# Prof. Sushma Nandgaonkar

M.Tech.(Comp. Engg.), B.E.(Comp. Sci. and Engg.)

## Brief Profile

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Sushma Nandgaonkar has graduated in Computer Science and Engineering from WIT, Solapur (Shivaji University) and M.Tech in Computer Engineering from COEP, Pune ( Pune University) with distinction. Currently, she is pursuing her Ph.D. from an esteemed university, COEP Technological University. She has 20 years of teaching experience at graduate and post graduate level in which he has worked at various capacities viz DMR for ISO, Grievance Redressal Committee member, Project Coordinator, Seminar Coordinator, Academic Coordinator, Autonomy Coordinator, NBA Coordinator, and as a PG Coordinator. She has also shouldered the responsibility as the Head Of Computer Department. She has delivered expert lectures on Operating Systems at an engineering college under the Pune University. Sushma has qualified the GATE examination in 2011 and 2021. She has to her credit international conferences and journal articles. She has handled various responsibilities at university level such as Paper Setter, Paper checker for University of Pune Examinations, worked as a squad and Internal Sr. Supervisor for University Of Pune theory exam. She has attended Syllabus review meetings of Computer Engineering Board of Pune University. She has attended various National conferences, Seminars and workshops at various institutes. She had also visited various industries and institutions like Reliance Comm, Infosys, Bharat Forge, Microsoft Hydrabad, Zensar and IIT Hyderabad. Sushma has received a grant for her Research Project on "Discrimination Detection using Association Rule Mining" from BCUD, Savitribai Phule Pune University as a Principal Investigator and for "High Speed Network Intrusion Detection System using Stride-FA" as a Co Investigator. Total grant received is Rs. 1.2 Lac. She has organized one day state level seminar on "Advanced Algorithms" under the QIP Scheme funded by Savitribai Phule Pune University. She is life member of Indian Society for Technical Education(ISTE), Computer Society of India(CSI) and was a Member of Institute of Electrical and Electronics Engineers (IEEE).She is working with Vidya Pratishthan as Assistant Professor since 2005.

## Research Interest

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Natural Language Processing, Image Processing Machine Learning, Deep Learning

## Currently Working on

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Document SummaLarge Language Models

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# Research Publications

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1. Sushma Nandgaonkar, Vahida Z. Atta, Pradip K. Sinha Efficient decision tree construction for classifying numerical data. *International Conference on Advances in Recent Technologies in Communication and Computing*, 2009.
2. Sheetal A. Takale, Sushma S. Nandgaonkar Measuring Semantic Similarity between Words using Web Documents. *International Journal of Advanced Computer Science and Applications*, Volume 1, No 4, October 2010.
3. Nandgaonkar, S., Jagtap, R., Anarase, P., Khadake, B., & Betale, A. Image mining of textual images using low-level image features. In: *Proceedings of the 2010 3rd International Conference on Computer Science and Information Technology*, IEEE, Volume 9, July 2010, pp. 588-592.
4. Bhushan Mahajan, S. S. Nandgaonkar Discriminative Pattern Identification using Rule Based Approach. *International Journal Of Engineering Sciences and Research Technology*, ISSN 2277-9655, Vol. 3, Issue 5, May 2014.
5. Prashant T. Raut, S. S. Nandgaonkar A Development Approach Towards Self Learning Schedulers in Linux. *International Journal on Recent and Innovation Trends in Computing and Communication*, ISSN 2321-8169, Vol. 2, Issue 4, 2014.
6. V.S. Saswade, S.S. Nandgaonkar Exploiting Emergence of New Topics via Anomaly Detection: A Survey. *International Journal on Recent and Innovation Trends in Computing and Communication*, Volume 2, Issue 12, December 2014.
7. Minal Sonmale, Sushma Nandgaonkar Named Entity Recognition for Opinion Summarization using Tweet Segmentation over Twitter Dataset. *International Journal of Computer Systems*, ISSN: 2394-1065, Volume 3, Issue 7, July 2016.
8. Pooja S. Choudhari, Sushma S. Nandgaonkar Short Text Summary Generation on Social Network Comment Streams. *International Journal of Computer Systems*, ISSN: 2394-1065, Volume 3, Issue 7, July 2016.
9. Nemade, S., Mane, S. B., & Nandgaonkar, S. Detection and classification of aggressive comments and hate speech. In: *Proceedings of the 2023 International Conference on Computational Intelligence and Sustainable Engineering Solutions (CISES)*, IEEE, April 2023, pp. 55-60.
10. Nandgaonkar, S. S., & Mane, S. B. Hindi fake news detection using stacking ensemble method. In: *Proceedings of the 2023 14th International Conference on Computing Communication and Networking Technologies (ICCCNT)*, IEEE, July 2023, pp. 1-6.
11. Nandgaonkar, S. S., Shaikh, J., Bhore, G. B., Kadam, R. V., & Gadhave, S. S. Multilingual Misinformation Detection: Deep Learning Approaches for News Authenticity Assessment. In: *Proceedings of the 2024 15th International Conference on Computing Communication and Networking Technologies (ICCCNT)*, IEEE, June 2024, pp. 1-6.

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