

FACULTY PROFILE



✓	Name of the Faculty	Netra Patil		
✓	Designation	Assistant Professor		
✓	Department	Computer Engineering		
✓	Date of Birth	09/09/1978		
✓	Date of joining the Institution	7/9/2013		
✓	Educational Qualification	M.E. Computer		
✓	Contact Details	9011079820 Ext.-224		
✓	Total Experience in Years	Teaching	Industry	Research
		16 Years		
✓	Area of Specialization	Computer Science and Engineering		
✓	Courses Taught	System Programming, Discrete Mathematics, Formal Language And Automata Theory, Compiler Design, Operating System		
✓	Papers Published in Journals	National	International	
			25	
✓	Papers Presented in Conferences	National	International	
		05	01	
✓	Research Profile	No. of Citations	h-index	i10-index
		8		
✓	Research Guidance	UG	PG	Ph.D.
		28	01	--
✓	Research Identity	Orchid Id		orcid.org/0000-0002-0257-0790
		ISI Research Id		K-6377-2017
		Scopus Id		57957898000
		Google Scholar Id		E3ohY-gAAAAJ
		Microsoft Academic Id		NetraPatil
✓	Research Grants Received	--		
✓	IPRs/Patents/ Copyright	01		

✓	<p>Publication Details: - International Journal:</p> <ol style="list-style-type: none"> 1) Mrs. Sheetal S. Patil, Dr. Suhas H. Patil, Netra Patil, "Automatic Classification Of Medicinal Plants Using State-Of-The-Art Pre-Trained Neural Networks" Journal of Advanced Zoology ISSN: 0253-7214 Volume 43 Issue 01 Year 2022 Page 80:88 2) Prof Netra Patil, Dr. Uday C. Patkar, "A Neural Network Based Machine Translation model For English To Ahirani Language" Journal of Data Acquisition and Processing Vol. 38 (1) 2023 ISSN: 1004-9037 DOI: 10.5281/zenodo.7691383 3) Dr. Shikha Bhardwaj Shrivastava, Dr. Uday Patkar, Dr. Uday Patil, Prof. Gauri Rao, Prof. Netra S Patil, Prof. Snehal Chaudhary, Prof. Sampat P. Medhane, "Neuroquantology 2022; 20(16): 242-247" DOI Number: 10.14704/NQ.2022.20.16.NQ88028 4) Sheetal S. Patil, Suhas H. Patil, Avinash M. Pawar, Mrunal Bewoor, Netra S. Patil, "Soft Computing Techniques for the Integration of Distributed Energy Resources (DERs)" Journals Pub 2022. ISSN: 2455-7307 Volume 8, Issue 2, 2022 DOI (Journal): 10.37628/IJDCIT International Journal of Distributed Computing and Technology. 5) N. S. Patil, Sheetal S. Patil, Avinash M. Pawar, Chitresh Goel, Navneet Rathore, Pratyush Upadhyay, "Real-time Audio Video Summarization" Journal of Mobile Computing, Communications & Mobile Networks, ISSN: 2349-901X Volume 9, Issue 2, 2022 DOI (Journal): 10.37591/JoMCCMN 6) Prof. Netra S Patil, Rohit Bhatia, Nishant Upmanyu, Nimish Gontiya, Prajwal Tripathi, "Study of Video-based Traffic Optimization using Image Processing", - International Journal of Science Technology & Engineering Volume 8 Issue 2 August 2021. 7) Netra Patil, Vaibhav Kohli, Vivurdhan Shrivastava "Gesture Controlled Smart Covid Basket with Automated Billing System" International Research Journal of Engineering and Technology (IRJET) Volume: 08 Issue: 08 Aug 2021, e-ISSN: 2395-0056, pp 863-870. 8) Prof. Netra S. Patil, Komal Rani, Shreya Rangappa and Virat Jain, "Social Distancing Detection", International Journal of Research in Engineering and Science (IJRES) ISSN (Online): 2320-9364, ISSN (Print): 2320-9356 Volume 9 Issue 9 Aug 2021 PP. 50-56. 9) Sheetal S. Patil, Amit Kumar, Ankana Mukherjee, Soubhagya Ajwani, R.G. Khalkar, Netra S. Patil, "Multi Disease Diagnostic Platform", Turkish Online Journal of Qualitative Inquiry (TOJQI) Volume 12, Issue 8, July 2021: 1539-155 10) Prof. Netra S. Patil, Sparsh, Nishant Singh, Pushkar Jaiswal, Siddharth Porwal, "Complaints Cell and Tracking Forum for Citizens", International Research Journal of Engineering and Technology (IRJET) Volume 7, Issue 8, August 2020. 11) Prof. Netra S Patil, Pritish Arora, Pratik Mali, Syed Ausaf Haider, Noor Mohammad Shaikh, "Establishing Control using Hand Gestures", International Research Journal of Engineering and Technology, Volume: 07 Issue: 05 May 2020, e-ISSN: 2395-0056, pp 5634-5645. 12) Prof. Netra S. Patil, Sparsh, Nishant Singh, Pushkar Jaiswal, Siddharth Porwal, "Complaints Cell and Tracking Forum for Citizens", International Journal of Scientific Development and Research (IJS DR) May 2020 IJS DR Volume 5, Issue 5, ISSN: 2455-2631. 13) Prof. Netra S Patil, Pritish Arora, Pratik Mali, Syed Ausaf Haider, Noor Mohammad Shaikh, "Study Of hand gesture recognition systems", International
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Journals of Research and Analytical Review (IJRAR), Volume 7, Issue 1 ,March 2020,2349- 5138 2348- 1269 966- 969.

