



AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय

An Autonomous Institute Affiliated with
Savitribai Phule Pune University

Accredited by NAAC with "A+" Grade | NBA - 7 UG Programmes



Department of Computer Engineering

Faculty Profile

Prof. Anuradha Shriram Deokar

PhD(Pursuing), M Tech (Computer)

Assistant Professor



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🔗 <https://scholar.google.com/citations?user=4a2esPsAAAAJ>

🔗 <https://www.linkedin.com/in/anuradha-deokar-18ab8013b/>



ResearchAreas/ Areas of Interest

Machine Learning, Data Mining, Deep Learning, Block chain

Personal Details

Date of Birth : 19 /09 / 1977

Domicile: Maharashtra

Gender : Female

Blood Group: AB+ve

Contact Details: AISSMS COE, Pune – 411001

Academic Background

S. NO.	Qualification	Specialization	University	Class/Grade	Year of Passing
1.	PhD(Pursuing)	Computer	SPPU,Pune		
1	M.Tech	Computer	Bharati Vidyapeeth,Pune	I st with distinction	April 2015
2	B.E	Computer Engineering	Amravati	I st	June 2000

Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	23	
2	Research	00	00
3	Industry	2	6
4.	Others	--	--
Total		25	2

Subjects/Courses Taught

S. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Database Management System	UG	TE	3
2	Advanced Database	UG	BE	1
3	Object Oriented Programming (2019 Pattern)	UG	SE	2

4	Principles of programming Languages(2019 Pattern)	UG	TE	5
5	Theory Of Computation	UG	TE	1
6	Operating System and Administration	UG	SE	2
7	Object Oriented & Multicore	UG	SE	2
8	Computer Organization and Architecture	UG	SE	1
9	Object Oriented Programming	UG	SE	3
10	Discrete Structure	UG	SE	1
11	Principles of programming Languages(2015 Course)	UG	SE	3
12	Operating system and Design	UG	SE	2
13	Software Engineering and Project management	UG	TE	3
14	Software Project management	UG	TE	5
15	Advanced Storage Systems and Management	PG	ME	2
16	System Simulation and Modeling	PG	ME	2
17	Real Time Operating System	PG	ME	3
18	Embedded and Real Time Operating Systems	PG	ME	1
19	Machine Learning	PG	ME	1

Publication Details (Journals)

	National	International	State	SCI/ Scopus	UGC Approved
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				Indexed	
Journals		28		5	8
Conferences	1	5			

Publication Details (Journals)

Sr. no	Document Details	Authors	Year	Source Details	ISBN/ ISSN	Publisher
1	A Secure and Transparent Voting System using Block Chain Technology	A.S Deokar and	2025	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2321-9653	UGC
2	Commodity Prediction: ML-Based Commodity Suggestion	A.S Deokar and	2025	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2321-9653	UGC
3	AI-Driven Document Verification System	A.S Deokar and	2025	Journal of Technology	1012-3407	Scopus
4	Efficient use of machine learning methodologies and Explainable AI to predict cardiovascular disease	A.S Deokar and Dr.M.A.Pradhan	2024	Alochana journal	ISSN: 2231-6329	UGC

5	A Secure and Transparent Voting System using Block Chain Technology	A.S Deokar	2024	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2321-9653	UGC
6	Commodity Prediction: ML-Based Commodity Suggestion	A.S Deokar	2024	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2321-9653	UGC
7	AI-Driven Document Verification System	A.S Deokar	2024	Journal of Technology	1012-3407	Scopus
8	"Fox Fables" an Adventure based 2D Game in Unity Game Engine,	A S Deokar and,et al	Nov 2023	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2321-9653	IJRASET
9	Study of Heart Disease Prediction Using Machine Learning and Data Mining	A S Deokar and,et al	Nov 2023	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2321-9653	IJRASET

