

STAFF PROFILE



Ms. Vaishali Sachin Ingale

Assistant Professor

Information Technology

vingale@aitpune.edu.in

Date of Joining
04/07/2005

Nature of Appointment
Regular

Educational Details

Qualification	Degree	University	Grade	Year
SSC		Maharashtra	52.93	1996
Diploma	Computer tech	Bombay Board	68.68	1999
Graduation	Comp Sci. & Engg	Swami Ramanand Teerth Marathwada University	71.43	2002
PG	Comp Engg	Pune University	60.26	2008

Areas of Interest

Experience Details

Type	Duration/ Period	Designation/ Organisation Name	Brief Job Profile				
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;">Total : 15.70 years</td> <td style="width:25%;">Teaching : 14.50 years</td> <td style="width:25%;">Research : 0.00 years</td> <td style="width:25%;">Industry : 1.20 years</td> </tr> </table>				Total : 15.70 years	Teaching : 14.50 years	Research : 0.00 years	Industry : 1.20 years
Total : 15.70 years	Teaching : 14.50 years	Research : 0.00 years	Industry : 1.20 years				
Educational	2.10 Years 17/08/2002 -30/06/2005	Lecturer Smt. Radhikatai Pandav college of Engg., Nagpur	Teaching				
Industrial	1.20 Years 05/04/2004 -30/06/2005	Software Developer Apple Cross Technologies & Solutions PVT. LTD. , Nagpur	Developer				
Educational	12.40 Years 04/07/2005- till date	Asst. Prof Army Institute of technology, pune	Teaching				

Journal Publications

- Vaishali Ingale, (2020). [GENNET: READING COMPREHENSION WITH MULTIPLE CHOICE QUESTIONS USING GENERATION AND SELECTION MODEL](#). *arXiv:2003.04360 [cs.CL]*. 1(1), 1-6. ISBN/ ISSN No : -. URL : <https://arxiv.org/pdf/2003.04360.pdf>.
- Vaishali Ingale, (2020). [Convolutional Neural Network for Facial Expression Recognition](#). *International Conference on Management Practices, Innovations & Research 2019*. 4(1), 19-20. ISBN/ ISSN No : 2250-3021, 2278-8719. URL : <http://iosrjen.org/pages/ICMPIR-Volume-4.html>.
- Vaishali Ingale, (2019). [Object detection using convolutional neural network](#). *SSRN*. 1(1), 1-5. ISBN/ ISSN No : 1. URL : https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3422311#.
- Vaishali Ingale, (2019). [Datasets for Machine Reading Comprehension: A Literature Review](#). *https://ssrn.com/abstract=3454037* or . 1(1), 1. ISBN/ ISSN No : 1. URL : <http://dx.doi.org/10.2139/ssrn.3454037>.
- Vaishali Ingale, Vaishali Ingale, (2018). [Headline Generation From News Article](#). *International Journal of Computer Engineering and Applications*, ISSN 2321-3469. 1(1), 1-7. ISBN/ ISSN No : 2321-3469. URL : <http://www.ijcea.com/wp-content/uploads/2018/06/ICORIET-118.pdf>
- Vaishali Ingale, (2015). Performance Evaluation of Various Routing Protocols with Geographic Greedy Forwarding In Ad-Hoc Network. *International Journal of Innovative Science, Engineering & Technology*. 2(5), 470-475. ISBN/ ISSN No : 2348 – 7968. URL : www.ijiset.com.

