

FACULTY PROFILE



1.	Name of the Faculty	Gauri Rao		
2.	Designation	Associate Professor		
3.	Department	Computer Engineering		
4.	Date of Birth	14/09/1970		
5.	Date of joining the Institution	7/7/2004		
6.	Educational Qualification	M.Tech. Computer		
7.	Contact Details	24107390 Ext.-231		
8.	Total Experience in Years	Teaching	Industry	Research
		28	—	—
9.	Area of Specialization	NLP, DSP.		
10.	Courses Taught	DTLD, DSP, CO, ACA, DMGT, DSF, OOMD, DS, NS, MBS, TMP, DC		
11.	Papers Published in Journals	National	International	
		1	39	
12.	Papers Presented in Conferences	National	International	
		6	5	
13.	Research Profile	No. of Citations	h-index	i10-index
		75	3	1
14.	Research Guidance	UG	PG	Ph.D.
		67	9	
15.	Research Identity	Orcid Id		orcid.org/0000-0002-2569-1421
		Research Id		K-6382-2017
		Scopus Id		57190672525
		Google Scholar Id		f4DojX0AAAAJ
		Microsoft Academic Id		GauriRao
16.	Research Grants Received	----		
17.	IPRs/Patents/ Copyright	Patent published on 20/8/2021 with publication number 34/2021 Application number 202121033210 Invention Title ”System For Robust And Scalable Anomaly Detection In Video Surveillance “		

18. Publication Details: - <https://scholar.google.com/citations?user=f4DojX0AAAAJ>

- 1."Remote Installation Component" National Conference on Information Technology at Asia Pacific Institute of Management New Delhi ,Aug 31 to Sep 01 2007 Pg 584-588
2. "Embedded Configurable Operating System (ECOS)"National Conference on Embedded Control Computing and Communication at International Institute of Information Technology ,Pune19-21 September 2007
- 3." Fracture Detection Using Image Analysis" ICSCI 2008 Pentagon Research Centre Hyderabad Jan 02-05 2008 pg 535-538
4. "Natural Language Query Processing" COGNET 09 International conference Goa May 2009
- 5."Natural Language Query Processing" Using Probabilistic Context Free Grammar ITECH 09 International conference at AVCOE Sangamner 4th and 5th March 2009
- 6." Natural Language Query Processing Using Context Free Grammar" National conference RTIT 09 Ahmednagar 0-21 February 09 Pg no. 344-346
- 7."Steganography Using Post Encoding Algorithm " NCRTIT 09 sponsored by IEEE Kamraj COE Virudhunagar, Tamilnadu 27/3/09
8. "Storage Based Intrusion Detection For Storage Area Network" SRIJAN 2010 By MAIMT, Haryana 2010
9. "Natural Language Query Processing"" International Journal Of Computer application And Engineering Technology and Science IJ-CA-ETS Oct 2009 pg no. 124-129
10. "Securezza " CIT National Journal of Research ISSN 0976-3244 Vol I May 2010 Pg. 268-281
- 11."Three Dimensional Virtual Environment For Secured And Reliable Authentication" International Journal Of Advanced Engineering Technology Journal Of Engineering Research And Studies. ISSN no. 0976-7916 JERS/ Vol II/ Issue II/April –June 2011Pg 68-75
12. "Natural Language Query Processing Using Semantic Grammar" International Journal Of Computer Science And Engineering Vol II Issue II March 2010 pg no 219-233
- 13 "Software Reliability Prediction Based On MOGA-SA-SVR Model" International Journal of Recent Trends in Engineering and Sciences Vol 2, Issue3, ISSN 2277-3258 pg (84-90)2012
- 14." Software Reliability Measurement Based On API And Information Theoretic Metrics" IJMIE ISSN: 2249-0558 Volume 2, Issue 6June 2012
- 15"Study Of Various Anti Phishing Approaches And Introducing Improved Method For Detecting Phishing Websites" International Journal of Computer Science and Engineering Sep 2013 vol 2 Issue 4 pg 151-156
16. "Detection Of Phishing E-Commerce Websites Using Visual Cryptography" International Journal of Computer Engineering and Technology Volume 4 Issue 5 Sept-October 2013. Impact factor 6.1302 by GISI
- 17."Detection Of Phishing E-Commerce Websites Using Visual Cryptography" International Journal of Research in Advent Technology ISSN2321-9637Vol.2, No.2, February 2014 Impact factor 0.765