10	Prediction of cardiovascular diseases using explainable AI	A S Deokar and,et al	Dec 2023	Taylor and Francis	9781003393580	Taylor and Francis
11	Designing of Application for Detection of Face Mask and Social	A S Deokar and,et al	Dec 2021	International Research Journal of Engineering and Technology	e-ISSN: 2395-0056	IRJET
12	Distancing During Covid-19 using CNN and Yolo v3	A S Deokar and,et al	Dec 2020	International Journal of Engineering Research & Technology	ISSN: 2278-0181	IJERT
13	Dermatological Disorder Detection Using Machine Learning	A S Deokar and Ashlesha Gaikwad ,et al	June – 2020,	International Journal of Innovative Science and Research Technology(IJISRT) Volume 5, Issue 6	2456-2165, Volume 5, Issue 6	(IJISRT)
14	“Garbage Monitoring System	A S Deokar and Pratik Keluskar , et al ,	Feb 2020 ,Volume 3 Issue 8	Iconic Research And Engineering Journals(IRE)	ISSN: 2456-8880	
15	IoT Trash Bin	A S Deokar and, and Pratik Keluskar, et al,	JUN 2020 ,Volume 3 Issue 12	Iconic Research And Engineering Journals(IRE),	ISSN: 2456-8880	

16	Dermatological Disorder Detection Through Machine Learning	A S Deokar and Shivani Tilekar, et.al.	Vol. 7 Issue 4 Oct.- Dec 2019	International Journal of Research In Electronics And Computer Engineering (IJRECE)	ISSN: 2393-9028 , ISSN: 2348-2281	
17	Social Post Analysis Using Naïve Bayes and Core NLP	A S Deokar and Abhijit Bhoske, et.al	Volume: 6 Issue 6 (November - December 2018)	International Journal of Innovative Research in Research Engineering and Multidisciplinary Physical Sciences	ISSN 2349-7300	
18	Smart Animal	A S Deokar and Namrata Nilgar , et.al	Volume: 06 Issue: 03 Mar-2018,	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	ISSN:2321-9653	
19	Smart Recipe-An Innovative Way To Cook	A S Deokar and Anushka Pandhare, et.al	Volume: 05 Issue: 03 Mar-2018	International Research Journal of Engineering and Technology (IRJET)	ISSN: 2395-0056	
20	Providing privacy in personalized web search queries	A S Deokar and Sagar Singh, et.al	Vol 6, Issue 1 Jan2018	International Journal of creative thoughts	ISSN 2320-2882	
21	"Preference Recommendation System for DTE-CAP	A S Deokar and Shaikh Qawam, et.al,	Volume: 03 Issue: 12 Dec-2016,	International Research Journal of Engineering and Techology (IRJET)	ISSN: 2395-0056	

22	Confidential log-in to real user using Visual Cryptography and upload encrypted data on Database System using Steganography	A.S. Deokar and Shah Shrenik, et.al	Volume: 03 Issue: 12 Dec-2016	International Research Journal of Engineering and Technology (IRJET)	ISSN: 2395-0056	
23	Plant Disease Identification using Content Based Image Retrieval Techniques Based on Android System	A.S. Deokar and Akshay Pophale , et.al	Volume 3 Issue 2 ,Feb 2016	International Advanced Research Journal in Science , Engineering and Technology	ISSN: 2393-8021	(IARJS ET)
24	Malicious Website Detection using Visual Cryptography and OTP	A.S. Deokar and Kajal Nanaware, et.al	Vol.4,No-5,Oct-2014	International Journal Of Current Engineering and Technology	ISSN:2277- 4016	
25	A Pragmatic Study of Malwares to Enrich Application for Self Defense	A. S.Deokar and Sanket S.Deshpande , et.al	Volume 3. Issue 10 October, 2014,	International Journal Of Engineering And Computer Science	ISSN:2319- 7242	
26	An Efficient Technique for Software Fault Prediction in Variance Analysis	A. S. Deokar and V. M. Gaikwad	Volume 105 - (4):27-30, November 2014	International Journal of Computer	ISBN : 0975—8887	

27	M University on cloud	A. S. Deokar and D M Thakur	Volume No. 4, Issue No. 1. Jan 2014	International Journal of Advances in Engineering, Science and Technology(IJAEST)	ISSN:2277- 128X	
28	Android Based Sales CRM GEO Tracking System	A.S.Deokar and Kiran H. Lokhande, et.al	volume 3 Issue3,Nov-Dec 2012	International journal of computer & Organization Trends (IJCOT)	ISSN:2277- 128X	
29	"RFID based	A.S. Deokar	19 April	International Journal	ISSN :	
30	Intelligent information retrieval system in Library	and Vinay, et.al	2012	of Computational Engineering Research (IJCER)	2250-3005	

Publication Details (Conferences)

