



Department of Computer Engineering

FACULTY PROFILE

Prof. Sumedh G. Dhengre

M.E. (Computer Science & Engineering)
Assistant Professor



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ResearchAreas/ Areas of Interest

Wireless Sensor Network, Machine Learning, Adhoc Network, Data Structure etc...

Personal Details

Date of Birth	16 / 07 / 1986	Domicile	Maharashtra
Gender	Male	Blood Group	B +ve
Contact Details	D-1103, Gulmohar Renaissance, on Baif road, Wagholi Pune – 412207.		

Academic Background

Sr. NO.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	PhD Pursuing	Computer Engineering	SPPU Pune	-	-
2	M.E.	Computer Science & Engg.	RTM Nagpur	I st	June 2012
3	B.E.	Computer Engineering	RTM Nagpur	I st	June 2008

Work Experience

Sr. No.	Type of Experience	Years	Months
1	Teaching	14	00
2	Research	NIL	NIL
3	Industry	NIL	NIL
4.	Others	NIL	NIL
Total		14	00

Subjects/Courses Taught

Sr. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Embedded ERTOS	PG	SE (Mechanical)	01
2	Advanced Data Structure	UG	SE (Computer Engg.)	02
3	Data Structure & Algorithms/ FDS	UG	SE (Computer Engg.)	04
4	Web Technologies	UG	TE (Computer Engg.)	02
5	Elective IV- Mobile Applications	UG	BE (Computer Engg.)	02
6	Fundamentals of Programming Language - I	UG	FE (Computer Engg.)	02
7	Fundamentals of Programming Language - II	UG	FE (Computer Engg.)	02

8	Operating Systems	UG	TE (Computer Engg.)	02
9	Object Oriented Programming(OOP)	UG	SE (Computer Engg.)	02

Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals	NIL	17	NIL	03	01
Conferences	06	01	05	01	01

Publication Details (Journals)

Sr. No	Document Details	Authors	Year	Source Details	ISBN/ISSN	Publisher
1.	"An Intrusion Detection using Hybrid technique in Cluster based Wireless Sensor Network"	S. G. Dhengre V. Gulhane	May 2012	IJERT Vol. 1 Issue 3 pp. 1-19	ISSN: 2278- 0181,	International Journal of Engineering Research & Technology
2.	"A Survey: Energy Conservation in Smartphone's Using Offloading Based Malware Detection"	S. Deshmukh, K. Gaikwad, K. Patil, S. Patil, S. Dhengre	Jan. 2016	Volume 6 Issue 1 pp.191- 196	ISSN: 2277 128X	International Journal of Advanced Research in Computer Science and Software Engineering
3.	"Android based Optical Character Recognition System"	D.Maheshkumar, P. Adhav, S. Ghodechor, S. Dhengre	April 2015	IER Journal, 22nd , April 2015, pp. 1-5		IER Journal
4.	"A Survey Paper On Drowsiness Detection & Alarm System for Drivers"	P. Choudhari, R. Sharma, G. Singh, S. Das, S. Dhengre	Dec. 2016	IRJET Volume: 03 Issue: 12 Dec -2016 pp.1433- 1437	e-ISSN: 2395 - 0056, p- ISSN: 2395- 0072	International Research Journal of Engineering and Technology

5.	“Digital Currency based Social Planning System”	K. Satpute S. Dhengre R. Tirodkar N. Waichal S. Kumbhare	Mar. 2017	Volume 161 – No 13, March 2017, pp. 1-4.	(0975 – 8887),	International Journal of Computer Applications
6.	“A Survey on IOT Based Smart Garbage Monitoring System”	S. S. Chalke M. Bahlerao S. BAngar D. Gaikwad S. G. Dhengre	Mar. 2018	(JARIIIT), Volume 4, Issue 2, March 2018, pp.365-367.		International Journal of Advance Research, Ideas and Innovations in Technology
7.	“A Survey on Indoor Navigation System”	S. Saraf N. Shrivastava S. Shaikh S. Dhengre	Mar. 2018	Vol. 6, Issue 01, 2018, pp. 933-934.		IJSRD - International Journal for Scientific Research & Development
8.	“Vehicle Surveillance and Management System – A Survey”	R. Mahajan S. Chaturkar A. Ihare N. Mohta S. Dhengre	April 2018	IJRASET Volume 6 Issue IV, April 2018.		International Journal for Research in Applied Science & Engineering Technology
9.	“A Survey on Smart Chatbot for Personalized Travel Recommendation”	Ankita Sabat Janavi Chaudhari Shreyas Mehendale Siddhant Kosabe S. G. Dhengre	Dec. 2018	IJIRSET Vol. 7, Issue 12,	ISSN(Online): 2319-8753 ISSN (Print): 2347-6710	International Journal of Innovative Research in Science, Engineering and Technology
10.	“Smart Chatbot for Personalized Travel Recommendation”	Ankita Sabat Janavi Chaudhari Shreyas Mehendale Siddhant Kosabe S. G. Dhengre	May 2019	IJIRCCE Vol. 7, Issue 5,	ISSN (Online): 2320-9801 ISSN (Print): 2320-9798	International Journal of Innovative Research in Computer and Communication Engineering
11.	“Enabling authentication and Access Control-Based Data Sharing with personal Information Hiding for Secure Cloud Storage”	Dhanprada Bhoite Ankita Kamble Vishakha Kamble, Prof. S.G. Dhengre	Mar. 2019	IJFMR Volume 1, Issue 3, 2019	ISSN: 2582-2160	Journal of Innovative Research in Engineering & Multidisciplinary Physical Sci

