



SHARMILA GAIKWAD

PhD in Computer Engineering
M.E. in Computer Engineering
B.E. in Computer Engineering
Diploma in Computer Engineering

Email: **sharmila.gaikwad@mctrgit.ac.in**

Designation: Assistant Professor in Computer Engineering Department.

Experience: Educational 18 Years

Areas of Interest: Software Engineering, Web Engineering, Object oriented software Engineering Soft Computing.

Publications

Patent Application:

Sharmila Gaikwad, “Jade based solution for healthcare system”, Submitted to Controller General of Patents, Designs & Trade Marks, Boudhik Sampada Bhavan, Antop Hill, S.M. Road, Mumbai-400037, India.

Books Authored

Published a Book On “Software Engineering” for final year Computer Engineering with Nandu Publication.

Journals:

1. Sharmila Gaikwad, Gulabchand Gupta, "Design of Jade based Traffic Indicator System for Hospitals", IFRSA Board IFRSA International Journal of Data Warehousing & Mining on, 15 June 2014, PP 134-137.
2. Sharmila Gaikwad, "Mobile Agents in Heterogeneous Database Environment for Emergency Healthcare System", at ITNG 2008 5th International Conference on Information Technology-New Generations April 7-9, 2008, Las Vegas, Nevada, USA. Published in IEEE Computer society digital library, ISBN:978-0-7695-3099-4, PP.1220-1221
3. Sharmila Gaikwad, "A Jade Based Healthcare system", IJCS Journals, Volume 3, Issue 1, No 1, 2015 Reference ID: IJCS-071, PP 407-412.
4. Sharmila Gaikwad, Gulabchand Gupta, "Agent Oriented Testing on Jade based Hospital Repository Software", GRT, Impact factor 3.4052(UIF), ISSN 2231-5063.
5. Sharmila Gaikwad, Anusha Anchan, Pradyna Gaikwad, "Traffic Indicator System For Hospitals", GRT, Impact factor 3.4052(UIF), ISSN 2231-5063.
6. Dwij Mistry, Shradha Naik, Yogesh Bhanushali, Sharmila Gaikwad, "Object Oriented Analysis of Centralized C# Compiler Using Cloud Computing with UML" IJLTET ,Vol 3 Issue 3 Paper no 44, January 2014.
7. Salman Khan, Sharmila Gaikwad, "Analysis of Behavior of parallel web browsing: a case study", IJLTET, Vol 3 Issue 3, January 2014.
8. Ajikya NAlawade, Dharmik Kamdar, Pratik Angolkar, Sharmila Gaikwad, "Integrated Instant Messaging System", IJLTET, Vol 3 Issue 3, January 2014.
9. Pradyna Gaikwad, Sharmila Gaikwad, "Implementation Approach for Traffic Indicator System", IJIRAE, Paper ID FBSC10103 Volume 2 Issue 02, Feb 2015.
10. Kunal chawada, Sharmila Gaikwad, "Testing of Mobile Agent based Application", GRT, Impact factor 3.4052(UIF), ISSN 2231-5063.
11. Shabnam Nurani, Sharmila Gaikwad, "Intrusion Detection System:Security Monitoring System", Published in IJERA Journal, Vol 5, Issue 10(part 3), October 2015.ISSN :2248-9622, PP 1-5.
12. Maya Gharat, Saurabh Suman, Sharmila Gaikwad, "Review on Enhancing the Speed of MapReduce Classification Algorithms using pre-processing Technique", International Journal of Computer Science Trends and Technology (IJCST) – Volume 4 Issue 2 , Mar - Apr 2016International Journal of Computer Science Trends and Technology (IJCST) – Volume 4 Issue 2 , Mar - Apr 2016.
13. Kiran Hingu, Sharmila Gaikwad, "Survey on Different Cloud Platform", in IJIRCCE, Volume 4, Issue 3, March 2016, Impact factor 5.618 ISSN(online 2320-9801, ISSN(print) 2320-9798. PP-3774- 3777.