- 14)Prof. Netra Patil, Dr. Naveenkumar Jayakumar,” A Model For Predicting Type-Ii Diabetes Using Machine Learning Approach”, Journal of Emerging Technologies and Innovative Research, June 2019, Volume 6, Issue 6, (ISSN-2349-5162),pp288-295.
- 15) Prof. Netra Patil, Ankan, Prashansha Gupta, Prasun Jha,” Location Based Android Application :Geo-Location”, International Journal for Research in Applied Science & Engineering Technology, Volume 5, Issue 6,May 2018.
- 16) Prof. Netra Patil, Mimoh, Manisha ,Jatin,” Recognizing Handwritten Alphabets using Neural Networks”, International Journal of Innovative Science and Research Technology, Volume 3, Issue 4,April 2018.
- 17) Prof. Netra Patil, Vishal,Akshay Jain,” Voice over Internet with text chat’, IJARIIT, Volume 4, Issue 3,I 2018.
- 18)Netra S. Patil, Tanvir Panesar, Parth Shinde, Krati Saxena, Suraj U Rasal, “Augmented Reality Based Construction Module for Floor Capacity Estimation”, International Journal of Computer Science Trends and Technology (IJCST) – Volume 5 Issue 2, Mar – Apr 2017.
- 19)Netra S.Patil, Tuneer Guha, Sarthak Kataria,” Autonomous Vehicle with Monocular Vision for Object Detection using Haar- cascade Classifiers “International Journal Of Computer Science Trends and Technology, Volume 8 Issue 2,Apr 2017,pp 178-181.
- 20)Netra S. Patil, Piyush Kumar,Aprajita,”Mess Management System”, International Research Journal of Engineering and Technology(IRJET), Volume 04,Issue 06,June 2017.
- 21) Netra S. Patil, Ashwin Patil,” Illustration of code change impact analysis tool to predict the software program behavior”, IIOAB Thomson Reuters Researcher-ID, Volume 8,Issue 2, Year 2017, Pages 14-20.
- 22)Netra S. Patil, Ashwini Patil,” Predict the software program behavior using code change impact analysis tool”, International Journal of Advanced Research in Computer and Communication Engineering (JARCCE), Volume 5,Issue 5 May 2016.
- 23)Veena Jadhav1, Vandana Gaikwad , Netra Patil,” Implementation Of Reducing Features To Improve Code Change Based Bug Prediction By Using Cos-Triage Algorithm”, International Journal of Research in Engineering and Technology eISSN: 2319-1163 | pISSN: 2321-7308, Volume: 03 Issue: 11 | Nov-2014,pp 429-436.

