<u>**Resume**</u>

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Current Designation

I am working as an Assistant Professor at Dept of CSE, SGGSIE&T, Nanded (Started in August 2016).

Courses Taught at SGGSIE&T Nanded

Sr No	Course Code	Course Title	Duration	UG / PG
1	UCS101	Introduction to Computers & Programming	Aug16-Dec16	UG
2	CS329	Unix System Programming	Dec16-May17 and Dec17-May18	UG
3	CS335B	Combinatorics, Probability & Statistics	Dec16-May17 and Dec20-May21	UG
4	CS441A	Machine Learning	Jul17-Dec17 and Jul18-Dec18	UG
5	ESC107	Programming for Problem Solving	Dec18-May19	UG
6	PCC-NS-516	Number Theory and Cryptography	Dec18-May19	PG
7	PCC-CS-202	Data Structures	Jul19-Dec19	UG
8	PCC-CS207	Design and Analysis of Algorithms	Dec19-May20	UG
9	CS441I	Bandit Algorithm (Online Machine Learning)	July20-Dec20	UG
10	PEC-NS531	Deep Learning	May21-Sept21	PG

Education

Sr No	Degree / Branch	Institute / University	Duration	CGPA / Percentage / Grade
1	P.G.D.F.M. (Post Graduate Diploma in Financial Management)	Indira Gandhi National Open University, New Delhi	June 2011 to June 2014	Point-3.28/5.00 Letter Grade-C Percentage-58.00 Second Division

2	M.E. in Computer Science & Engineering	Government College of Engineering, Aurangabad, (Under Dr. B.A.M. University, Aurangabad), Maharashtra, India	Sept. 2010 to Sept. 2012	CGPA: 8.33 (First Class With Distinction)
3	B.TECH. in Computer Science & Engineering	Shri Guru Gobind Singhji Institute of Engineering & Technology, Vishnupuri, Nanded, (Under S.R.T.M. University, Nanded), Maharashtra, India	Aug. 2005 to May 2009	CGPA: 6.91 (First Class)
4	H.S.C.	*Saraswati Bhuwan Science College*, Aurangpura, Aurangabad, (Under Maharashtra State Board, Pune), Maharashtra, India	July 2004 to June 2005	Percentage: 87.33 (First Class With Distinction)
5	S.S.C.	*Manik Memorial Arya High School*, Hingoli, (Under Maharashtra State Board, Pune), Maharashtra, India	July 2002 to June 2003	Percentage: 82.67 (First Class With Distinction)

- B.Tech. Thesis: "Sachet : Anomaly Based Network Intrusion Detection System"
- M.E. Thesis: "A Novel Image Steganographic Method using Octa Way Pixel Value Differencing"

Old / Prior Experience

Sr No	Post Held	College / Institute	Period	Duration	Subjects Taught
1	Lecturer	Government Polytechnic, Jalna	July 2009 to September 2009	3 Months	Object Oriented Programming Systems
2	Lecturer	Govt Polytechnic, Hingoli	September 2009 to September 2010	1 Year	Fundamentals of Computers & Programming, Introduction to C Programming, Basic Electronics
3	Assistant Professor	Gokhale Education Society's R. H. Sapat College of Engineering, Nashik	July 2012 to August 2016	4 Years 2 Months	Digital Signal Processing, Digital Electronics & Logic Design, Software Engineering, Microprocessor Interfacing Techniques, Design & Analysis of Algorithms, Embedded Operating Systems, Data Communication & Wireless Sensor Networks, Smart System Design & Application

Publications

Sr No	Title of Paper	Conference / Journal	Venue	Dates
1	Review of Pixel Value Difference Methods in Steganography	International Conference on Recent Technologies (I-CORT) 2012	Institute of Knowledge College of Engineering Pune	9 to 11 February 2012
2	A Novel Image Steganographic Method using Octa-Way Pixel-Value Differencing	International Conference on Computer Science and Information Technology (CSIT)	Bhopal	8 July 2012

