Library,*	4503-3962-9			

11. Detail of patents/Copy right .

S.No	Patent Title	Name of Applicant(s)	Patent No.	Award Date	Agency/Country	Status
1	On-Site Automated Hazardous Medical Waste Detection By Smart Sensors and Waste Categorization Technique Using A Machine Learning Algorithm	S L Satarkar	202121015632	9th April 2021	IPR	Published
2	*Design of Collaborative Query Processing for Information System*	S L Satarkar	L-121423/2023	13th April 2023	IPR	Published
3	Kitten opti.Algo FES plant leaf	S L Satarkar	1216888(CR) 202521044486A	2024-08-03 30/52025	Govt. of Canada India	Awarded Published

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

S.No	Title	Author's Name	Publisher	Year of Publication
1	Computer Programming	S L Satarkar	Lambert Publications	2024
2	Theory of Computation	S L Satarkar	Lambert Publications	2024
3	Theoretical Foundations of Computer Sciences	S L Satarkar	Vikas Publication House	2019
4	Structured Programming Approach	S L Satarkar	Vikas Publication House	2019
5	Theory of Computation	S L Satarkar	Vikas Publication House	2019
6	Data Structures	Dr.S.L.Satarkar	Alpha International	2025

13: Field of Expertise / Specialization.

Database and Data Science

Date and Sign

10/12/2025