



AISSMS
COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय
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Department of Computer Engineering

Faculty Profile

Dr. D. P. Gaikwad

Ph. D (Computer Engineering)

Associate Professor

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🌐 <https://scholar.google.co.in/citations?user=3F50ThUAAAAJ&hl=en>



Research Areas / Areas of Interest

Network Security, Intrusion Detection System, Machine Learning, Soft Computing and Optimization algorithms, Microprocessors and Deep learning.

Personal Details

Date of Birth :	07 / 10 / 1971	Domicile:	Maharashtra
Gender :	Male	Blood Group:	B+ve
Contact Details:	Gardenia, Phase No.1, Building No. B-III, Flat No.3 Vadgaon		
	Sheri, Pune-410014.		

Academic Background

S . N O .	Qualification	Specialization	University	Class/Grade	Year of Passing
1	Ph.D.	Computer Engineering	SRTMU, Nanded	--	May 2017
2	M.E.	Computer Engineering	College of Engineering, Pune	I st	May 2006
3	B.E.	Computer Engineering	BAMU, Aurangabad	I st	May 1995

Foreign Visit

Name of Overseas University Visited	Duration	Agency which sponsored the visit	Purpose of Visit	Achievement
Stafford Shire	21 Days	UKIRI:	To study the	Attended the lectures of

Work Experience

University, Stafford, UK.		Scholarship £3000.	pedagogy of the Overseas University	different exposure pedagogy Shire other Eng land	classes. with of Staff ord Unive rsity Univ ersity	Got the best of Stafford and of
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S. No.	Type of Experience	Years	Months
1	Teaching	28	00
2	Research	04	00
3	Industry	--	--
4.	Others	--	--
Total		28	9

Subjects / Courses Taught

S. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Microprocessor and Microcontrollers	UG	SE (Computer)	10
2	Machine Learning	PG	ME (Computer)	05
3	Network security	PG	BE (Computer)	06
4	Advanced Computer Networks	PG	BE (Computer)	06
5	Design of Algorithms	UG	BE (Computer)	03
6	Distributed Operating System	UG	BE (Computer)	02
7.	Principles of Compiler Design	UG	BE(Computer)	01
8	Advanced Computer Architecture	UG	ME (Computer)	03
9	Research Methodology	UG	ME (Computer)	01
10	Soft Computing	UG	BE (Computer)	02

	optimization Algorithm.			
11	Object Oriented Programming	UG	SE (Computer)	06
12	Theory of Computation	UG	TE (Computer)	06
13.	Bio-inspired optimization Algorithms	PG	ME / M. Tech	03
14.	Soft Computing	PG	ME / M.Tech	03

Research Publications

	Natio nal	Internati onal	Sta te	SCI/ Scopus Indexe d	U G C Appr oved
Journals	00	60	00	15	
Conferences	01	17	00	01	--

Publication Details (Journals)

- [1] **D P Gaikwad and Talhar,**” Intelligent Cloud Resource Provisioning Using Multi-Agent Reinforcement Learning and Deep Predictive Modelling,” International Journal of Intelligent Engineering and Systems, Vol.19, No.1, 2026, pp-880-895 DOI: 10.22266/ijies2026.0131.53 ([Scopus](#)).
- [2] **Talhar and D P Gaikwad,** “Adaptive and Optimized Cloud Resource Allocation Using NSGA-II and Proximal Policy Optimization: An Evolutionary Hybrid Genetic–Neural Computing Approach,” IJDDT, Volume 16 Issue 19s, pp-1053-1068, 2026. ([Scopus](#))
- [3] **D Y Dhande and D P Gaikwad,** “Application of Rule Learner Classifier for Studying Bioethanol Fuelled Spark Ignition Engine Out Emissions and Classification,” ASEAN Journal on Science and Technology for Development (**AJSTD**), Volume 40, Number 1, **Nov. 2023**, pp.20-29. ([Scopus](#))
- [4] **D. P. Gaikwad and D Y Dhande** “Prediction of Abrasive Wear behaviour of the Poly-Tetra-Fluoroethylene material using Adaptive Neuro Fuzzy Inference Systems,” Jurnal Tribologi, Sep-2023, 38, pp. 141–159. ([Scopus](#))