14. Akshay Vishawanath, Akshay Vishwanath, Lalit Bhosle, Rishab Bhandari, Sharmila Gaikwad, "Internet Controlled Vehicle", International Journal of Recent and Innovation Trends in Computing and Communication, Published in IJRITCC Journal, Volume 4, Issue 4, April 2016, ISSN: 2321-8169 Scientific Journal Impact Factor: 5.837
15. Shabnam Nurani, Sharmila Gaikwad, "Review of Mobile Crowd Computing", in IJIRCCE, Volume 4, Issue 4, April 2016, Impact factor 5.618 ISSN(online 2320-9801, ISSN(print) 2320-9798. PP-3774- 3777.
16. Maya gharat, Sharmila Gaikwad, "Enhancing Speed of Map Reduce Classification Algorithms using Pre-Processing Technique", in International Journal of Advanced Research in Computer Engineering and Technology, Volume 5, Issue 10, October 2016, PP 2482-2487
17. Gaurav Dudeja, Amna Awana, Manish Jathan, Anuj Mehata, Sharmila Gaikwad, "Traffic Density Management using Round Robin Scheduling with Varied Time Quantum and Traffic Analysis" in an international Journal of Recent and Innovation Trends in Computing and Communication, volume 4, Issue 10, October 2016, PP 129-133.
18. Shabnam Noorani, Sharmila Gaikwad, " Crowd Sourced Work Stealing in Mobile Cloud Computing" in an international Journal for research in Engineering Apppllication and Management, volume 02, Issue 07, Oct 2016.
19. Hemin Joshi, Vidhi Agrwal, Sharmila Gaikwad, "Proposal of Chat Based Automated System for Online Shopping" , American Journal of Neural Networks and Applications ,Volume 3, Issue 1, February 2017, Pages: 1-4, Received: Oct. 26, 2016; Accepted: Jan. 25, 2017; Published: Mar. 1, 2017.
20. Supriya More, Sharmila Gaikwad, "Application of Markov Process under Multi-agent System", International Research Journal of Engineering and Technology(IRJET), e-ISSN: 2395-0056, Page 4650-4652, Apr 2018.
21. Supriya More, Sharmila Gaikwad, "Detection of Malicious Behaviour of Agent Using Attack Detection strategies under Multiagent System", International Journal of Modern Engineering Research, IJMER vol8, Issue 5, Ver 1 , May 2018.
22. Supriya More, Sharmila Gaikwad, " Secure Cloud using Secure Data DEduplication Scheme", International Research Journal of Engineering and Technology(IRJET), e-ISSN: 2395-0056, Page 793-799, May 2018.
23. Rajesh Thasal, Subhada yelkar, Amit Tare, Sharmila Gaikwad, "Infomation Retrival and DE-duplication for Tourism Recommender Syetm", International Research Journal of Engineering and Technology(IRJET), e-ISSN: 2395-0056, Page 5-9, Apr 2018.
24. Vishaka Sonmore, Savinay Patil, Aparna Parab, Sharmila Gaikwad, "Procurment of raw material using NFC", International Journal of Advanced Research Trends in Engineering and Technology, ISSN 2394-3777, vol 5 special issue 3, Jan 2018.

Conferences:

1. Sharmila Gaikwad, "Mobile Agents in Heterogeneous Database Environment for Emergency Healthcare System", at ITNG 2008 5th International Conference on Information Technology-New Generations April 7-9, 2008, Las Vegas, Nevada, USA. Published in IEEE Computer society, ISBN:978-0-7695-3099-4, PP.1220-1221
2. Sharmila Gaikwad, Pradnya Dhafalapurkar, "Role of JADE in an Emergency Healthcare system", International Conference and Colloquium SPIT-IEEE Colloquium 2007, February 4-5, 2008.