- 18."Security in multi cloud storage" Recent Advances in Computer Engineering 2014 National conference by Modern education society's college of engineering 20,21 March 2014
19. "Security in Multi-Cloud Storage with Cooperative Provable Data Possession" IJCSIT ISSN 0975-9646 Vol 5 Issue 6 Pg8259-62
- 20."Automated Profile Extraction And Classification" International Journal of Information System ISSN2229-5429vol IV , issue II pg 120-123 Jan-May 2014
- 21."Automated Profile Extraction And Classification" National conference on Innovations in IT and Management21-22 feb2014
- 22."Automated Profile Extraction And Classification with Stanford Algorithm" International Journal of Innovative Technology & Exploring Engineering ISSN:2278-3075 Vol -4 Issue -7 Dec 2014
23. "Integrity verification in multi cloud storage using cooperative provable data possession". IJCSIT ISSN 0975-9646 2014Vol 5 issue 2Pg 982-985
- 24."Web Page Template Generation and Detection of Non- Informative Blocks using Trinity- A Survey" IJCMS ISSN 2347 – 8527 Volume 4, Issue 10 October 2015Pg. no.104-107
- 25."Diversified Dataset Exploration Based On Usefulness Score" IJCEA ISSN 2321-3469 Vol IX, Issue X October 2015. Pg. no. 33-37
- 26." Sentiment Analysis And Classification By Considering Negation Polarity Shifter And Opinion Summarization For Product Reviews" IJITE ISSN: 2321-1776 Impact Factor- 5.343 Vol.04 Issue-05, (May, 2016) Pg.no. 71 to 79
27. "A Survey to Support NFRs in Agile Software Development Process" (IJCSIT) International Journal of Computer Science and Information Technologies, ISSN 0975-9646 Vol. 6 (6) , 2015, pg. no. 5487-548928
- 28." Hybrid Approach For Efficient Diversification on Cloud Stored Large Dataset" International Journal in IT and Engineering, Impact Factor- 5.343 Vol.04 Issue-04, (April, 2016) ISSN: 2321-1776, pg 12-20
- 29." A HEURISTIC APPROACH FOR GRAPH BASED MACHINE TRANSLATION" IJOABJ Scopus Indexed | Vol. 8 | issue 4 | pg 54-61 |2017 WOS
30. "Light Intensity and Moisture Level Detection for Greenhouse using IOT" INTERNATIONAL JOURNAL OF INNOVATIVE TRENDS IN ENGINEERING (IJITE) ISSN: 2395-2946 ISSUE: 48, VOLUME 29, NUMBER 01, 2017 Pg. 31 to 34
31. "Smart Security Camera using Raspberry PI" International Journal of Innovative Science and Research Technology ISSN No:-2456-2165 Volume 3, Issue 4, April – 2018 Pg 760 to 763
- 32." Iot Based Health Monitoring System By Using Raspberry Pi 3" International Journal Of Innovative Trends In Engineering (Ijite) Issn: 2395-2946 Issue: 76, Volume 52, Number 01, April2019 Pg. 33 To 37
33. "Chatbot System" International Journal of Advanced Research in Computer and Communication

Engineering ISSN (Online) 2278-1021 ISSN (Print) 2319-5940 Vol. 8, Issue 4, April 2019

34. "Diabetic Retinopathy Identification using Object Detection Method" International Journal of Advanced Research in Computer and Communication Engineering ISO 3297:2007 Vol. 7, Issue 3, March 2018 Pg. 111 to 115

35. "Detection of Fraud Apps using Sentiment Analysis" International Journal of Innovative Science and Research Technology ISSN No:-2456-2165 Volume 3, Issue 5, May – 2018 Pg. 410 to 414

36." Modelling of Non-functional Requirements for Agile Development Processes" IJITE ISSN: 2321-1776 International Journal in IT and Engineering Vol.04 Issue-02, (February, 2016) Pg.no.48-56

37. "Web Page Template Generation and Detection of Non- Informative Blocks Using Trinity", IJARCC ISSN (Online) 2278-1021 ISSN (Print) 2319 5940 International Journal of Advanced Research in Computer and Communication Engineering, Vol5 Issue3 Pg 70-72 March 2016

38. "Sentiment Analysis And Classification Using Lexicon-Based Approach And Addressing Polarity Shift Problem" I JATIT Scopus Indexed ISSN: 1992-8645 15th August 2016. Vol.90. No.1,PG.NO. 118 TO125

39." Amplify Statistical Machine Translation (SMT) using graph-based approach: A Novel Idea", International Journal Of Computer Science Trends and Technology (IJCST) Thomson Reuters Researcher-ID Volume 5 Issue 2, Mar – Apr 2017

40. "Water Level Monitoring System with Vertical Farming using IoT" International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-7, May 2020 ,550-553