- [5] **D. P. Gaikwad** and D. Y. Dhande, "Ensemble of Decision Trees for Intrusion Detection System," International Journal of Computing and Digital Systems, vol. No. 13, Issue No.1, Jan-2023. [\(Scopus\)](#).
- [6] **D.P. Gaikwad**, "Intrusion detection system using ensemble of rule learners and first search algorithm as feature selectors," International Journal of Computer Network and Information Security , 2021, 13(4), pp. 26–34. **MECS (Press)** [\(Scopus, Q2\)](#)
- [7] **D. P. Gaikwad**, A. F. Mukeri, "Towards Query Efficient and Derivative Free Black Box Adversarial Machine Learning Attack," I.J. Image, Graphics and Signal Processing, 2022, Vol. 14, Issue No. 2, pp. 16-24. Published Online April 2022 in MECS (<http://www.mecs-press.org/>) DOI: 10.5815/ijigsp.2022.02.02, Copyright © **2022 MECS**. [\(Scopus\)](#).
- [8] **D. P. Gaikwad**, B. S Patil and L.S. Patil, "Advance Genetic Algorithm Based PID Controller for Air Levitation System," International Journal of Modelling, Identification and Control, **Vol. 34, No. 1, 2022**. Publisher Inderscience. [\(Scopus, WOS, ESCI\)](#)
- [9] **D. P. Gaikwad**, Aadesh Agarwal, Omar Raj ale, Rehab Agrawal and Soured Nalkar, "IoT based Smart Parking System in Smart City," International Journal of Vehicle Information and Communication Systems, Vol. no. 7, Issue No. 3, pp. 306–320. 2022. [\(Scopus, WOS\)](#).
- [10] **D. P. Gaikwad**, Dinesh Y. Dhande, Chandrakishore S. Choudhari, Nazaruddin Sinaga and Kiran B. Dahe, "Prediction of spark ignition engine performance with bioethanol-gasoline mixes using a multilayer perception model," Petroleum Science and Technology, Volume 40, **2022** - Issue 12, Pages 1437-1461, DOI: 10.1080/10916466.2022.2025832, [\(Scopus, WOS, SCIE, Taylor & Francis\)](#).
- [11] **D. P. Gaikwad**, D. Y. Dhande, C. S. Choudhari, Kiran B. Dahe, "Development of Artificial Neural Network to predict performance of Spark Ignition Engine fuelled with waste pomegranate ethanol blends," Information Processing in Agriculture, ISSN:2214-3173, 6 May **2022**, [\(Scopus\)](#)
- [12] **D. P. Gaikwad**, D. Y. Dhande, C. S. Choudhari, "Evaluation of Emission Characteristics and Performance of Pomegranate Ethanol Blended S. I. Engine using Artificial Neural Network and Rule Learner Classifier, Journal of The Institution of Engineers (India): Series A <https://doi.org/10.1007/s40030-022-00639-z>. [\(Scopus\)](#)
- [13] **D. P. Gaikwad**, **M. M. Swami**, **S. S. Kolte**, "Ensemble of Rule Learner and Sequential Minimum Optimization Algorithm for Intrusion Detection System," International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-2, December, **2019**. [\(Scopus\)](#)
- [14] **D P Gaikwad**, et.al., "Identification of Cervical Spine Fracture Using Deep Learning," Australian Journal of Multi-Disciplinary Engineering, 28 Jan 2024, <https://doi.org/10.1080/14488388.2024.2307082>. [\(Taylor and Francis\)](#)
- [15] **D. P. Gaikwad and N R Talhar**, "Dynamic Cloud Resource Allocation: Efficient Optimization Strategies for Enhanced Performance," The Indian Journal of Technical Education, Volume 46, Special Issue, **July 2023**, ISSN 0971-3034, Page 366-375. [\(UGC\)](#)