12	Real-time Facial Emotion Detection using CNN Architecture and Relevant Recommendations based on Results	Rutuja Tambe, Anmol Thete, Aniket Gadhawe, Sumedh Dhengre	Dec 2020	Volume: 07 Issue: 12 Dec 2020	e-ISSN: 2395-0056 p-ISSN: 2395-00	International Research Journal of Engineering and Technology (IRJET)
13	Positive Vibes: A Real-time Facial Emotion Detector And Output Based Task Recommender	Rutuja Tambe, Anmol Thete, Aniket Gadhawe, Sumedh Dhengre	May 2021	Volume: 08 Issue: 05 May 2021	e-ISSN: 2395-0056 p-ISSN: 2395-0072	International Research Journal of Engineering and Technology (IRJET)
14	PERSONALITY PREDICTION BASED ON SOCIAL MEDIA USER BEHAVIOR	Omkar Shirke Sayali Patil Sagarika Bhandare Shubham Dhamale Sumedh Dhengre	May 2021	Volume-15, Issue-5 (May-21)	ISSN (O) :- 2349-3585	INTERNATIONAL JOURNAL FOR RESEARCH & DEVELOPMENT IN TECHNOLOGY
15	PERSONALITY PREDICTION BASED ON SOCIAL MEDIA USER BEHAVIOR	Omkar Shirke Sayali Patil Sagarika Bhandare Shubham Dhamale Sumedh Dhengre	July-21	Volume-10, Issue-3 (July-21)	ISSN (O) :- 2349-3585	INTERNATIONAL JOURNAL FOR RESEARCH & DEVELOPMENT IN TECHNOLOGY
16	Stock Market Prediction And Analysis Using Machine Learning Algorithms	Snehal Gore, Vasuki Rohilla, Poonam Raut, Sumedh Dhengre	May 2022	Volume 09, Issue-5 (May-22)	e-ISSN: 2395-0056 p-ISSN: 2395-0072	International Research Journal of Engineering and Technology (IRJET)
17	Smart WLAN Design for Intrusion Prevention System	S. V. Athawale, N. R. Talhar, S. G. Dhengre, V.R. Tribhuvan	July 2022	Vol. 26 No. 3 (January – June, Special Issue 2022 Part - 8)	ISSN: 0972-3641	Stochastic Modeling & Applications, Special Issue on Innovative Research in Management, Applied Science and Engineering

Publication Details (Conferences)

Sr. No.	Document Details	Authors	Year	Conference Details	ISBN	Organized by
1.	“Analysis of Intrusion Detection System for Wireless Sensor Network” Proceeding of International Conference on Electronics Computer Technology, pp-1-5.	S. G. Dhengre V. Gulhane	2012	International Conference on Electronics Computer Technology (ICECT 2012) June 2012, IEEE		International Conference on Engineering Computing and Technologies
2.	“Virtualization in Linux: A Survey”	S. Dhengre A. Limsay A. Deshmukh	2012	National conference on Recent Trends in Electronics and Computer Applications		GHRCE Nagpur
3.	“An Overview: Distributed File System of High Performance and Low Cost”	S. Dhengre K. Naidu A. Dhenge	2012	National Conference on Computer Science and Technology		SGGS Nanded
4.	“Enhancement in Cloud Computing with Linux Virtualization”	S. Dhengre R. Gupta N. Dargan	2012	National Conference on Recent Trends in Electronics and Computer Applications		GHRCE Nagpur
5.	“Wireless Grid & Storage System Design”	S. Dhengre K. Peshwani	Feb. 2011	ABHYUDYA National Conference		Priyadarshini Indira Gandhi College of Engineering, Nagpur
6.	“A Video Sharing Platform with Data Grid Technology for Mobile Devices”	S. Dhengre K. Peshwani S. Kumar	Mar 2011	National conference on Advanced Technology (NCOAT – NIRMITI)		Priyadarshini Institute of Engineering & Technology, Nagpur

PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	-	-	50

Professional Memberships

Professional Body	Level (National/ International)	Type (Fellow/Life/Annual)	Membership No.
Indian Society for Technical Education (ISTE)	National	Life	LM 134159
The Society of Digital Information and Wireless Communications (SDIWC)	National	Life	ID: 19199