7. Vaishali Ingale, (2015). Deportation of Market Manipulation using ADS. *International journal of advanced research in Computer and communication engineering*. 4(3), 635-637. ISBN/ ISSN No : 2319-5940.
8. Vaishali Ingale, (2015). A Survey on Authenticated Data Structure and Various Implementation methods *International Journal of Software and Web Sciences (IJSWS)*. 1(1), 49-52. ISBN/ ISSN No : 2279-0063. URL : www.iasir.net
9. Vaishali Ingale, (2015). A Survey paper on Patient Health Monitoring System using Medicare device by improving Data Integrity and Data Security. *International Journal of Software and Web Sciences (IJSWS)*. 1(1), 49-52. ISBN/ ISSN No : 2279-0063. URL : www.iasir.net
10. Ashwini Sapkal, V Ingale, (2014). Cryptographic Stgnography. *Computer Science & Information Technology*. 1(1), 17-23. ISBN/ ISSN No : 2331-6063.
11. Vaishali Ingale, A T Sapkal, (2013). Configuration of Real Time Linux on EP93XX Platform. *International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE)*. 2(10), 3798-3802. ISBN/ ISSN No : 2319-5940. URL : www.ijarcce.com.
12. Vaishali Ingale, (2013). Porting of RTLinuxPro on ARM9 Platform. *International Journal of Engineering Research & Technology (IJERT)*. 2(9), 3153-3158. ISBN/ ISSN No : 2278-0181. URL : www.ijert.org.
13. Vaishali Ingale, A T 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), 119-122. ISBN/ ISSN No : 2279-0047. URL : www.iasir.net
14. Vaishali Ingale, A T Sapkal, (2012). Kunal Astro Cryptography security using distance formulae and 3D geometry. *International Journal of IT, Engineering and Applied Sciences Research (IJIEASR)*. 1(2), 31-33. ISBN/ ISSN No : 2319 - 4413. URL : www.irjournals.org.

Conference Publications

1. Vaishali Ingale, (2019). Object Detection using Convolutional Neural Network. *International conference on Communication and Information processing*. 01(01), 0. ISBN/ ISSN No : 000.
2. Vaishali Ingale, A T Sapkal, (2014). Cryptographic Steagnography. *International Conference on Computer, Communications and Information Technology*. 4(1), 17-23. ISBN/ ISSN No : 2231 - 5403.
3. Vaishali J Dharkar, A T Sapkal, (2010). Criminal Location Tracking using AVL Tree on Multi-Relational Database. *Emerging Technologies in Computational and Applied Sciences*. 1(1), 1-4. ISBN/ ISSN No : 1.
4. Vaishali Dharkar, (2009). Secure requirement elicitation through triggered message sequence chart. *National Conference on Information Technology*. 1(1), 1-3. ISBN/ ISSN No : 1.
5. Vaishali J Dharkar, (2008). Satellite Image Application. *Emerging Trends in Information Technology*. 1(1), 1-3. ISBN/ ISSN No : 1.
6. Vaishali J Dharkar, A T Sapkal, (2008). High Bit LSB Method. *Emerging Trends in Information Technology*. 1(1), 1-3. ISBN/ ISSN No : 1.
7. Vaishali Dharkar, A T Sapkal, (2007). Self Ranking Algorithm for Mobile Devices using Grid Computation. *National Conference on Advanced Computing & Computer Networks*. 1(1), 1-3. ISBN/ ISSN No : 1.
8. Dharkar Vaishali, Sangita Wankhede, (2006). Multi Media Telephone : Directory service & session contro for multimedia communication. *Computational Science and Information Processing*. 1(1), 1-3. ISBN/ ISSN No : 1.

Books

1. Vaishali S Ingale, Ashwini C Bokhare, (2018). *Artificial Intelligence (2015 Pattern) BE E&TC*. Nirali Prakashan. ISBN/ ISSN No : 938819487-X.
2. Vaishali Ingale, Ashwini C Bokhare, (2012). *Artificial Intelligence (2008 Pattern) (COMP)*. Nirali Prakashan. ISBN/ ISSN No : 938244832.
3. Vaishali J Dharkar, Ashwini C Bokhare, (2012). *Artificial Intelligence (2008 Pattern) (E&TC)*. Nirali Prakashan. ISBN/ ISSN No : 938196289-8.
4. Vaishali J Dharkar, Ashwini C Bokhare, (2011). *Artificial Intelligence (2008 Pattern) (IT)*. Nirali Prakashan. ISBN/ ISSN No : 938159527-5.
5. Vaishali J Dharkar, (2010). *Data Structures & Files (IT/COMP)*. Nirali Prakashan. ISBN/ ISSN No : 938006490-X.
6. Vaishali J Dharkar, (2010). *Data Structures & Files (E&TC)*. Nirali Prakashan. ISBN/ ISSN No : 938006492-6.
7. Vaishali J Dharkar, (2008). *Artificial Intelligence (2003 Pattern) (IT/COMP)*. Nirali Prakashan. ISBN/ ISSN No : 938244832-1.