41. " Cyber-Bullying Detection Using Machine Learning and Naïve Bayes and N-Gram Model" International Journal Of Innovative Research In Technology, Volume 8 Issue 3 August 2021 Pg no.648-652

42. " A Research on Crypto-Tracker Browser Extension" International Journal Of Innovative Research In Technology, Volume 8 Issue 3 August 2021 Pg no.471-474

43."A Novel Approach For Women Security With Information Fusion For Multi-Sensory Data" Turkish Online Journal Of Qualitative Inquiry. Scopus Indexed Volume 12 ,Issue 8,July 20-21 Pg no. 1621-1630

44." An IoT Based Fall Detection System" International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-6, April 2020 Pg. No.715-718

45. "Heart Disease Prediction Using Machine Learning" International Journal of Innovative Research in Technology, ISSN 2349-6002,Volume 9 Issue 1,June 2022, Impact factor 7.376

46. "Statistical Analysis of Deterioration of Air Quality in The Pandemic Era" International Journal of Innovative Research in Technology, ISSN 2349-6002,Volume 9 Issue 1,June 2022, Impact factor 7.376

47. "Traffic Light Management System Using Image Processing" International Journal of Innovative Research in Technology, ISSN 2349-6002,Volume 9 Issue 2,July 2022, Impact factor 7.376

	<p>48. "The Single Injection Current Flow An Insulator Containing Distributed Deep traps Around An Energy Operating Under High Field Regime" Neuroquantology November 2022 Volume 20 Issue 16 Page 242-247 Doi: 10.14704/Nq.2022.20.16.Nq88028</p> <p>49. " Automatic Classification of Medicinal Plants Using State-Of-The-Art Pre-Trained Neural Networks" Journal of Advanced Zoology ISSN:0253-7214Volume 43, Issue 1, Pages 80 – 882022</p> <p>50. "A Neural Network based Machine Translation Model from English to Ahirani Language" Journal of data Acquisition and Processing, ISSN 1004:9037, Vol 38 issue 1, pagea761-775</p> <p>51. "Study On Software Defect Prediction Based on SVM and Decision Tree Algorithm" International Journal on Recent and Innovation Trends in Computing and Communication, ISSN 2321-8169,vol11 issue7,pages 90-95</p>
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19.	<p>Details of Workshops/FDPs/Seminars Attended: -</p> <ol style="list-style-type: none"> 1 week IEEE FDP on WCNA YCCOE , Nagpur 24/11/22 to 29/11/22 5-day online FDP on the theme “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education(AICTE) from 7th February, 2022 to 11th February, 2022. AICTE Training And Learning (ATAL) Academy Online FDP Certification on "Wearable Devices" from 17/1/2022 to 21/1/2022 at St. Joseph’s College of Engineering and Technology, Palai, Kerala . AICTE Training And Learning (ATAL) Academy Online FDP Certification on "Internet of Things (IoT)" from 2020-10-12 to 2020-10-16 at Indian Institute of Information Technology Kota. AICTE Training And Learning (ATAL) Academy Online FDP Certification on "Design Thinking" from 2020-9-21 to 2020-9-25 at K K Wagh Institute of Engineering Education and Research. FDP on AI/ML/IOT by Zensar on 9th and 10th December 2019. FDP on Computer Science and business Systems designed by TCS at ISI Kolkata from 27/6/2019to 28/6/2019 12 Week NPTEL course on Introduction to IOT by IIT Kharagpur. JAN to April 2019. Topper with Elite Gold. Organized and participated in AR/VR training workshop by Makers Lab Tech Mahindra Pune on 4th and 5th April 2019. 1 week STTP on Introduction to network security by NITTR FROM 3/12/2019 TO 7/12/2019 One week online faculty development programme on “Data Science with R Programming for Data Analytics” organized by Sharad Institute of Technology, Department of Computer Science Engineering from 4th June to 9th June 2020. One week online Short Term Training Program on “Computer Networking with SDN” organized by Department of Electronics Engineering, Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune, Sponsored by AICTE under AQIS from 26th October to 31st October 2020. One Week Online Faculty Development Program on “Scilab” with course material provided by the Talk To A Teacher project at IIT Bombay organised under Spoken Tutorial Project, IIT Bombay, from 18th May 2020 to 22nd May 2020 remotely organized by the Department of Electronics and Telecommunication Engineering, Pune Vidyarthi Griha’s College of Engineering and Technology, Pune. One Week Online Faculty Development Program on “Linux” with course material
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provided by the Talk To A Teacher project at IIT Bombay organized under Spoken Tutorial Project, IIT Bombay, funded by NMEICT, MHRD, Govt. of India from 25th May 2020 to 29th May 2020 remotely organized by the Department of Electronics and Telecommunication Engineering, Pune Vidyarthi Griha's College of Engineering and Technology, Pune.