- [16] **D P Gaikwad and A. S. Jadhav**, “Microbial Production of Green Polymer Xanthan Gum from *Xanthomonas Campestris*,” Biochemical and Cellular Achieves, 12 April 2025, ISSN 0972-5075. [\(UGC\)](#)
- [17] **D P Gaikwad**, Ravindra D Nalawade and Abhijit Jadhav, “Modification in strength parameter (CBR) of sub-grade soil with addition of Fly Ash,” Alochana Journal (ISSN NO:2231-6329) Volume 13, Issue 4, 2024, pg.212-223. [\(UGC\)](#)
- [18] **D P Gaikwad**, “Intrusion Detection System Using Ensemble of Decision Trees and Genetic Search Algorithm as a Feature Selector,” International Journal of Information Security Science, Vol.9, No.2, pp.104-113,2020. [\(UGC care\)](#).
- [19] **D. P. Gaikwad**, S. Sarap, D. Y. Dhande, “Video Summarization Using Deep Learning for Cricket Highlights Generation,” Journal of Scientific Research, Vol. 14, issue No. 2, pp.533-544, © 2022 JSR Publications. ISSN: 2070-0237 (Print); 2070-0245 (Online), doi: <http://dx.doi.org/10.3329/jsr.v14i2.56856>, 2022. [\(UGC-Care\)](#).
- [20] **D. P. Gaikwad**, M. Swami, S. Kolte, and M. Phadatare, “Contribution of Multiprotocol Label Switching Traffic Engineering in Throughput Enhancement”, SAMRIDDHI: A Journal of Physical Sciences, Engineering and Technology (*sums*), vol. 14, no. Spl-2 issue, pp. 274-279, Jun. 2022. [\(UGC-Care\)](#).
- [21] **D. P. Gaikwad**, S. V. Chaitanya, “Grading Method of Ensemble and Genetic Algorithm for Intrusion Detection System,”. SAMRIDDHI: A Journal of Physical Sciences, Engineering and Technology (*sums*), vol. 14, no. Spl-2 issue, pp. 235-238, Jun. 2022. [\(UGC-Care\)](#).
- [22] **D.P. Gaikwad**, Achilles Sonone, Sachet Patil, Suraya Lamble, Nishi Jain, “Crop Disease Detection System Using Deep Learning Method,” SAMRIDDHI: A Journal of Physical Sciences, Engineering and Technology (*sums*), vol. 14, no. Spl-2 issue, pp. 291-295, Jun. 2022. [\(UGC-Care\)](#).
- [23] **S V Chaitanya, D P Gaikwad**, “External Portable Cooling System for Mobile Phones,” SAMRIDDHI: A Journal of Physical Sciences, Engineering and Technology, [Vol 14 No Spl-2 issue \(2022\): A Journal of Physical Sciences, Engineering and Technology \(2022\)](#); [\(UGC-Care\)](#).
- [24] **D. P. Gaikwad**, S. Patil, A. Kalshetti, P. Sonawane, and O. Mane, “Digitization and Classification of Prescription and Medical Reports of Patients Using Deep Learning”, SAMRIDDHI: [A Journal of Physical Sciences, Engineering and Technology \(2022\)](#) (*sums*), vol. 14, no. Spl-3, pp. 428-434, Jan. 2023. [\(UGC-Care\)](#).
- [25] **D P Gaikwad and A J Kadam**, “Network Intrusion Detection System Using Stacking of Heterogeneous Base Learners,” Journal of Network Security Computer Networks, e-ISSN: 2581-639X, Vol. 10, Issue 1 (January – April, 2024) pp: (35-43).
- [26] **D P Gaikwad, Vismita Nagrale and M. P. Bauskar**, “Ensemble of Learner for Network Intrusion Detection System,” Journal of Network Security Computer Networks, [Vol. 9 No. 1 \(2023\)](#).

