Curriculum Vitae

1. Name: Dr. Sachin S Agrawal

2. Designation & Department: Associate Professor, CSE

3. Correspondence address, Vrundhavan Nagar, Akola-444005

4. Email(s) and contact number(s) sachin.s.agrawal@gmail.com
   9421837340

5. Date of Birth 20/12/1982

6. Academic Qualification (Undergraduate Onwards)

Sr. No	Degree	Year	Subject	University/Institution	% of marks /CGPA
1	B.E.	July-2004	CSE	SGBAU, Amravati	First Class (71.97 %)
2	M.E.	July-2010	CSE	SGBAU, Amravati	Fist Class (69.00 %)
3	M.B.A.	Nov-2010	Finance	YCMOU, Nashik	First Class (62.59 %)
4	Ph.D	Jan-2017	CSE	SGBAU, Amravati	--

7. Ph.D Thesis

Title of PhD Thesis: Design of Collaborative Query Processing for Information System
Year : **2017**

8. Work experience (in chronological order).

S.No.	Designation	Name of the Institute	From	To
1	Associate Professor	COET Akola	1 July 2005	Till date

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

S. No	Name of Award	Awarding Agency	Year
1	IETE Higher Technical Proficiency Award - 2017	IETE New Delhi	2017
2	IETE Outstanding Engineer (Gent) Award – 2019	IETE New Delhi	2019
3	Best Project Award at "International Competition of Technical Working Models",	COE&T Akola	11 Oct 2019
4	Best Business Plan Award at "Amravati Startup Business Plan Competition - 2019",	Maharashtra State Innovation	2019
5	2nd Prize, A Research Convention, Avishkar-2019, "The Expression of Creativity"	Sant Gadge Baba Amravati	2019
6	Best Paper Award at 12th International Conference on Recent Development in Engineering Science, Humanities and Management	Gurukul Institute of Engineering & Technology, Kota	2019
7	Cambridge International Certification for Teachers and Trainers " with Distinction	Cambridge	2015
8	"Certificate of Merit" from Wipro Technologies (Mission 10x) for Excellence in Engineering Education through Innovation	Wipro Technologies	2015
9	Received "Certificate of Merit" from Wipro Technologies (Mission 10x) for High Impact Teaching Skills (Deal Carnegie Course)	Wipro Technologies	2015
10	Received "Certificate of Achievement" for Practitioner of Innovative Pedagogy from Wipro Technologies Ltd.	Wipro Technologies	2015

	Bangalore			
11	Received "Oracle Cloud Infrastructure 2025 AI Foundations Associate" from Oracle University	Oracle	2025	
12	Received "Oracle Cloud Infrastructure 2025 Foundations Associate" from Oracle University	Oracle	2025	
13	Received "Oracle Autonomous Database Cloud 2025 Professional" from Oracle University	Oracle	2025	
14	Completed NPTEL-AICTE Faculty Development Programme on "Data Base Management System" of 8 Weeks	NPTEL	2025	
15	Completed NPTEL-Online Certification on "Data Base Management System", Jul-Sep 2025 with Elite of 8 Weeks	NPTEL	2025	

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 S Agrawal	Voice- and Gesture-Controlled Smart Wheelchair Using IoT and Machine Learning	4th International Conference on Transformations and Innovations: Pathways to Sustainability				2025
2	S S Agrawal	"AI-Powered Chatbot Using Spring Boot", ,	International Research Journal of Modernization in Engineering Technology and Science	2582-5208	7	1161-1165	2024
3	S S Agrawal	FixMate: A Smart Digital Platform for Booking Skilled Household Technicians	International Journal of Science, Engineering and Technology	2348-4098	13	1-7	2024
4	S S Agrawal	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 S Agrawal	"Streamlining Feature Selection	International Journal of	2349-5162	6	82-88	

		for an Effective Educational Content Management System", ,	Emerging Technologies and Innovative Research				
6	S S Agrawal	Performance Evaluation of Segmentation Algorithms for Medical Image Analysis	International Journal of Emerging Technologies and Innovative Research	2349-5162	5	262-271	
7	S S Agrawal	Enhancing Global Stock Index Price Movement Forecasting: A Soft Computing Approach with Future Prospects	Anvesak	0378 – 4568	53	33-49	
8	S S Agrawal	Ensemble Learning for Stock Market Prediction: Leveraging Uncertainty in Decision Tree-Based Methods	IJFANS	2319 1775	11		
9	S S Agrawal	Enhancing Stock Market Prediction: A Comparative Analysis	IJFANS	2319 1775	11		
10	S S Agrawal	Leveraging Deep Learning and CNN Algorithms for Accurate Skin Disease Classification: A Step Toward Enhanced Medical Diagnosis	International Journal of Research and Analytical Reviews (IJRAR)	2348-1269	6	410-417	
11	S S Agrawal	Detection of Diabetic Retinopathy and Vascular Abnormalities through Convolutional Neural Networks: A Game-Changer in Ocular Health	International Journal of Research and Analytical Reviews (IJRAR)	2348-1269	5	.610-616	
12	S S Agrawal	Energy Empower with Intrusion	Naveen Shodh Sansar	2394-3793			

		Detection Routing Protocol with Intrusion Detection for Mobile Ad Hoc Networks						

11. Detail of patents/Copy right .

S.No	Patent Title	Name of Applicant(s)	Patent No.	Award Date	Agency/Country	Status
1	Decentralized Investment Analysis and Asset management Device Utilizing Blcokchain Technology	S S Agrawal	202421090556	**21/11/2024**	IPR	Published
2	On-Site Automated Hazardous Medical Waste Detection By Smart Sensors and Waste Categorization Technique Using A Machine Learning Algorithm	S S Agrawal	202121015632	9th April 2021	IPR	Published
3	An IoT Based System to Monitor the Wards Travelling through School Buses	S S Agrawal	202241004828A	4th April 2022	IPR	Published
4	*Design of Collaborative Query Processing for Information System*	S S Agrawal	L-121423/2023	13th April 2023	IPR	Published
5	*Next-Gen Smart E-Learning and Assessment Portal Using Machine Learning*	S S Agrawal	SW-23856/2025-CO	15th June 2025	IPR	Published

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

S.No	Title	Author's Name	Publisher	Year of Publication
1	C Programming	S S Agrawal	Lambert Publications	2025
2	Internet of Things	S S Agrawal	Lambert Publications	2025
3	Computer Programming	S S Agrawal	Lambert Publications	2024
4	Theory of Computation	S S Agrawal	Lambert Publications	2024
5	Theoretical	S S Agrawal	Vikas Publication	2019

	Foundations of Computer Sciences		House	
6	Structured Programming Approach	S S Agrawal	Vikas Publication House	2019
7	Theory of Computation	S S Agrawal	Vikas Publication House	2019

13: Field of Expertise / Specialization.
Database and Data Science

Date and Sign
10/12/2025