



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

Prof. Nitin R Talhar

Ph.D. (Computer Engineering) Pursuing

M.E. CSE(IT) BE CSE

Assistant Professor

✉ nrtalhar@aiissmscoe.com

☎ (020) 26058587; Extn: 1406

<https://orcid.org/0009-0008-9813-6198>

<https://scholar.google.co.in/citations?user=EUzN7qAAAAAJ&hl=en>

<https://www.linkedin.com/in/nitin-talhar-196a1b17/>



Research Areas / Areas of Interest

Cloud Computing, Design and Analysis of Algorithms, Distributed Systems.

Personal Details

Date of Birth : 06 /03/ 1979

Domicile: Maharashtra

Gender : Male

Blood Group: A+ve

Contact Details: Suncity Raod, Sinhgad Road, Anand Nagar, Wadgaon (BK)
Pune- 411051

Academic Background

Sr. No.	Qualification	Specialization	University	Class/Grade	Year of Passing
1.	Ph.D. (Computer Engineering)	Cloud Computing	SPPU	--	Pursuing
2.	M.E. CSE(IT)	Computer Engineering (CSE-IT)	Pune	1 st	May 2009
3.	B.E. CSE	Computer Science and Engineering	Amravati	1 st	May 2000

Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	24	10
2	Research	00	00
3	Industry	1	0
4.	Others	--	--
Total		25	10

Subjects / Courses Taught

S. No.	Subject	UG/ PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1.	Cloud Computing	UG	TE/ BE	6
2.	Distributed System	UG	BE	4
3.	Design and Analysis of Algorithm	UG	TE/ BE	8

4.	Applied Algorithm	PG	ME	4
5.	Software Design Methodology and Techniques	UG	BE	3
6.	Software Design and Architecture	PG	ME	4
7.	System Programming and Operating System	UG	TE	3
8.	Operating System	UG	BE	2
9.	Software Testing and Quality Assurance	UG	BE	2
10.	Multimedia Systems	UG	BE	2
11.	Theory of Computation	UG	TE	2
12.	Artificial Intelligence	UG	BE	2
13.	Fault Tolerant System	PG	ME	1
14.	Theory of Computation	UG	TE	1

Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals	03	20	01	04	03
Conferences	02	07		02	--

Publication Details (Journals)

S. No	Document Details	Authors	Year	Source Details	ISBN/ ISSN	Publisher
1.	Intelligent Cloud Resource Provisioning Using Multi-Agent Reinforcement Learning and Deep Predictive Modelling pp. 880-895 DOI: 10.22266/ijies2026.0131.53	Nitin Talhar Dr. D P Gaikwad	2026	International Journal of Intelligent Engineering and Systems Vol.19, No.1, 2026 (Scopus)	ISSN: 2185-3118	The Intelligent Network and Systems Society
2	Adaptive and Optimized Cloud Resource Allocation Using NSGA-II and Proximal Policy Optimization: An Evolutionary Hybrid Genetic-Neural Computing Approach. pp 1053-1068 DOI: 10.25258/ijddt.16.19s.121	Nitin Talhar Dr. D P Gaikwad	2026	International Journal of Drug Delivery and Technology, Volume 16 issue 19s, 2026. (Scopus)	ISSN 0975-4415	Dr. Yashwant Research Labs Pvt. Ltd.
3	Generalized Serverless Event-Driven Architecture for Automated Receipt Processing and Data Extraction. pp. 4525–4528 DOI: 10.22214/ijraset.2026.78878.	Nitin Talhar	2026	International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 14, Issue III, March 2026,	ISSN: 2321-9653	The International Journal for Research in Applied Science and Engineering Technology (IJRASET)
4	Anxiety Controlling Application using EEG Neurofeedback System	Nitin R Talhar	2024	Vol 10. EAI Endorsed Transactions on Pervasive Health and Technology	2411-7145	EAI Endorsed Transactions on Pervasive Health and Technology

5	A Comprehensive Review on Accident Detection Using Artificial Intelligence and Machine Learning	Nitin R Talhar	2024	IJARSCT	2581-9429	UGC
6	Dynamic Cloud Resource Allocation: Efficient Optimization Strategies for Enhanced Performance	N R Talhar Dr. D P Gaikwad	2023	Indian Journal of Technical Education	ISSN 0971-3034	Indian Journal of Technical Education
7	Smart WLAN Design for Intrusion Prevention System	N R Talhar Dr S V Athawale	2022	Innovative Research in Management, Applied Science and Engineering Stochastic Modelling and Applications Jan-June 2022	0972-3641	Muk Publications
8	Parkinson Disease Detection from Spiral and Wave Drawings using Machine Learning Algorithm Parkinson Disease Detection from Spiral and Wave Drawings using Machine Learning Algorithm	N R Talhar Zaki Shaikh	2022	Vol 2 Issue 3 Nov 2022	ISSN (Online) 2581-9429	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)
9	Food Nutrition and Healthy diet During Covid-19 Using AI/ ML	N R Talhar Madhubala Kamble	2021	International Journal for Research in Applied Science & Engineering Technology	2321-9653	(IJRASET)
10	Calorie Detection of Food Image based on SVM Algorithm	N R Talhar	2020	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	e-ISSN: 2395-0056 p-ISSN: 2395-0072	IRJET
11	Study of SVM based Indian Stock Market Prediction Methods	N R Talhar Anwesha	2019	Int. Journal of Innovative Research &	ISSN 2349-7300	IJRMP