- [27] **D. P. Gaikwad** and A.F. Mukeri, "Adversarial Machine Learning Attacks and Defenses in Network Intrusion Detection Systems," I.J. Wireless and Microwave Technologies, 2022, Vol. 1, pp. 12-21 Published Online February 2022 in MECS (<http://www.mecs-press.org/>) DOI: 10.5815/ijwmt.2022.01.02, Copyright © **2022 MECS**. ISSN: 2076-1449 (Print), ISSN: 2076-9539 (Online), (**CrossRef**).
- [28] **D P Gaikwad**, "Efficient Alphabetic Text-based Tree Indexing," Journal of Environmental Science, Computer Science and Engineering & Technology; December 2020- **February 2021**; Sec. B; Vol.10. No.1, 001-010, E-ISSN: 2278–179X [DOI: 10.24214/jecet.B.10.1. 00110.]
- [29] **D P Gaikwad et.al**, "Detection of Malaria Parasite in Blood Using, "Solid State Technology, Vol. No. 63, Issue No. 6, Publication **Year: 2020**.
- [30] **D P Gaikwad and Vibhav Joshi**, "Instance Segmentation of Lung Infection of Coronavirus in CT scan Lungs," International Journal of Engineering Inventions e-ISSN: 2278-7461, p-ISSN: 2319-6491 Volume 9, Issue 9 [**September. 2020**] PP: 01-07.
- [31] **D. P. Gaikwad et.al**, "Parkinson Detection using Image Convolutional Neural Network and Transfer Learning, "Journal of Network Security Computer Networks www.matjournals.com e-ISSN: (2581-639X) Volume-6, Issue-3 (Sep-Dec, 2020).<https://doi.org/10.46610/JONSCN.2020.v06i03.001>.
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- [33] **D P Gaikwad and Amir Mukeri**, "Fine Tuned Deep Neural Networks for Intrusion Detection System," Journal of Network Security Computer Networks, Volume-6, Issue-2, May-August, **2020. (MAT)**
- [34] **D. P. Gaikwad with Mohini Somvanshi**, "User-Level Sentiment Analysis Technique in one Go Social Network and E-commerce," Journal of Emerging Technologies and Innovative Research, **Volume 7, Issue 2, February 2020. (UGC)**
- [35] **D. P. Gaikwad** with Mohini Somvanshi, "User-level Sentiment Analysis Technique on Social Network and E-commerce in One Go," In Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 6, ISSN-2349-5162, Page No. 160-163, **June, 2019. (UGC)**
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- [38] **D P Gaikwad** and et.al, "Autonomous Vehicle with Raspberry Pi using Deep Learning," International Journal of Electronics, Electrical and Computational System (IJEECS), Volume 7, Issue 3, ISSN 2348-117X, Page No. 08-313, March **2018**.

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- [40] **Yogita Ahuja and D.P. Gaikwad**, “A Novel Approach for Network Secrecy by Generating Secrets of Packet Erasures Using Jammer,” International Journal of Innovative Research in Science, Engineering and Technology, Vol. 6, Issue 12, **December 2017**.
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- [45] **Prerna Randive and D.P. Gaikwad**, “Intrusion Detection System Architecture for Different network attacks”, In International Journal of Research in Engineering and Technology (IJRET), Volume: 04 Issue: 10, ESSN: 2319-1163 & PISSN, 2321-7308, pp.212-216, **Oct-2015**.
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- [49] **D. P. Gaikwad and Dr.R.C. Thool**, “Intrusion Detection System using Cascade Forward Neural Network with Genetic Algorithm Based Feature Selection”, In International Journal on Advanced Computer Engineering and Communication Technology (IJACECT), ISSN: 2278-5140, vol-3, issue-3,**2014**.
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- [52] **Nilufar Zaman and D. P. Gaikwad,**” Comparison for Classification of Clinical Data Using SVM and Nuero-fuzzy”, in International Journal of Emerging Engineering Research and Technology Volume 2, Issue 7, PP 231-239, ISSN 2349-4395 (Print) & ISSN 2349-4409 (Online), October**2014**.
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- [54] **D. P. Gaikwad, R.C. Thool,** “A Framework for Simulation of Intrusion Detection System using Support Vector Machine”, International Journal of Computer Applications, Volume 76, Issue 2, **2013**.
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- [56] **D.P. Gaikwad,** “Revisiting the experiment on Content Based Image Retrieval System Using Aliveness Detection”, in i-Manager's Journal on Software Engineering, Volume7, Issue 2, **2012**.
- [57] **D.P. Gaikwad,** Trupti Jagdale and et.al. “Hiding the Text and Image Message of Variable Size Using Encryption and Compression Algorithms in Video Steganography”, International Journal of Engineering Research and Applications, ISSN: 2248-9622 Vol. 1, Issue 2, pp.102-108,**2011**.
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National and International Conferences