International Conference:

1) Sheetal S. Patil, S.H. Patil, Avinash M. Pawar , Mrunal S. Bewoor , and Netra S. Patil,”Comprehensive Review About Automatic Classification of Medicinal Plants”,Proceedings of the 2022 4th International Conference on Sustainable Manufacturing, Materials and TechnologiesAIP Conf. Proc. 2779, 030009-1–030009-10; <https://doi.org/10.1063/5.0142306>Published by AIP Publishing.

2)Netra Patil ,”Measure of attribute selection & data partitioning algorithm for hierarchical data clustering”, International Conference on Advances in Computing (ICAC2008) 2008.

National Conference:

- 1) Prof. Netra Patil, Syed Ausaf Haider,” Minimization of Dataset:Using a Master

	<p>Interlinked Dataset”, National Conference on Innovative trends in Computer Science, 2018-19.</p> <p>2) Netra S. Patil “Data clustering by Constructing an unsupervised Decision Tree”, National Conference on Nascent Technology in Engineering Fields 2008</p> <p>3) Netra S. Patil ,” Data clustering by construction Hierarchical Decision tree”, National Conference on “Applications & trends in DWDM 2008” 9 and 10 Feb 2008.</p> <p>4) Netra S. Patil, Vandana Mahadik, Dr. S.H. Patil,”Semantic Web meta data for e-learning”National Conference NCT Institute of Technology, Dehradun, India, 26-27 July 2007</p>	
✓	<p>Details of Workshops/FDPs/Seminars Attended: -</p> <ul style="list-style-type: none"> • AICTE Sponsored One Week Online Short Term Training Program On “Machine Learning: Algorithms and Applications in Data Science” 2 nd November – 7 th November 2020 • A One Week Short Term Training Programme On Predictive Analytics Using Artificial Intelligence (STTP-PAUAI), held during 14-19, December 2020 • AICTE Training And Learning (ATAL) Academy Online FDP on "Design Thinking" from 2020-10-19 to 2020-10-23 at KPR Institute of Engineering and Technology. • 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 • Attended FDP on “ IBM Rational software architect “ in association with web tech labs from 16th November to 18th November 2016 • Attended Two weeks STTP on “Internet of Things” approved by ISTE, New Delhi organized by Department of CSE & Electronics Engineering during 12th Dec to 22nd Dec 2016. • “Secrets of guru” workshop on NLP and HUNA sponsored by TEQIP on 7th and 11th august 2015 • Participate in workshop on “Women Empowerment” on 6th Feb 2015 • “Leadership for teaching faculty” sponsored by TEQIP • Attended one day workshop for implementation of “Software Laboratory” subject of TE Computer Engineering by University of Pune held on 20th January 2006. • Attended two days workshop for deciding the subjects at SE,TE & BE Computer Engineering held at VIT,Pune on 26th and 27th July 2003 	
✓	Membership of Professional Bodies	ISTE
✓	Books Published	NIL
✓	Patent	Patent Application Number 202241025877 Machine Learning Hereditary Factor Based Multifeatured algorithm for early diabetes detection.
✓	Awards/ Achievements	Won 1st prize in National Conference organized by FR.C. Rodrigues Institute of Technology Vashi.,2008.
✓	Additional Activities/ Responsibilities	<ul style="list-style-type: none"> ✓ Department Time-Table Incharge ✓ Department Library Incharge

		<ul style="list-style-type: none"> ✓ Program Co-ordinator for SDP ✓ Member of Organizing social event of EPST at Krishnaji Balwantrao More Vidhyalay, Katraj on 3rd Feb 2017. ✓ Member of refreshment committee for Bharatiyam & FDP organised under TEQIP-II. ✓ Guardian Faculty Member ✓ Lab Incharge of Operating System ✓ Institute Library Member ✓ NBA Criteria Incharge ✓ ARB Checking Committee Member
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