Training Programs Organized

Sr No	Title of Workshop / FDP	Venue	Dates	Remarks
1	Emerging New Dimensions of Higher Education in India	GESRHSCOEMSR Nashik	20 to 21 February 2015	
2	Machine Learning & Applications	SGGSIE&T Nanded	21 to 25 January 2019	One Week
3	Probability & Statistics	SGGSIE&T Nanded	15 to 20 March 2019	One Week

Expert Talks Delivered / Training Sessions Conducted as Resource Person

Sr No	Topic of Expert Talk	Title of STTP / FDP	STTP / FDP Dates	Venue	Expert Talk Dates
1	Principal Component Analysis	Data Mining using R	27 June to 2 July 2016	VNIT Nagpur	30 June 2016
2	Basics of Machine Learning and its Applications	Data Analytics & Machine Learning	25-29 September 2018	Government College of Engineering, Jalgaon	25 to 26 September 2018
3	Decision Trees	Machine Learning & Applications	21 to 25 January 2019	SGGSIE&T Nanded	25 January 2019
4	Introduction to R Software	Probability & Statistics	15 to 20 March 2019	SGGSIE&T Nanded	17 and 20 March 2019

Training Programs Attended

Sr No	Title	Venue	Duration	Remark
1	"Matrix Computations"	SGGSIE&T Nanded	22 to 27 February 2021	(One Week)
2	"Quantum Computing"	MNIT Jaipur	24 to 29 August 2020	(One Week)
3	"Analytical Techniques for Applied Research an Interdisciplinary Program"	SGGSIE&T Nanded	16 to 20 February 2020	(One Week)
4	"Internet of Things"	MNIT Jaipur	18 to 22 June 2018	(One Week)
5	"ANN & Deep Learning"	MNIT Jaipur	11 to 15 June 2018	(One Week)
6	"AI & Machine Learning"	MNIT Jaipur	4 to 8 June 2018	(One Week)
7	"Computer Networks"	SGGSIE&T, Nanded	12 to 16 March 2018	(One Week)
8	"Cyber Security"	SGGSIE&T Nanded	6 to 10 March 2018	(One Week)
9	"Essentials of Neural Network and Fuzzy Logic"	SGGSIE&T, Nanded	18 to 22 December 2017	(One Week)

10	"Big Image Data Processing using Machine Learning Algorithms"	NIT Warangal	11 to 16 December 2017	(One Week)
11	"Machine Learning & High Performance Computing"	SGGSIE&T, Nanded	9 to 10 March 2017	
12	"Deep Learning and Applications"	IIT Kanpur	12 to 16 January 2017	(One Week)
13	"Coding Theory & Cryptography"	SGGSIE&T, Nanded	26 to 31 December 2016	(One Week)
14	"Data Mining using R"	VNIT Nagpur	27 June to 2 July 2016	
15	"Digital Signal Processing"	VNIT Nagpur	5 to 7 March 2016	
16	"Importance of Statistics & Design of Experiments in Engineering"	VNIT Nagpur	18 to 22 January 2016	(One Week)
17	"Fundamentals of Writing a PHD. Thesis"	GESRHSCOEMSR Nashik	9 January 2016	
18	"Smart System Design & Applications"	JSPM Narhe Pune	17 July 2015	
19	"Programming Laboratory - III"	G H Raisoni Institute of Engg &Tech Pune	26 to 27 December 2014	
20	"Computer Laboratory - II"	Pune	2014	
21	"Digital Electronics & Logic Design"	VIIT Pune	27 July 2013	
22	"LaTeX"	GESRHSCOEMSR Nashik	13 to 14 July 2013	

Membership Details

Sr No	Details
1	Member of IEEE (Membership No : 97161500)
2	Life member Indian Society for Technical Education (ISTE), New Delhi. (Membership number : LM68294)

Administrative Experience / Responsibilities Shouldered (at SGGSIE&T Nanded)

Sr No	Responsibility	From - To
1	Class Coordinator - BTech(CSE)	June 2018 to June 2019 **and** July 2020 to December 2020
2	Class Coordinator - SYBTech(CSE)	July 2019 to May 2020
3	Lab Incharge - Machine Learning Lab	May 2017 to Till Date