		Tomar		Multidisciplinary Physical Science (IJRMPS)		
12	Real-time Heart Behavioral Informatics System using IoT	N R Talhar	2018	International Journal of Advance Research, Ideas and Innovations in Technology	ISSN: 2454- 132X	IJARIIT
13	Efficient Revocation on Identity Based ncryption with Public Key Infrastructure in Cloud Computing	N. R. Talhar and Nitin Sale	2017	International Journal of Innovative Research in Computer and Communication Engineering	Online 2320- 9801 Print232 0- 9798	IJRCCE
14	Effective MCA-based DOS attack detection system	N R Talhar and Amruta More	2016	International Journal of Computer Engineering and Applications		IJCEA
15	Analysis of distancemeasures using K- nearest neighbor algorithm on KDD dataset	Nitin Talhar Punam Mulak,	2015	International Journal of Science and Research	Online: 2319- 7064	IJSR

16	Effective denial of service attack detection using artificial neural network for wired	Nitin Talhar	2016	International Conference on Signal Processing, Communication, Power and Embedded System (SCOPEs)	978-1-5090-4620-1	IEEE
----	--	--------------	------	--	-------------------	------

Publication Details (Conferences)

S. No	Document Details	Authors	Year	Conference Details	ISBN	Organised by
1.	Design of Hybrid Approach for Cloud Resource Allocation using Genetic Algorithms and ML Techniques	N R Talhar Dr. D P Gaikwad	2023	8th International Conference on Micro-Electronics, Electromagnetics and Telecommunications (ICMEET-2023)	ISSN 1876-1119	Departments of Electronics & Communication Engineering National Institute of Technology Mizoram Mizoram, 796012, India
2	Dynamic Cloud Resource Allocation: Efficient Optimization Strategies for Enhanced Performance	N R Talhar Dr. D P Gaikwad	2023	International Conference On Green Energy (ICOGE-2023) 16 – 17 May 2023	ISSN 0971-3034	Department of EnTC, AISSMS College of Engineering, Pune-411001

Details of PATENTS, COPYRIGHT, TRADEMARK AND OTHER (IPR)

Sr No.	Name of Faculty	Name of the Patent	Patent Number and Date	Type (National/
				International/Com
				mercialized)
1	Nitin Talhar	Design Patent	Design Number 455196-001 Registration Date: 13/04/2025	National
2	Nitin Talhar	Design Patent	Design number: 6275489 Grant date: 05 May 2023 Registration date: 14 April 2023	International

PhD / ME / BE Student Guided for Project

5

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	-	10	96

Professional Memberships

Professional Body	Level (National/ International)	Type (Fellow/Life/Annual)	Membership No.
ISTE	International	Life Time	LM134157

Research Grants Received

S. No	Program	Duration	Funding Agency	Grant Amount
1.	Nil	--	--	--

Contribution as Resource Person

S. No.	Place/ Organization	Topic	Level(National/Int/ State/Regional)	Date
1	AISSMS Polytechnic Pune	Project Competition	National	20-04-2025
1.	AISSMS IOIT	Project Competition	National	15-04-2024
2	AISSMS Polytechnic	Website Design and Development	National	17-08-2016
3	AISSMS IOIT	System Programming and Operating System	National	23-09-2015

Details of Workshop / STTP / FDP / Conferences Attended

S. N	Title	Type	Duration	Organizer	Sponsoring Agency
1	Research and Publications Ethics	STTP	Feb 17,2025 to March 22,2025	SPPU	SPPU AICTE
2	Building Advanced Data Analytics Aoolications withCloud Under Next Gen Employability Program-	FDP	27/01/2025 TO 31/01/2025	Edunet Foundation	AICTE
3	Empowering Educatores: Advanced Design Thinking & Innovation	FDP	02/12/2024 To 14/12/2024	AISSMSCOE Pune	AICTE
4	Cloud Infrastructure	FDP	21 Aug-25 Aug 2023	Brainovision Solution Pvt. Ltd.	AICTE
5	Data Science and Big data	FDP	8 Feb – 12 Feb 2022	I2IT	AICTE
6	Deep Learning Applications using IoT for Engineering and Science	STTP	24 May- 29 May 2021	MIT Academy of Engineering Pune	AICTE

Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
1	Institute Website Development and Incharge -Period: 2012 to 2025 and till date
2	Department Academic Coordinator- Period 2020-21, 2017-18, 2016-17
3	Spoken tutorials IIT Bombay Period 2018 to 2023
4	Industrial Visit during 2008-2011
5	AISSMS Engineering Today – 2015
6	Internet Connectivity and Networking
7	Guardian Faculty Member
8	NAAC Criteria-2 and NBA Criteria-4
9	Mentoring and Counselling of Students

Awards Received

S. No.	Awards
1.	Best paper award for international paper “Study of SVM based Indian Stock Market Prediction Methods” in IJRMP ISSN 2349-7300. 2019.

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

Nitin Rameshrao Talhar