3. Sharmila Gaikwad, Ram Reddy, "Supply chain management using Object Oriented Analysis and Design", 3rd International Conference on Advanced Computing & Communication Technologies November 08-09, 2008.
4. Sharmila Gaikwad, Nilesh Rathod, "Mobile Agent in a Heterogeneous Environment" 3rd International Conference on Advanced Computing & Communication Technologies, November 08-09, 2008.
5. Sharmila Gaikwad, Nilesh Rathod, "Cloud Computing For Rural Banking", at iFEEL, International Doctoral Thesis Conference, 5-6 February, 2011.
6. Sharmila Gaikwad, "Object oriented Analysis of a JADE based catastrophe healthcare system" at JJTU, Rajasthan, 26-27 Dec 2013.
7. Salman Khan, Ayush Khemka, Sharmila Gaikwad "Parallel web browser" at International Conference On Advanced Computing & Communication Technologies, November 25-26, 2013, Karad, Maharashtra.
8. Dwij Mistry, Shradha Naik, Yogesh Bhanushali, Sharmila Gaikwad "Centralized Compiler using cloud computing" at International Conference panipat, hariyana on october16-18, 2013.
9. Sharmila Gaikwad, Gulabchand Gupta "An Object Oriented Analysis of a mobile agent based Catastrophe Healthcare System using UML", M.H. Saboo Siddik College of Engg. 2014
10. Sharmila Gaikwad, Gulabchand Gupta, "Mobile agent in a heterogeneous hospital environment", JJT University, 11-12, May 2014.
11. Sharmila Gaikwad, "A JADE based Emergency Heterogeneous healthcare system", Information Technologies (InfoTech-2014) 18-19 September 2014, Bulgaria.
12. Piyush Choudhary, Karan Gaikwad, Vinay Jadhav, Sharmila Gaikwad, "Cloud Based Mobile Application for Tracking User Activities", at International Conference on Emerging Trends in Engineering, Science and Technology IFERP, 12-13, March 2016, Mumbai. ISBN:9788192958045, PP 37-40
13. Supriya More, Sharmila Gaikwad," A Study of Consensus Problem in Multiagent System", in ICEMTE-2017 at Shree L.R.Tiwari college of Engg, ISSN 2321-819099-104 Volume 5 Issue 3
14. Maya Gharat, Sharmila Gaikwad," Result Analysis of Ave and Max Algorithms", in ICEMTE-2017 at Shree L.R.Tiwari college of Engg, ISSN 2321-819099-104 Volume 5 Issue 3
15. Christ D'soza, Sharmila Gaikwad," A study of gait analysis for human identification", in ICEMTE-2017 at Shree L.R.Tiwari college of Engg, ISSN 2321-819099-104 Volume 5 Issue 3

National Conferences:

1. **Sharmila Gaikwad**, Pradnya Dhafalapurkar, "Heterogeneous Database System Using Mobile Agent" National Conference on Recent Trends in Information Technology for Rural Development at Shri Sant Gajanan Maharaj College of Engineering, Shegaon, Dist: Buldhana (M.S.) India on December 9th, 10th 2007.
 2. **Sharmila Gaikwad**, Pradnya Dhafalapurkar,"Heterogenous Database for Healthcare system" National Conference in Information technology at Datta Meghe College of Engg. On 28th December 2007
-

Program Committee Member

1. **Board Member** of International Journal of Engineering Trends and Technology E-ISSN 2231-5281, P-ISSN 2349-0918, Impact factor 1.795.
 2. **Editorial Board Member** of International Journal of Science Management And Engineering Research ISSN: 2455-6203 (ONLINE).
 3. **Board Member** of International Journal of Science Trends and Technology, ISSN:2347-8578
-

Official Reviewer

- 1 **Reviewer** of International Journal of Science Trends and Technology, ISSN:2347-8578
 - 2 **Reviewer** for **Institute for Exploring Advances in Science & Engineering Journals**.
-