S. No	Document Details	Authors	Year	Conference Details	ISBN	Organised by
1	Cardiovascular Illness Detection and Categorization with Innovative Neural Networks	A S Deokar	2025	International Conference on Emerging Trends in Engineering and Science		Jawahar Education Society's Institute of Technology, Management and Research ,Nashik
	AI-Driven Document Verification System	A S Deokar	2024	Vishwacon 2024, International Conference on Recent Trends in Engineering and Technology		VIT Pune

2	Prediction of cardiovascular diseases using explainable AI	A S Deokar	Feb 2023	Artificial Intelligence, Block chain, Computing and Security (ICABCS-2023)		Galgotias University, Noida
3	SOA and cloud Computing: Next in Intrusion Tolerance	A S Deokar, Vipula Wajgade	Feb 2012	Application on FOSS		Lingaya University ,Delhi
4	Data Shielder A New Way to conceal the information	A S Deokar	Jan 2011			IOIT College Of Engineering,Pune

PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	-	1	128

Professional Memberships

Professional Body	Level (National/ International)	Type (Fellow/Life/Annual)	Membership No.
Institution of Engineers	National	Life	M1595762
Indian Society for Technical Education	National	Life	LM134161

Patents/IPR Filed/Granted

S. No	Investigator Details	Title	Year	Status(File/Grante d)	Details

1	Name: Dr. Anuradha Deokar Designation: Assistant Professor Institution: AISSMSCOE Address: Kenndy Road Pune, Maharashtra, India Email: asdeokar@aissmscoe.com Nationality: Indian Role: Principal Author Date of Work Completion: 10-Aug-2025	An algorithm for classification of Cardiovascular Disease using heterogeneous data(Copy Right)	2024	Granted	
2	Name: Dr. Anuradha Deokar Designation: Assistant Professor Institution: AISSMSCOE Address: Kenndy Road Pune, Maharashtra, India Email: asdeokar@aissmscoe.com Nationality: Indian Role: Principal Author Date of Work Completion: 10-Aug-2025	Cardiovascular Disease classification Algorithm (Copy Right)	2025	Granted	
3	Name: Dr. Anuradha Deokar Designation: Assistant Professor Institution: AISSMSCOE Address: Kenndy Road Pune, Maharashtra, India Email: asdeokar@aissmscoe.com Nationality: Indian Role: Principal Author Date of Work Completion: 10-Aug-2025	Cardiovascular Risk Monitoring Device(Patent)	2025	Granted	

Books Published

S. No	Title	Name of the Publisher	ISBN/ISSN Number
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1	Prediction of cardiovascular diseases using Explainable AI	Artificial Intelligence,Blockchain, Computing And Security, Taylor and Francis	9781003393580
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Research Grants Received

S. No	Program	Duration	Funding Agency	Grant Amount
1.				

Details of Workshop/STTP/FDP/Seminar / Conferences Organized

S. No	Title	Type	Duration	Level (State/National/International)	Sponsoring Agency
1	Digital Marketing and Amazon Opportunities	Webinar	1 Day	National	AISSMS COE,Pune
2	Software Testing	Webinar	1 Day	National	AISSMS COE,Pune
3	Information Security – Test Data management for students	Webinar	1 Day	National	AISSMS COE,Pune

4	Modern technologies and self development	FSDP	3 Day	National	AISSMS COE,Pune
5	Cyber secure girls	Seminar	1 Day	National	Nirbhay kanya
6	Organic bots	Seminar	1 Day	National	AISSMS COE, Pune

Contribution as Resource Person

S. No.	Place/ Organization	Topic	Level(National/Int/ State/Regional)	Date
1	AISSMS Polytechnic,Pune	Basics of Relational Database Management System	National Level	23 Dec 2020
2	AISSMS Polytechnic,Pune	Science Exhibition as Judge	National Level	18 Feb 20
3	AISSMS Polytechnic,Pune	Student act as A Teacher as judge and chief guest	National Level	5 Sep 20