Guest Lecture

1. Orientation Lecture on "Avishkar-2014" (Attended), Avishkar-2014, 2015, AISSMS

Seminar

1. Personal financial management (Attended), Personal financial management , 2019, AIT, Pune
2. Sustainability through technology (Attended), Sustainability through technology , 2019, Pune
3. Pariksha pe charcha (Attended), Pariksha pe charcha, 2018, Webinar
4. Pariksha pe charcha (Attended), Pariksha pe charcha, 2018, Pune
5. 1 day (Attended), Anti Sexual Harassment of woman at workplace, 2017, Labour law institute
6. 1 day (Organized), CII-AIT Meet, 2015, AIT Pune

Workshop

1. NVIDIA DEEP LEARNING INSTITUTE CERTIFICATE OF COMPETENCY (Attended), FUNDAMENTALS OF DEEP LEARNING FOR MULTIPLE DATA TYPES, 2020, NVIDIA DEEP LEARNING INSTITUTE
2. 5 days FDP on "Advanced Teaching Tools" (Attended), Advanced Teaching Tools, 2020, AISSMS
3. Certification (Attended), Technology Awareness Program : Deep Learning Architectures, 2020, PCCOE
4. Quiz (Attended), R-Programming, 2020, AISSMS
5. Two Weeks International Faculty Development Program (Attended), Emerging Trends in Industry 4.0, 2020, JSPM's Rajarshi Shahu College of Engineering
6. 7 days FDP (Attended), NAAC Awareness Programme for Faculty, 2020, Marathwada Mitramandal's INSTITUTE OF TECHNOLOGY (
7. FDP (Attended), "Faculty Awareness Programme on Outcome Based Education (OBE) and NBA Accreditation, 2020, SITS, Narhe
8. Innovation, IPR, Entrepreneurship, and Start-ups among HEIs (Attended), Innovation, IPR, Entrepreneurship, and Start-ups among HEIs, 2020, MHRD's Innovation Cell, New Delhi
9. NPTEL online certification (Attended), NBA Accreditation and Teaching - Learning in engineering (NATE) , 2020, online
10. Heartfulness Meditation (3 Days) (Attended), Heartfulness Meditation , 2019, AIT, Pune
11. NPTEL online certification (Attended), Python for Data Science , 2019, online
12. Machine Learning Using Python (Attended), 2 days Machine Learning Using Python 27 &28 Dec 2018, 2018, DYPSET
13. Practical approaches of Artificial Neural Network and Deep Learning (Organized), FDP under QIP, SPPU 17 to 19 december 2018, 2018, AIT
14. Certification course on Introduction to Machine Learning (NPTEL) (Attended), August – October 2018 , 2018, NPTEL Online certification
15. Hands-on Methodology on OBE implementation (Attended), Hands-on Methodology on OBE implementation, 2018, AIT, Pune
16. Pariksha pe charcha (Attended), Pariksha pe charcha, 2018, Pune
17. Pariksha pe charcha (Attended), Pariksha pe charcha, 2018, Pune
18. 1 Day FDP (Attended), Computer Lab 7 BE IT, 2015 pattern, 2018, PDEA's COE
19. 1 day (Attended), Revised BE IT (2105 Pattern) Syllabus Orientation- SEM I , 2018, JSPM's BSIOTR, Wagholi
20. International conference (Attended), Innovation in Engineering & Technology , 2018, DY Patil School Of Engineering & Technology
21. ISTE 2 WEEK FDP (Attended), Foundation Program in ICT for Education, 2018, IITBombayX
22. 2 days International FDP (Attended), on Data science & Machine Intelligence , 2018, PCCOE
23. 1 week FDP (Organized), Probability & Statistics for Machine Learning & Deep Learning, 2017, AIT, Pune
24. 2 day Workshop (Attended), Learner Centric Approach , 2017, AIT Pune
25. 2 WEEK FDP (Organized), Machine Learning and Image Processing , 2017, AIT Pune
26. 1 day workshop (Attended), NPTEL Awareness , 2017, DY Patil, Akurdi
27. 1 week FDP (Attended), R Programming & Data Analytics, 2016, MITAOE, Alandi, Pune
28. FDP (Attended), C# and Cloud Computing, 2016, AIT Pune
29. Certification course (Attended), Theory of Computation, 2016, NPTEL
30. 2 day Workshop (Attended), Java Programming, 2016, AIT Pune
31. 2 week ISTE workshop (Attended), Educational Technology for Engineering Teachers, 2016, IITBombayX
32. ISTE 2 WEEK FDP (Attended), Technical Communication for Scientists and Engineers, 2015, IITBombayX
33. Big Data & Hadoop (Attended), Big Data & Hadoop, 2015, AIT Pune
34. Certification course (Attended), Introduction to programming in C, 2015, NPTEL
35. Certification course (Attended), Design and Analysis of Algorithms, 2015, NPTEL
36. ISTE 2 WEEK FDP (Attended), Introduction to Design of Algorithm, 2015, IIT, Kharagpur,
37. FDP on Basic of Linux Kernel Programming (Attended), Basic of Linux Kernel Programming, 2015, AIT, Pune