Participated as Session Chair

1. Invited as a **Session Chair** at National Conference NCTAA National Conference 28 +and 29 January 2016 at Atharv College of Engineering, Malad.
 2. Invited as a **Session Chair** at One day " at International Multidisciplinary Conference on "Use of Digital Technology in Business, financial services and Education System" at Seva Sadan College of Art, Science and Commerce, Ulhasnagar. 10 Feb 2018.
 3. Invited as a Guest of Honor and **Session Chair** at One day at International Multidisciplinary Conference on "Use of Digital Technology in Business, financial services and Education System" at Seva Sadan College of Art, Science and Commerce, Ulhasnagar. 09 Feb 2019.
-

Major Events Organised

1. **Organised a FDP on "Data Science" in Technical Association with ATS /infotect Pvt Ltd between 12-14 july 2018.**
 2. **Conducted and organized** the workshop on "**Python** " in collaboration with **ACM-RGIT** and **CESS** at MCT's Rajiv Gandhi Institute of technology between 13- 14 August 2018.
 3. **Organized** an International Conference at Rajiv Gandhi Institute of Technology.
 4. Worked as an **Organizing Committee member** at the international Conference on Advances in Computing and Information Technology (ICACIT 2014). At Rajiv Gandhi Institute of technology.
-

Invited Talks

1. Delivered seminar as a Resource Person on "Object Oriented Analysis and Design"(One Session) in the one week short term training program on "Project Management" approved by AICTE-ISTE during 8th May to 12th May 2006. At Mct's RGIT, Mumbai.
2. Delivered an Expert Talk on "Project management and software Engineering " at S.N.D.T. college, Charchgate.
3. Delivered seminar as a Resource Person on "JADE-Middleware" (One Session) in the one week short term training program on "Middle ware Technology" approved by AICTE-ISTE at Mct's RGIT, Mumbai, Jan 2010.
4. Delivered a Special Talk on "E-Commerce" at St. John College of Engineering, Palghar, May 2013
5. Delivered a Video Lecture on "Software Engineering" for Atharv College of Engineering, Mumbai, Jan 2015.
6. Delivered an Expert Talk on "Object Oriented Analysis and Design Using UML Rational Rose", at Theems College of Engineering, Bhoisar, Sep 2015.

7. Invited as a Session Chair at National Conference NCTAA National Conference 28 and 29 January 2016 at Atharv College of Engineering, Malad.
8. Delivered an Expert Talk on “Project Management” at Shree L. R. Tiwari College of Engg, Miraroad, 16 July 2016.
9. Delivered a talk on “Digital Technology in management and Finance” at an International Conference, Seva Sadan College of art , Commerce and Science, Ulhasnagar on 09 Feb 2019

Project Supervisor

PG level:

1. Strategic Attacks and Blocking Behaviour of Malicious Agent under Multiagent System.
2. Crowd Sourced Work Stealing in Mobile Cloud Computing Enhancing Speed of Map Reduce Classification Algorithms using Pre-Processing Technique.
3. Enhancing the Speed of Map reduce Classification Algorithms Using Pre-Processing Technique
4. Case study on Map reduces to build linguistic fuzzy rule based classification systems for big data.

UG level:

1. Centralized Compiler using cloud computing
2. Parallel web browser
3. Integrated Instant Messaging System.

Professional Bodies Association:

1. **ISTE** (Indian Society for Technical Education), Life Membership No : LM 47692
2. **IEAE** Professional Life time Membership ID: IEAE 2017727
3. **ISOC** Internet Society Member ID: 215151
4. **IAOE** International Association of Online Engineering Member ID: 10293
5. **HKCBEEES** Hong Kong Chemical, Biological & Environmental Engineering Society- Senior Member NO.: 101559
6. **IAENG** International association for Engineers Fellow membership no 228358

Awards

- **NPTEL Course “Cloud Computing” successfully completed, Feb-Mar 2018.**
- **University Ranker** in University of Pune at **ME Computer Engineering** Examination.
- Received **Research Excellence award** from **IEAE Institute for Exploring Advances in Science & Engineering, Karnataka** in the year 2017.
- **Best Paper Award at International Conference on Topical Transcends in Science, Technology and Management For paper” Smart Assistant for Doctors” , 17-18 August 2018.**