Details of Workshop/STTP/FDP/Conferences Attended

S. N	Title	Type	Duration	Organizer	Sponsoring Agency
1	NEP Orientation and Sensitization Program under Malaviya Mission Teacher Training Programme of University Grants Commission	NEP	6 March to 14 March 2025	Coimbatore Institute of Technology	
2	Design Thinking : A Patient Centric Approach in Healthcare Industry	ATAL FDP	13 Dec 17Dec 2024	AISSMSCOE,Pune	
3	Generative AI and its Multidomain Use Cases	FDP	19 Dec 23Dec 2024	VIT ,Pune	
4	Data science application in real world using python	FDP	18-22 Mar 2024	Indira college of Engineering and management,Pune, 18 mar to 22 mar2024.	
5	Business Analytics	FDP	5-9 Feb 2024	SJC Institute of Technology and Matrusri Engineering College in Collaboration	

				with Excel Edtech Pvt. Ltd.	
6	Education 4.0 in Higher Education	FDP	31-4 Aug 2023	VIIT,Pune	
7	Cloud Infrastructure	FDP	21-25 Aug 2023	JNTUK COE, Narasaraopet, Andra Pradesh	
8	Amazon Web Services	FDP	22-27 Aug 2022	AISSMS COLLEGE OF ENGINEERING, PUNE	
9	Advanced Applications in Artificial Intelligence and Machine Learning	FDP	2-6 Aug 2021	Marathwada Mitra Mandal's Institutions MMCOE	
10	Data Science for Engineering problem solving	FDP	5-10 oct 20	SKN COE,Pune	
11	Computer Graphics and OOPs lab	FDP	11 July 20	APCOER,Pune	
12	Digital transformation	FDP	11 to 13 June 2020	AISSMSCOE,P une	
13	Emerging Trends in Industry 4.0	FDP	18 May to 29May 2020	JSPM RSCOE,Pune	ACM
14	Advanced Teaching Tools ,Techniques and Methodology for outcome Based Education	FDP	1 June 5 June 2020	AISSMSCOE,P une	
15	"Microsoft Secure Remote Work	FDP	21 May 20	AISSMSCOE,P une	

16	Learning, Pedagogy And Effective use of Case Methodology	FDP	17 to 21 May 20	ASMA in Association with ASM Group of Institutes	
17	Java Programming	FDP	17 to 22 May 20	Spoken Tutorial organized by AISSMS Polytechnic ,Pune	
18	Vision –Mission-PEO-PO-CO: Framing , Mapping, Assessment and Attainment	FDP	10 -15 June 19	AISSMS COE ,Pune	CETL

19	Cyber Security and Data Sciences	FDP	11 Feb to 17 Feb 2019	AISSMS I IOT Pune	Jointly organized by Shivaji University, Kolhapur & AISSMS I IOT Pune
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Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
1	NAAC criteria Incharge (CR-V) 2022-25, 2020-21, 2019-20, 2018-19
2	NBA criteria Incharge (CR-VII) 2021-25, 2020-21
3	Institute Innovation Council of Program Co ordinator 2025
4	Academic Coordinator 2021-22, 2022-23
5	I3 coordinator 2020-21
6	OBC Cell Committee member 2019-20
7	Organic Bot Incubation center Team Member 2018-19, 2019-20
8	Online Exam Co-ordinator 2015-2016
9	Student Best Performance Committee 2024-2025
10	External and Internal Senior Supervisor for Theory Exam 2019-20, 2024-25
11	Codigo Madrid Department Club Member 2020-2025
12	Induction Program (SE) Co ordinator 2023-2025

Awards Received

S. No.	Awards
1.	First prize winner in National Level Project Competition 2000 at Anuradha Engineering College, Chikhli, Dist- Buldana.

International Journal Reviewer

S. No.	Role and Responsibilities
1	As reviewer Emerging Trends in Engineering and Technology : Shaping The Future of Innovation ,All India Seminar and Publication of Annual Technical Journal 2025, Vol 46 ,At Pune Local Center of Institute of Engineers.
2	As reviewer ,Intelligence and Quantum Computation-Based Sensor Applications (ICAIQSA-2024), 20th & 21st December 2024 organized by the Department of Artificial Intelligence technically co-sponsored by IEEE Bombay Section. G H Rasoni College of Engineering and Management, Nagpur.

3	Organizing committee member for Institute for Engineering Research and Publication conducted 4th International Conference on Recent Challenges in Engineering and Technology (ICRCET-18) at Pune, India April, 2018.
4	Reviewer for International Journal of Advanced Computational Science & Engineering Technology – (IJACSET) ,2019-20.
5	Reviewer for International Journal of Advanced Computational Science & Engineering Technology – (IJACSET) ,2014-25.

Declaration: I hereby declare that all the statement made above are correct to the best of my knowledge and belief.

Ms. Anuradha S Deokar
(Name with Signature)