Patents/IPR Filed/Granted

Sr. No	Investigator Details	Title	Year	Status (Filed/Grant)	Details

Books Published

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

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

Sr. No.	Title	Type	Duration	Level (State/National/International)	Sponsoring Agency
01	STTP on Theory of Computation	STTP	1 - 5 April 2013	National	GHRCE, Nagpur TEQUIP II
02	Webinar on “Digital Marketing”	Webinar	5 May 2020	State level Online	AISSMS COE, Pune
03	Webinar on “Carrier Opportunities in IT and Application of Data Mining”	Webinar	10 June 2020	State level Online	AISSMS COE, Pune
04	Webinar on “Digital Marketing and Amazon Opportunities”	Webinar	13 Oct. 2020	State level Online	AISSMS COE, Pune
05	Webinar on “Cloud Computing Technology”	Webinar	9 th July 2021	State level Online	AISSMS COE, Pune

Contribution as Resource Person

Sr. No.	Place/ Organization	Topic	Level (National/Int/State/Regional)	Date
01	Police Wireless Training Centre, Pune	Computer Networking	State Level	6 th June – 23 rd June 2017
02	Police Wireless Training Centre, Pune	Computer Networking	State Level	1 st Feb. - 15 th Feb 2017
03	Police Wireless Training Centre, Pune	Computer Networking	State Level	16 – 17 December 2016
04	Police Wireless Training Centre, Pune	Computer Networking	State Level	2 Days June 2016

Details of Workshop/STTP/FDP/Conferences Attended

Sr. No.	Title	Type	Duration	Organizer	Sponsoring Agency
1	One day workshop on Linux	Workshop	21st Feb. 2007	Computer Engineering Department	SVPCET, Nagpur
2	Faculty Induction Training Program	FDP	7th – 09th June 2011	GHRAHE, Nagpur	GHRCE, Nagpur
3	Aakash for Education	Workshop	10th –11th Nov. 2012.	GHRCE, Nagpur	GHRCE, Nagpur
4	Faculty Orientation Program	FDP	17th –18th June, 2013	AISSMS COE, Pune	AISSMS COE, Pune
5	Staff Development Program	FDP	25th –26th August 2016	AISSMS COE, Pune	AISSMS COE, Pune
6	International Electrical and Computer Engineering (WIECON-ECE-2016)	Conference	19th – 21st December, 2016	IOIT, Pune	IOIT, Pune
7	Microsoft Secure Remote Work of Department	FDP	21st May 2020	AISSMS COE, Pune	AISSMS COE, Pune
8	Employability Quotient and its Challenges	FDP	23rd May 2020	AISSMS COE, Pune	AISSMS COE, Pune
9	Data Science and Machine learning	Webinar	26th May 2020	AISSMS COE, Pune	AISSMS COE, Pune
10	IOT Applications	Webinar	29th May 2020	AISSMS COE, Pune	AISSMS COE, Pune
11	Right choice - Motivational talk	Webinar	30th May 2020	AISSMS COE, Pune	AISSMS COE, Pune
12	Cyber Security	Webinar	31th May 2020	AISSMS COE, Pune	AISSMS COE, Pune
13	National Level 1 Week Online FDP on "Advanced Teaching Tools, Techniques & Methodology for	FDP	02nd June to 08th June 2020	AISSMS COE, Pune	AISSMS COE, Pune

	Outcome Based Education"				
14	International webinar on Wireless Communication(6G) and future of IoT	Webinar	12nd August 2020	SSGM College of Engineering, Shegaon	SSGM College of Engineering, Shegaon

Major Professional Responsibilities Handled

Sr. No.	Role and Responsibilities
01	Acting as a departmental Industry Institute Interaction (I3) coordinator of AISSMS COE, Pune since 2020.
02	Acting as a departmental website coordinator of AISSMS COE, Pune since 2014.
03	Acting as AMC maintenance in-charge of AISSMS COE, Pune since 2014.
04	Handled website of Department of IT in GHRCE, Nagpur.
05	Coordinated technical event Engineering Today (ET) of Computer Engineering department in 2017
06	Contribution to the departmental NBA & NACC committee of Computer Engineering department in the AY 2014, 2017 respectively.
07	Arranged 1-day industrial visit for ME-I & ME-II students of CSE department of GHRCE, Nagpur to Global Logic, and Nagpur in AY 2011-12.
08	Arranged 1-day industrial visit for BE student of IT department of GHRCE, Nagpur to Persistent System, Nagpur in 2011 -12.
09	Arranged 1-day industrial visit for SE student of Computer Engineering department of AISSMS COE to GMRT, Pune in AY 2014 -15.
10	Coordinated National Social Scheme (NSS) in for AISSMS COE students for two days in 2014 & 2017, Pune.
11	Held One Day Computer Awareness program for ZP school students of Shivangaon, Nagpur.
	Coordinated 4 Day Industrial Visit to ISRO and HAL Bangalore February 2019.

Awards Received

Sr. No.	Awards
01	2 nd Rank in BE Computer Engineering Degree in St. Vincent Pallotti College of Engineering, Nagpur in June 2008

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

Prof. Sumedh Dhengre
(Name with Signature)