- [1] **D P Gaikwad and Talhar,** “An Analysis of ML-based Intelligent IDS for Wireless Sensor Networks / Design of Hybrid Approach for Cloud Resource Allocation using Genetic Algorithms and ML Techniques in ICMEET 2023 during 06-07 October 2023.
- [2] **D. P. Gaikwad and Talhar N R,** “Design of Hybrid Approach for Cloud Resource Allocation Using Genetic Algorithms and ML Techniques,” Springer Nature Singapore Pvt Ltd. **2025**,

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- [5] **Dr. D. P. Gaikwad,**” Intrusion Detection Systems (IDS): A Comparative Study of Snort, Suricata, Seek, and OSSEC Using Benchmark Datasets,” *International Conference on Smart and Sustainable Development in Science, Engineering and Technology, SSDSET 2K24* held on 10th Aug 2024, organized by Rayat Shikshan Sanstha’s Karmaveer Bhaurao Patil College of Engineering, Satara.
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- [12] **D. P. Gaikwad** and Dr. R. C. Thool, “DAREnsemble: Decision Tree and Rule Learner based Ensemble for Network Intrusion Detection System”, *International Conference on ICT for Intelligent Systems (ICTIS – 2015),* Ahmedabad, India, Publication Springer – **Verlag Germany (Springer SIST),** ISSN Number – 2190-3018, November 28 -29, **2015.**

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PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	-	8	25

Professional Body	Level (National/International)	Type (Fellow/Life/Annual)	Membership No.
ISTE	National	Life	LM5783

Patents / IPR Filed / Granted

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

Books Published

S. No	Title	Name of Publishe	ISBN/ISSN Number
1.	Chapter : Ensemble of Soft Techniques for Inline System in Theory and Mathematical Science	Vol N DOI:10.9734/ am s/v	ISBN 978-93-89562-12-5,
2.	D. P. Gaikwad and Shambhavi. S. Singh , "Machine Learning Algorithms for Prediction of Chemical Toxicity," Artificial Intelligence for Chemical Sciences Concepts, Models, and Applications, CRC Press, 2023,		
3.	D P Gaikwad and T C Thool , "Ensemble of Soft Computing Techniques for Inline Intrusion Detection System," in book. "Theory and Applications of Mathematical Science, Vol. No.1, ISBN 978-93-89562-12-5, DOI:10.9734/bpi/tams/v1.		
4.	D. P. Gaikwad , Rule Learner and Multithreading Technique with Genetic Algorithm for Inline Intrusion Detection System for High Speed Network, " <i>Theory and Practice of Mathematics and Computer Science, Vol.10</i> , 10 May 2021, Page-144-156		

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
01	Faculty Development Program on Vision-Mission-PEO_PO_CO: framing, Mapping, Assessment and Attainment.	FDP	1 week	National AISSMS College of Engineering. 10-15 June, 2019.	AICTE
2	Workshop on "Machine learning and its Application in Engineering.	FDP	2 Days	National at AISSMS College of Engineering, Pune, 16-17 March 2018	SPPU, Pune

3	Soft computing.	F D P	2 Days	National By AISSMS College of Engineering	SPPU, Pune
4	Machine learning and its Applications	F D P	2 Days	National at AISSMS College of Engineering, Pune, 2016.	SPPU , Pune

Contribution as Resource Person

S. No.	Place/ Organization	Topic	Level(National/ Int/ State/Regional)	Date
1	JSPM, Tathwade, Pune	Cyber Security and Cybercrime Pune for UG/PG/Ph.D. project selection and implementation.	National	10/6/2020
2	Chairperson : Fifth National Conference at Modern Education Society's College of Engineering, Pune.	Recent Advantages in Computer Engineering (RACE- 2017)	National	2017
3	Bharati	Guest Honour:	A two day's	