- 15.** One Week Online Faculty Development Programme On "Research Opportunities in Environmental Engineering" organised by Department of Civil Engineering, Bharati Vidyapeeth (Deemed to be University), College of Engineering, Pune in association with Department of Civil Engineering Shahajirao Patil Vikas Pratishthan's S. B. Patil College of Engineering, Indapur, Pune from 20th July 2020 to 25th July 2020
- 16.** 1 week FDP on Python Programming organized by BV Womens COE Pune in association with 9 Ledge Pro from 4/5/2020 to 9th May 2020
- 17.** FDP on Recent trends in IT organized by BVUCOEP 10/08/2020 to /08/2018
- 18.** One week online Short Term Training Program on "Computer Networking" organized by Department of Electronics Engineering, Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune, sponsored by AICTE under AQIS from 24th to 29th August 2020.
- 19.** 1 week FDP on Python Programming organized by Sanghavi COE, Mumbai in association with Spoken Tutorial Project, IIT Bombay from 3/5/2020 to 7/5/2020
- 20.** 1 week FDP on Java Business Application with certification test organized at RMD Sinhgad School of Engineering by with course material provided by the Spoken Tutorial Project, IIT Bombay.
- 21.** FDP on R programming organized by BVUCOEP in association with ICT academy from 29/08/2018 to 30/08/2018
- 22.** FDP on VMware vSphere organized by BVUCOEP in association with ICT academy from 21/3/2017 to 25/03/2017.
- 23.** FDP on "Writing research proposals to funding agencies" organized by BVUCOEP Pune in association with Engineering Staff College of India, Hyderabad from 29/12/2016 to 2/1/2017
- 24.** Two weeks FDP on "Intelligent Computing Algorithms and Applications ICAA15 from 30/11/2015 to 12/12/2015 organized by MITCOE Pune in association with Pune University.
- 25.** Member of Organizing committee for FDP on Cyber security and Forensic tools in association with Engineering Staff College of India, Hyderabad from 6th to 8th October 2016
- 26.** In-Charge of Registration committee for FDP on "IBM Rational software architect"

	<p>in association with web tech labs from 16th November to 18th November 2016</p> <p>27. “Secrets of guru” workshop on NLP and HUNA sponsored by TEQIP on 7th and 11th august 2015</p> <p>28. “High Impact teaching Skills” Dale Carnegie Training Program on 29th and 30th September 2015</p> <p>29. Regional workshop on “Student, faculty, staff satisfaction survey” organized by NPIU New Delhi, SPFU Maharashtra and COEP on 29th September 2014.</p> <p>30. Member of organizing committee and participant in workshop on “Women Empowerment” on 6th Feb 2015</p> <p>31. Member of organizing committee for 3rd International conference NANOCON 2014 held on 14th and 15th October.</p> <p>32. National level workshop on “Outcome based Accreditation for undergraduate engineering institutes” held on 26th - 28th August 2014</p> <p>33. Workshop on “Advanced cloud computing” under TEQIP organized by Jetking Infotrain Ltd. On 2-4 Jan 2014</p> <p>34. Workshop on “Fundamentals of cloud computing” under TEQIP organized by Jetking Infotrain Ltd. On 1-2 August 2013</p> <p>35. Workshop on Leadership Development “4 minutes a mile.” On 22nd August 2013 by Flagship Edumart.</p> <p>36. “NBA Awareness” workshop by Prof. Dr. B.L.Gupta, NITTTR Bhopal on 23-27 September 2013.</p> <p>37. National seminar on Research Methodology held on 29th and 30th September 2011 at MIBM Pune.</p> <p>38. “Capacity building workshop for women managers in higher education” from 17/1/05 to 22/1/05 organized at Tata institute of Social Sciences, Mumbai sponsored by U.G.C.</p>	
20.	Membership of Professional Bodies	: ISTE
21.	Books Published	1 .Computer Organization- Nirali Prakashan 2. Network management-Nirali Prakashan
22.	Awards & Achievements	-
23.	Additional Activities/ Responsibilities	<ul style="list-style-type: none"> ✓ Art circle in charge ✓ Member of Parent teacher committee ✓ NBA Co-ordinator ✓ GFM ✓ Unit Test Co-ordinator ✓ Coordinator for Industry Visit activity ✓ Organized internship at Tech Mahindra for 45 students ✓ AMIE co-ordinator ✓ Member of scrutiny committee for UG /PG admissions

		✓ In charge of felicitation committee for International conference NANOCN and Tech Fest Bhartiya
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