



AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय

An Autonomous Institute Affiliated to Savitribai Phule Pune University
Approved by AICTE, New Delhi and Recognised by Govt. of Maharashtra
Accredited by NAAC with "A+" Grade | NBA - 7 UG Programmes



Department of Computer Engineering

Faculty Profile

Dr S.R.Nalamwar

PhD(CSE), ME (Computer Engineering)

Assistant Professor

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ResearchAreas/ Areas of Interest

Machine Learning, Image Processing, Deep Learning, Computer Organization

Personal Details

Date of Birth : ---

Domicile: Maharashtra

Gender : Female

Blood Group: O+ve

Contact Details: AISSMS COE, Kennedy Road, Pune – 411001

Academic Background

S. NO.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	PhD	Computer Science and Engineering	Bharath Institute of Higher Education and Research Chennai	----	2024
2	M.E.	Computer Engineering.	Pune	1 st Class	2011
3	B.E.	Computer Engineering	Amravati	1 st Class	2001

Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	20	00
2	Research	00	00
3	Industry	2	00
4.	Others	--	--
Total		20	2

Subjects/Courses Taught

S. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Computer Organization	UG	SE	04
2	Fundamentals of Programming Language	UG	FE	06
3	Database Management	UG	TE	03

	System			
4	Distributed Systems	UG	BE	02
5	Machine Learning	UG	BE	04
6	Deep Learning Learning	UG	BE	03
7.	Artificial Intelligence	PG	ME	03
8	Machine Learning	PG	ME	02

Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals	01	08		05	10
Conference	01	03			

Publication Details (Journals)

S. No	Document Details	Authors	Year	Source Details	ISBN/ ISSN
1	An Efficient Trust Model for peer to peer network	04	2014	International Volume 03, Research Publications & Management (IJAEM)	ISSN 2319 - 4847
2	Real Time Communication using Embedded System beyond Videoconferencing and towards Telepresence	04	2016	International Journal of Computer Applications	0975 – 8887) Volume 134 – No.14, January 2016
3	Image processing and classification techniques in healthcare application	04	2016	International Education & Research Journal	[IERJ] EISSN No : 2454-9916 Volume : 2 Issue : 2
4	QA Authenticated Smart Ration Distribution		2018	International Journal of Innovation	ISSN:_2319-8753

	System			Research in Science Engineering and Technology	
5	Heuristic Approach for Low Light Image Enhancement using Deep Learning,pg-1440 to 1443	04	2019	International Research Journal of Engineering and Technology	ISSN: 2395-0056
6	Prediction of Autism Spectrum Disorder using Depp Learning: Survey pg.No. 673-to 676	04	2019	International Research Journal of Engineering and Technology	ISSN: 2395-0056
7	Detection of Lung Cancer using Computed Tomography CT-Scan Images	05	2021	International Journal of Advanced Research in Science, Communication and Technology	ISSN No: 2581-9429
8	Automated Detection of Lung Diseases through Enhancement of Chest X-Ray Images	05	2022	JARSCT	ISSN No: 2581-9429
9	Skin lesion classification using GAN Based Data Augmentation and Transfer Learning	04	2023	International Journal of Research and analytical Reviews(IJRAR) International Open Access	ISSN 2348-1269
10	Real time Traffic Control detection system	04	2023	Alochana Journal	ISSN 2231-6329
11	Healthcare chatbot using Natural Language	02	2023	Alochana Journal	ISSN 2231-6329

	Processing				
12	A practical Implementation of Resume Analysis and Job Description Matching using Machine Learning Volume 12 Issue 5	04	2023	Journal of Technology	ISSN 10123407
13	Synthetic Plant Leaf Disease Image Generation Using GANs: A Comparative Study on Feature Transfer from Source to Target Crops Pg No 511	02	2024	Journal of Engineering and Technology Management	ISSN: 1879-1719
14	A Web-Based Application For Vulnerability Scanning And Reporting In Educational Networks	05	2024	International Research Journal of Modernization in engineering Technology and Science	ISSN: 1879-1719
15	Phishing website detection by machine learning techniques Pg No 1126	04	2024	Journal of Technology	ISSN: 1012-3407
16	Optimizing Waste Classification using	04	2024	Journal of Engineering and	ISSN: 1879-

	AI			Technology Management	1719
17	Multidimensional CapsNets attention-gated approach for skin cancer detection and classification	02	2025	Computers and Electrical Engineering	

Publication Details (Conferences)

S. No	Document Details	Authors	Year	Conference Details	ISBN	Organised by
1.	Fdpm: Ip Traceback System Against Ip	04	2014	Proceedings of 2 nd IRF	ISBN: 978-93-	Chennai
2	Prediction of cardiovascular disease using Deep Learning	02	2019	National conference on computational Intelligence and AutomationNCCIA 2019		Chennai
3	Deep Learning Approach for low light Image Enhancement	02	2021	ICGETEI-2021		Amity University Rajasthan Jaipur

PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	-	2	80

Professional Memberships

Professional Body	Level (National/ International)	Type (Fellow/Life/Annual)	Membership No.
IETE Lifetime Membership	International	Life	LM134156
SCSI	International	Life	LM/2528/2021

Patents/IPR Filed/Granted

S. No	Investigator Details	Title	Year	Status (Filed/Granted)	Details

Books Published

S. No	Title	Name of the Publisher	ISBN/ISSN Number

Research Grants Received

S. No	Program	Duration	Funding Agency	Grant Amount
1.	Research Proposal	2014-16	BCUD, SPPU, Pune	INR1.4 Lacs

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

S. No	Title	Type	Duration	Level (State/National/ International)	Sponsoring Agency
01	Success and You	FSDP	2 DAYS	National	AISSMS COE
02	Software Based Case Studies for development of multidisciplinary Practices	FDP	1 WEEK	National	AISSMS COE
03	Apache Kafka Fundamentals	WORKSHOP	1 DAY	National	AISSMS COE
04	The Big Picture of	WEBINAR	1 DAY	National	AISSMS COE

	Placement process and building portfolio				
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Contribution as Resource Person

S. No.	Place/ Organization	Topic	Level(National/Int/ State/Regional)	Date

Details of Workshop/STTP/FDP/Conferences Attended

S. N	Title	Type	Duration	Organizer	Sponsoring Agency
1	Orientation program	Orien tation progr am	1 month	SPPU	HRDC SPPU
2	Leadership and Governance in higherEducation Level_2	Refresher Course	3 m o n t h s	SPPU	ARPIT
3	FDP101x on Foundation Program in ICT for Education	FDP	2 week	IIT Mumbai	IIT Mumbai
4	FDP201x Pedagogy forOnline and Blended	FDP	2 week	IIT Mumbai	IIT Mumbai
5	Cyber Security and Data science	FDP	1 week	RMD Sinhgad	PMMMNM T
6	DBMS	FDP	8 week		NPTEL
7	Cyber Security	FDP		AIISMS COE	PMMNMTT
8	Introduction to Research	FDP	1 week		NPTEL
9	Spoken Tutorial Online FDP	FDP	1 Week	IIT Mumbai	IIT Mumbai

Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
1	University theory exam paper setter, Junior Supervisor
2	University practical internal and external examiner
3	Department NBA Coordinator
4	Academic Co-ordinator

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

Dr S R Nalamwar