



STAFF PROFILE



Ms. Ashwini Tukaram Sapkal

Assistant Professor

Information Technology

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Educational Details

Qualification	Degree	University	Grade	Year
Graduation	BE	SRTM University	75	2002
PG	ME CSE	Pune University	72	2010

Experience Details

Type	Duration	Designation/ Organisation Name	Brief Job Profile
Educational	9th Jan 2003 - 31st March 2003	Visiting Lecturer Government Polytechnique Pune	Taught c, c++ subjects
Educational		Assistant Professor AIT Pune	Worked as an Assistant professor

Journal Publications

1. A T Sapkal, (2018). [Leaf disease diagnosis using online and batch backpropagation](http://www.ijcseonline.org/pdf_paper_view.php?paper_id=2188&). *International Journal of Computer Sciences and Engineering*. 6(6), 362-365. ISBN/ ISSN No : 2347-2693. URL : http://www.ijcseonline.org/pdf_paper_view.php?paper_id=2188&.
2. Ashwini Sapkal, Uday Kulkarni, (2018). [Modified Backpropagation with Added White Gaussian Noise in Weighted Sum for Convergence Improvement](https://www.sciencedirect.com/science/article/pii/S1877050918320982). *Procedia Computer Science*. 143(0), 309-316. ISBN/ ISSN No : 1877-0509. URL : <https://www.sciencedirect.com/science/article/pii/S1877050918320982>.
3. Ashwini T Sapkal, Uday V Kulkarni, (2018). [Comparative study of Leaf Disease Diagnosis system using Texture features and Deep Learning Features](http://www.ripublication.com). *International Journal of Applied Engineering Research*. 13(19), 14334-14340.. ISBN/ ISSN No : 0973-4562 Online ISSN 0973-9769. URL : <http://www.ripublication.com>.
4. Ashwini Sapkal, V Ingale, (2014). Cryptographic Stgnography. *Computer Science & Information Technology*. 1(1), 17-23. ISBN/ ISSN No : 2331-6063.
5. Ashwini Sapkal, (2013). Kunal Secure Astro-Encryption- Data Encryption and Compression Using Planar Geometry . *International Journal of Emerging Technologies in Computational and Applied Sciences (IJETCAS)*. 1(1), 1-5. ISBN/ ISSN No : 2279-0047.

Conference Publications

1. Ashwini Sapkal, (2009). Satellite image classification using the back propagation algorithm of artificial neural network. *Geomatrix 2009*. 1(1), 1-4. ISBN/ ISSN No : na.

Conference

1. CSI-Technext 2018 (Attended), Industry - Academia Conference 2018, 2018, IIT Powai
2. 4th Interenational conference CCSEIT (Organized), International Conference on Computation Science, Engineering and Information Technology , 2014, AIT Pune

Seminar

1. Current trends in Computer Science Research (Attended), Research opportunities in Computer Science, 2017, MIT Pune

Workshop

1. Practical Approches of ANN and Deep learning (Organized), Deep learning hands on , 2018, AIT Pune
2. Deep Learning (Attended), CNN RNN and Transfer learning, 2018, DYPSOE Lohagaon Pune
3. FDP on orientation program for BE IT 2015 Pattern Syllabus (Attended), Business Analytics and Intelligence Subject details of conduction, 2018, JSPM wagholi
4. Revised BE IT(2015 Syllabus orientation (Attended), Conduction of Business Analytics and Intelligence subject, 2018, Bhivarabai Savant Institute of Technology Wagholi
5. Data Science and Machine Learning (Attended), Basics of Data Science Deep Learning , 2018, PCCOE Pune
6. FDP on Probability and Statistics for Machine Learning and Deep Learning (Organized), Probability and Statistics for Machine Learning and Deep Learning, 2017, AIT Pune
7. Basics of Kernel Programming (Organized), system call implementation, 2017, AIT Pune
8. Learner Centric Approach (Attended), Teaching Skill improvment, 2017, 16/06/2017
9. Parallel Computing with Cuda (Attended), NVIDIA GPU and Parallel Programming, 2017, PICT
10. Two Week workshop on Probability and Statistics for Engineers (Attended), Probability and Statistics, 2016, Amethy Unvirisity
11. Monte Carlo Simulation of Complex Biological system (Attended), Monte Carlo Simulation, 2016, IIT Powai

Research Grants

Title Of Project	Funding Agency	Duration	Sanctioned Amount	Role of Investigator
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Consultancy

Title Of Project	Funding Agency	Duration	Sanctioned Amount	Investigator Role
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Professional Memberships

Society	Membership No	Duration	
Computer Society of India	N1268328	30/06/2017	30/06/2020
IEEE Student Membership	91188690	02/02/2018	02/02/2019

No of PhD Students Guided : 0

No of PG Students Guided : 0