Other Activities/Responsibilities

1. Member of Department Academic Council, CSE Dept, SGGSIE&T, Nanded, Aug 2016 Onwards
2. Worked as Institute Level Coordinator for AICTE, DTE, NIRF, etc, Aug 2016 Onwards
3. Member of departmental purchase committee for Procurement through GEM portal
4. Worked as member in PHD interview process for IRSS Scheme
5. Worked in Farewell committee

**Other Responsibilities / Activities at GES R H Sapat COE MSR Nashik
(during July 2012 to August 2016)**

1. Worked as external senior supervisor for university theory exams at Late G N Sapkal College of Engineering, Nashik under Savitribai Phule Pune University
2. Worked as external examiner for practical exams
3. Worked as Lab incharge for ELearning Lab
4. Worked as Time Table Coordinator
5. Worked as Rector of Boys Hostel

Research Area of Interest

Parallel Computing, Computer Vision, Machine Learning & Deep Learning

Masters Thesis (MTech - CNIS) Guided

Sr No	Name of the Research scholar	Title of the thesis	Status	Year
1	Katik Bagade	ADAS : Automated Driver Assistance System	Completed	2019
2	Poonam Sable	Face Recognition	Completed	2020
3	Rohan Lone	Plant Leaf and Disease Recognition using Deep Learning	Ongoing	2021

MTech Seminars Guided

Sr No	Name of the Research scholar	Title of the thesis	Status	Year
1	Vaibhav Supe	Fingerprint Recognition System Using Bozorth3 Algorithm For The Traffic Police	Completed	2017
2	Katik Bagade	Intrusion Detection System using Deep Learning	Completed	2018
3	Akshay Gujar	Intrusion Detection System in Cloud Environment	Completed	2019
4	Rohan Lone	Plant Leaf and Disease Recognition using Deep Learning	Completed	2020

BTech Projects Guided

Sr No	Name of the Student	Title of the thesis	Status	Year
1	Sairaj Sontakke	Stock Price Prediction System	Completed	2021
2	Shivani Awale	OpenCV application for detection of drowsiness	Completed	2021
3	Pranjali Pethe Priyanka Suryawanshi	Image Steganography	Completed	2021
4	Abhijeet Dange	Internship at "LitsBros Pvt Ltd"	Completed	2021

5	Sahil Rajendra Nagrale	Internship at "GS Lab"	Completed	2021
6	Gagandeep Kaur Cheema	Internship at "LitsBros Pvt Ltd"	Completed	2021
7	Ankush Azade Purudewa Pawar Manaskar Devendra	Document Summarization	Completed	2020
8	Bhakti Somani	Internship at "Flipshope" as Full Stack Developer	Completed	2020
9	Juilee Edlabadkar	Internship at "Paralaxiom Technologies Pvt Ltd" on Deep Learning / Computer Vision tasks	Completed	2020
10	Nishant Patil	Internship at "Raja Software Labs" on Java/Android	Completed	2020
11	Pratik Wakode	Internship at "Sarvaha Systems Pvt Ltd" on Javascript frameworks, PHP with other tools	Completed	2020
12	Jaideep Kadam	Internship at "Trikara Technologies Pvt Ltd" on Javascript and PHP frameworks	Completed	2020
13	Nikhil Choudhari	Android App for Educational Institutes	Completed	2019
14	Priya Bhusalwad Supriya Sawant	Fingerprint Recognition and liveness Detection	Completed	2019
15	Kaustubh Joshi Rohit Katariya Kalpana Dhonde	Indoor Scene Understanding by Scene Classification and Object Detection	Completed	2019
16	Sanskriti Dongare Dipti Chavare Ashwini Pawar	A Neural Representation of Sketch Drawings	Completed	2019
17	Renuka Pailwan Vaishali Nirude	Multi purpose web portal using PHP, Laravel	Completed	2018
18	Abhinav Shukla Krishna Bhandari	Recognizing speed limit on speed limit signs by using convolutional neural networks	Completed	2018
19	Ranjit Ubale	Clinic Management System (web portal)	Completed	2018
20	Dnyaneshwar Ghuge	IB Enterprise Resource Planning	Completed	2018