



AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय
Accredited by NAAC with "A+" Grade



Department of Computer Engineering

Faculty Profile

Prof. Nitin R Talhar

Ph.D. (Computer Engineering) Pursuing

M.E. CSE(IT) BE CSE

Assistant Professor

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

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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.	Computer Engineering (CSE-IT)	Pune	1 st	May 2009
3.	B.E.	Computer Science and Engineering	Amaravati	1 st	May 2000

Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	22	10
2	Research	00	00
3	Industry	1	0
4.	Others	--	--
Total		23	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	5
2.	Distributed System	UG	BE	4
3.	Design and Analysis of Algorithm	UG	TE/ BE	5

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	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
2	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
3	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
4	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)
5	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 (IJRASET)	2321-9653	(IJRASET)
6	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

7	Study of SVM based Indian Stock Market Prediction Methods	N R Talhar Anwasha Tomar	2019	Int. Journal of Innovative Research & Multidisciplinary Physical Science (IJRMPS)	ISSN 2349-7300	IJRMPS
8	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	IJARIT
9	Efficient Revocation on Identity Based Encryption 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 Print 2320-9798	IJIRCCE

10	Effective MCA-based DOS attack detection system	N R Talhar and Amruta More	2016	International Journal of Computer Engineering and Applications		IJCEA
11	Analysis of distance measures using K-nearest neighbor algorithm on KDD dataset	Nitin Talhar Punam Mulak,	2015	International Journal of Science and Research	Online: 2319-7064	IJSR
12	Effective denial of	Nitin	2016	International	978-1-	IEEE

service attack detection using artificial neural network for wired lan	Talhar	Conference on Signal Processing, Communication, Power and Embedded System (SCOPES)	5090- 4620-1	2016
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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

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	--	--	--

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

S. No	Title	Type	Duration	Level (State/National/ International)	Sponsoring Agency
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Contribution as Resource Person

S. No.	Place/ Organization	Topic	Level(National/Int/ State/Regional)	Date
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	Cloud Infrastructure	FDP	21 Aug-25 Aug 2023	Brainovision Solution Pvt. Ltd.	AICTE
2	Data Science and Big data	FDP	8 Feb – 12 Feb 2022	I2IT	AICTE
3	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	College Website -Period: 2012 to till date
2	Department Academic Coordinator- Period 2020-21, 2017-18, 2016-17
3	Spoken tutorials IIT Bombay Period 2018 to till date
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 Ramesh Rao Talhar