38. Workshop on Cloud Computing (Organized), Cloud Computing, 2015, AIT Pune
39. Workshop on Cloud Infrastructures Services (Organized), Cloud Infrastructures Services, 2015, Cummins college for engineering for womens, Pune
40. 2 Days Course (Organized), First aid and Life saving, 2015, AIT Pune
41. FDP on Software Laboratory- II and Project Based Seminar (Attended), Software Laboratory- II and Project Based Seminar, 2015, MMCOE
42. Workshop on Big Data & Hadoop (Attended), Big Data & Hadoop, 2015, AIT, Pune
43. ISTE workshop on Control System (Attended), Control System, 2014, IIT, Kharagpur
44. International Conference on CCSEIT-2014 (Attended), International Conference, 2014, AIT, Pune
45. Workshop on Rational Software architect training in IBM SEED (Attended), Rational Software architect, 2014, AIT, Pune
46. Workshop on .NET Technologies (Visual C# Language .NET) (Attended), .NET Technologies , 2014, AIT Pune
47. Workshop on DB2 Datatbase and application Fundamentals (Attended), DB2 Datatbase and application Fundamentals, 2013, AIT, Pune
48. Workshop on Linux Application & Kernel Development (Attended), Linux Application & Kernel Development, 2013, AIT, Pune
49. Workshop on Linux (Attended), Linux, 2013, AIT, Pune
50. Workshop on PHP (Attended), PHP, 2013, AIT, Pune
51. FDP on Effective Teaching Techniques & Research Methodologies (Attended), Effective Teaching Techniques & Research Methodologies, 2013, AIT, Pune
52. Workshop on Network Simulation using NS2 (Attended), NS2, 2013, AIT, Pune
53. Workshop on DB2 (Attended), DB2, 2012, AIT, Pune
54. Workshop on LATEX (Attended), LATEX, 2011, SITS, Nahre
55. Workshop on Data-Mining (Attended), Data-Mining, 2010, PIT, Nagpur
56. Discussion on conduction of DSFL. (Attended), Discussion on conduction of DSFL., 2010, MMIT, Lohagaon
57. Workshop on discussion on conduction of Programming lab. (Attended), discussion on conduction of Programming lab., 2009, MAE, Alandi

Research Grants

Title Of Project	Funding Agency	Duration		Sanctioned Amount	Role of Investigator
Practical approaches of Artificial Neural Network and Deep Learning	SPPU under QIP	17/12/2018	19/12/2018	100000.00	Co-Investigator
Probability and Statistics for Machine learning and Deep learning	SPPU under QIP Research Project	05/12/2017	09/12/2017	100000.00	Co-Investigator

Consultancy

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

Society	Membership No	Duration	
Indian Society for Technical Education	LM 50625	01/01/2006	31/12/2047
Computer Society of India	F8002420	01/01/2007	30/06/2020

Achievements/ Contribution

Year	Details
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No of PhD Students Guided : 0 **No of PG Students Guided** : 0
No of PhD Awarded Students : 0