	Vidhyapeth's College of Engineering Lavale, Pune.	To Soft pic: Computing.	National Conference on Recent Advances in	
			Engineering Sciences	
4	AISSMS College of Engineering, Pune	Resource person "Awareness open resource platform for online research and self-study"	Institute	2018
5	AISSMS Polytechnic, Sponsored by MSBTE, Mumbai.	Resource person in Faculty Development Programme on "Steganography"	Institute	2018
6	Wadia College of Engineering, Pune	Resource person in Faculty Development	National	23 December 2016.

		ment Programme on “Microprocessor Laborato ry”		
7	Pimpri Chinchwad College of Engineering and Research Ravet, Pune, 13 December 2016.	Resource person in Fac ulty Develop ment Programme on “One day Faculty Develop ment Programme on "Microprocess or"	State	13 Decem ber 2016.
8	AISSMS College of Engineering,	Expert talk on “Artificial Intelligence	Institute	2019

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	Electronic Department.			
9	AISSMS College of Engineering, Pune	Expert talk on " Vision- Mission- PEO_PO_CO: framing, Mapping, Assessment and Attainment	Institute	2019
10	AISSMS Polytechnic.	Digital Forensic and Cyber Security” with	Institute	2019

		Police Cyber Crime Cell		
11	Police Department, Maharashtra.	Cyber Security for Three year	State	2016-18

Details of Workshop / STTP / FDP / Conferences Attended

S. N	Title	T y	Durati on	Organiz er	Sponso Agenc
1	Deep Learning" b NVI D a orga by P Colle o Enginee Lohgaon, Pune 2018.	F D P	1 week	Dy Patil of Lohgaon, Pune	AIST, Delhi
2	Data Science	F D P	(17 June - June	Shi University, Kolhapur	SUK
3	S Ja Program Languag S 2 "Organize d by	Co se	One week	AISSM" S an S Microsystem s	Sun educatio Services rses ,

					Microsystem	
4	Microsoft Technologies”	FPD		Persistent System Ltd . , 16 Pune from June to 20 June 2008	PSPL	
5	Information	Work	One week	College of	Ministry of	
	during 31 Dec 2008 to 04 Jan 2008 under Information Security Education Awareness Project (ISEA)	shop		Engineering, Pune	Information Technology	
					Government of India at COE, Pune.	
6	“Java P”	Certifi	One month	Sun Certification	BRAINBEN	
	7. Attended two workshop on “Use of Open Source T e c h n o	catio n			CH.	

	l o g y i n Engineering” from 19 Jan to 20 Jan 2007							
	under Quality Improvement Programme							
	University” 1.							
7	Use of Open Source Technology in shop	Work	19 Jan to 20 Jan 2007	Quality Improvement Programme of Pune University.	SPPU, Pune			
8	Object Oriented and Design using UML with	Cour se	22/04/2008 to 24/04/2008	(Course Code DEC475)	IBM, Pune			

	fundamentals			AISSMSCOE, Pune.	
	Rose”				

8	Induction Phase-I”	Tr ai ni ng	Ind uc tion Pro gr am m e	17 June 2002 to 12 July 2002	Govt.Polytec hni que, Pune	ISTE, New Delhi
9	Induction Phase- II”	Tr ai ni ng		25 Nov 2002 to 20 Dec 200 2.	Govt. Polytech niqu e, Pune	ISTE, New Delhi
1 0	Certificate “Computer Maintenance, Networking Multimedia”. grand/ scholarship.	cour se Ha rd wa re In te rn et , a n d Res ear ch	Cer tifi cati on	14/2/2003 to 23/05/200 3	Under continuing Education Programme, at Govt. Polytechnic, Pune.	

Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
1	Currently working as Head, Department of Computer , AISSMS College of Engineering, Pune.
2	Worked as Head, Department of Computer Engineering , Pimpri Chinchwad College of Engineering, Pune.
3	Worked as in charge of Research and Development , AISSMS College of Engineering, for 3 years.
4	Worked as NBA Coordinator of Computer Department (2010-2014).
5	Worked as senior supervisor of Pune University for two years.
6	Subject chairman of Computer and Network security , since 2012, SPPU
7	Practical chairman of Microprocessor and Interfacing techniques, SPPU.
8	Working as Chairman of Machine Learning Subject of ME (Computer), SPPU.
9	Worked as Subject Expert on Local Selection Committee at Modern Education Society's College of Engineering on 9 June 2017, (SPPU, Pune).

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10	Worked as Screening / Evaluation Committee for internal promotion / higher AGP through CAS at Modern Education Society's College of Engineering, Pune on 4 July 2017.
11	Worked as Screening cum Evaluation Committee for placement of Teacher in higher AGP at Modern Education Society's College of Engineering, Pune on 26 April 2016.

Awards Received

S. No.	Awards
1	Best Researcher Award in International Scientist Award at Visakhapatnam, India (2019).

International Journal Reviewer

S. No.	Role and Responsibilities
1	MAT journal , Open Access Journal. Title: Improving MT Evaluation at the Sentence Level: A Learning Approach.
2	MAT journal , Open Access Journal. Title: A RESEARCH REVIEW: Indian Sign Language Recognition Using Machine Learning.
3	IEEE Access , the Multidisciplinary Open Access Journal. Title: A Systematic Literature Review of Hybrid Approaches Based on SVM in Intrusion Detection.
4	IEEE Access , The Multidisciplinary Open Access Journal Title: a novel approach to intrusion detection using ensemble learning with feature augmentation.
5	International Journal of Computational Intelligence Systems. Title: Applying ANN to Build the Prediction Model for Site Selection of a Convenience Store.
6	Concurrency and Computation: Practice & Experience, Willey Online Library. Title: Lightweight efficient network for defect classification of polarizers.

7	Concurrency and Computation: Practice and Experience, Willey Online Library. Title: An intrusion detection algorithm based on bag representation with ensemble SVM in cloud computing.
8	International Journal of Computational Intelligence Systems (IJCIS). Title: Performance Analysis of Clustering for Brain Tumor Detection in MRI Images.
9	International Transactions on Computer and Network Security. Title: Design of Policy Based Packet Filtering Firewall.
10	International Journal of Computational Intelligence Systems. Title: Using Multi-Conditional Minimum Thresholds in Temporal Fuzzy Utility Mining.
11	International Journal of Computational Intelligence Systems (OA). Title: Improved Harmony Search Algorithm for Optimized Link State Routing Protocol in Vehicular Ad-hoc Network.

International Conference Paper Reviewer

S · N o.	Role and Responsibilities
1	International Conference on Computing Communication Control and automation (ICCUBEA). Title: Sentiment Analysis on Twitter Data-set using Naïve Bayes Algorithm.
2	International Conference on Computing Communication Control and automation (ICCUBEA). Title: Study of Electronic Stethoscope as

	Prospective Analysis Tool for Cardiac Sounds
3	International Conference on Computing Communication Control and automation (ICCUBEA). Title: Framework for searching research papers in dataset using soft computing approach.
4	2016 International Conference on Computing Communication Control and automation (ICCUBEA). Title: On Demand Recommendation using Association Rule Mining Approach.

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5	2016 International Conference on Computing Communication Control and automation (ICCUBEA). Title: Dynamic Document Representation Using Auto Summarization. 6. Coordination Control of DFIG under Distorted Grid Voltage Conditions Using MATLAB Simulink
6	International Conference on Computing Communication Control and automation (ICCUBEA). Title: Analyzing Associativity among Mirror Neurons for Financial Profiling: A Proposal.
7	Third International conference on Computing, Communication, Control and Automation (ICCUBEA 2017) Title: Classification of ECG for Atrial Fibrillation using NFC card – A Smart Medicare Record
8	Third International conference on Computing, Communication, Control and Automation (ICCUBEA 2017) Title: Survey of Memory streaming techniques for virtual machine in cloud environment
9	Third International conference on Computing, Communication, Control and Automation (ICCUBEA 2017) Title: Hybrid Crypto-System Approach use in Secure Intrusion Detection System for MANET
10	Third International conference on Computing, Communication,

	Control and Automation (ICCUBEA 2017) Title: Conditional Random Fields Based Improved Ranked Keyword Search Technique for Multi-Owner Multi-User System in Cloud Computing.
11	In fourth post graduate Conference of Computer Engineering(cPGCON), 2015, Title: Secure Data De-duplication with Application Awareness on Cloud Storage System
12	In fourth post graduate Conference of Computer Engineering(cPGCON), 2015, Title: Iris Image Categorization for Efficient Large-Scale Iris Identification
13	In fourth post graduate Conference of Computer Engineering(cPGCON), 2015, Title: Enhancing Virtual Machine Performance in Cloud Using Cache as a Service
14	. In fourth post graduate Conference of Computer Engineering(cPGCON), 2015, Title: Climable Face Image Retrieval from Sparse Impute

15	In fourth post graduate Conference of Computer Engineering(cPGCON), 2015, Title: Advanced Image Steganography Technique Based on Extended Visual Cryptography Scheme
16	In fourth post graduate Conference of Computer Engineering(cPGCON), 2015, Title: Recovering Degraded Document Images by using Binarization Technique.
17	IEEE International Conference on Computing, Analytics and Security Trends (CAST-2016). Title: Efficient Block wise Data Hiding for Securely Digital Image Sharing by Diverse Image Media.
18	IEEE International Conference on Computing, Analytics and Security

	Trends (CAST-2016). Title: Phishing Website Detection Using Fuzzy Logic Technique.
19	IEEE International Conference on Computing, Analytics and Security Trends (CAST-2016). Title: Non-Binary Audio Secret Sharing Scheme.
20	IEEE International Conference on Computing, Analytics and Security Trends (CAST-2016). Title: Development of RSA Simulink Block in MATLAB for simulation of encryption & decryption.
21	IEEE International Conference on Emerging Smart Computing and Informatics (ESCI-2020) Title: A Comprehensive Study of Prediction of Parkinson's Disease Using Machine.
22	IEEE International Conference on Emerging Smart Computing and Informatics (ESCI-2020) Title: Language Transfer Learning for Physiological Textual Similarity.
23	IEEE International Conference on Emerging Smart Computing and Informatics (ESCI-2020) Title: Personal AI Assistant with Emotion Recognition.
24	IEEE International Conference on Emerging Smart Computing and Informatics (ESCI-2020) Title: Ontology Enabled Taxonomy Management
25	ICATCSIT 2020, JSPM's Rajarshi Shahu College of Engineering Department of Computer Engineering. Title: Performance Comparison for Spam Detection in Social Media Using Deep Learning Algorithms.
26	ICATCSIT 2020, JSPM's Rajarshi Shahu College of Engineering Department of Computer Engineering. Title: The Question Answer System Using Deep Learning.

27	ICATCSIT 2020, JSPM's Rajarshi Shahu College of Engineering Department of
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	Computer Engineering. Title: Deep learning based Automatic Plastic Recognition using Autonomous Underwater Vehicle.
28	ICATCSIT 2020, JSPM's Rajarshi Shahu College of Engineering Department of Computer Engineering. Title: A Survey on Multimodal Summarization using Deep Learning.
29	ICATCSIT 2020, JSPM's Rajarshi Shahu College of Engineering Department of Computer Engineering. Title: Visual Question Answering using Convolutional Neural Networks.
30	ICATCSIT 2020, JSPM's Rajarshi Shahu College of Engineering Department of Computer Engineering. Title: Brain Tumor Detection Using Deep Learning.
31	ICATCSIT 2020, JSPM's Rajarshi Shahu College of Engineering Department of Computer Engineering. Title: Deep Learning approaches for Visual Question-Answering Systems.

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

Dr D. P. Gaikwad

(Name with Signature)