

## STAFF PROFILE



**Mr. Gajanan Madhavrao Walunjkar**

Assistant Professor

Information Technology

gwalunjkar@aitpune.edu.in

Date of Joining  
01/07/2005

Nature of Appointment  
Regular

### Educational Details

Qualification	Degree	University	Grade	Year
SSC	SSC	Pune	73.33	1997
HSC	HSC	Pune	80.33	1999
Graduation	BE ( Computer Engineering)	Pune	63.80	2003
PG	ME ( Computer Engineering)	Pune	67.93	2009
Doctoral	PhD (CSE) Scholar	VTU	Pursuing	-

### Areas of Interest

### Experience Details

Type	Duration/ Period	Designation/ Organisation Name	Brief Job Profile
Total : 17.80 years	Teaching : 17.40 years	Research : 0.00 years	Industry : 0.40 years
Educational	16.00 Years 1 July 2005 to till date	Assistant Professor (Sl. Grade) Army Institute of Technology, Pune	Teaching to UG level students
Educational	1.40 Years 1 Jan 2004 to 31 May 2005	Lecturer DYPCOE Pune	Teaching to UG level students
Industrial	0.40 Years 1 Jun 2003 to 30 Sep 2003	Trainee Engineer BSNL Ahmednagar	Trainee Engineer at BSNL

### Journal Publications

1. Prof. Gajanan Walunjkar1, (2019). [Smart Attendance System Using Facial Recognition](#). *International Journal for Research in Applied Science & Engineering Technology (IJRASET)*. 7 ( IV), 1064-1069. ISBN/ ISSN No : 2321-9653. URL : <https://www.ijraset.com/fileserve.php?FID=21121>.
2. Prof Gajaan M Walunjkar, (2018). [Integrated Approach of Prediction of facial expression during online examination](#). *International Journal of Innovtive Science and Research Technology*. 3(4), 307-309. ISBN/ ISSN No : 2456-2165. URL : <https://ijisrt.com/integrated-approach-of-prediction-of-facial-expression-during-online-examination>.
3. Prof G.M.Walunjkar, (2014). [Augmented Reality Application for Mobile Phones](#). *International Journal of Engineering Research & Technology*. 3(3), 616-618. ISBN/ ISSN No : e-ISSN: 2278-0181. URL : <https://www.ijert.org>.
4. Prof Gajanan M. Walunjkar, (2013). [Implementation Of High Performance SEDA\(Staged Event Driven Architecture\) Server As MS Active Sync Proxy Server.](#) *INTERNATIONAL JOURNAL OF MATHEMATICS AND COMPUTER RESEARCH*. 1(3), 88-93. ISBN/ ISSN No : ISSN :2320-7167. URL : <http://ijmcr.in/>.

## Conference Publications

1. Mr.Gajanan Madhavrao Walunjkar, (2019). Simulation and Evaluation of Different Mobility Models in Disaster Scenarios . *2019 4th International Conference on Recent Trends on Electronics, Information, Communication & Technology (RTEICT-2019), MAY 17th & 18th 2019.* -(-), -. ISBN/ ISSN No : -.
2. Mr Gajanan Madhavrao Walunjkar, (2017). Speed-up the rendering of animations/images using distributed computing. *INCON XII. XII(I), 99-102.* ISBN/ ISSN No : ISBN:978-93-24457-21-7.
3. Mr Gajanan Madhavrao Walunjkar, (2016). [NDIS Filter driver for vSwitch in Hyper -v OS.](#) *INCON IX. IX (I), 108-112.* ISBN/ ISSN No : ISBN :978-81-924861-0-9.
4. Mr Gajanan Madhavrao Walunjkar, (2015). [Semantic Analysis Based Information Retrieval on the Internet Using Fuzzy Approach.](#) *INCON 2015. XIII(XIII), 18-22.* ISBN/ ISSN No : E-ISSN-2320-0065.
5. Prof G.M.Walunjkar, (2014). [Intelligent Tutoring System for Sudoku.](#) *International Research Conference on Recent Advances in Engineering and Technology (IRCRAET-2014).* 1(1), 80-81. ISBN/ ISSN No : ISBN: 978-3-642-24819-4.
6. Mr Gajanan M Walunjkar, (2014). [Activation of application or virtual objects through hand gestures.](#) *International conference on ongoing trends in research in management and IT.* IX(I), -. ISBN/ ISSN No : -.
7. Mr Gajanan M Walunjkar, (2013). [Fuzzy approach for analysis and effective retrieval of multimedia information.](#) *International conference on ongoing trends in research in management and IT.* VIII(I), 44-48. ISBN/ ISSN No : ISBN 978-81-921445-1-1.
8. Mr Gajanan M Walunjkar, (2013). [ROUTING WITH WEIGHTED LOAD BALANCING IN MOBILE AD HOC NETWORK.](#) *International conference on ongoing trends in research in management and IT.* VIII(I), 70-73. ISBN/ ISSN No : ISBN 978-81-921445-1-1.
9. Mr Gajanan M Walunjkar, (2012). Fuzzy computational intelligence for knowledge discovery n databases . *International conference on ongoing trend in management an IT.* VII(I), 70-75. ISBN/ ISSN No : ISBN/ISSN Number :978-81-921-445-1-1 .
10. Mr Gajanan M Walunjkar, (2011). Efficient information hiding through data mining technique. *International conferenc eon ongoing trend in management and IT.* VI(I), -. ISBN/ ISSN No : -.
11. Mr G.M.Walunjkar, (2010). [Fuzzy controller for computer applications and impact of filtering on it.](#) *National conference.* -(-), -. ISBN/ ISSN No : -.
12. WALUNJKAR GAJANAN MADHAVRAO, (2010). Man Machine Interaction using Fuzzy Recognizer and its Performance measurement. *International conference.* -(-), -. ISBN/ ISSN No : -.
13. Mr Gajana M Walunjkar, (2009). Supervised Fuzzy Approach for Hand Gesture Recognition system. *International conference on ongoing trends in management and IT.* IV(I), -. ISBN/ ISSN No : -.
14. Mr Gajanan M Walunjkar, (2007). Distributed Java Compiler. *Internatinal conference.* -(-), -. ISBN/ ISSN No : -.
15. Mr Gajanan M Walunjkar, (2007). Virtualization of Network Storage. *International conference.* -(-), -. ISBN/ ISSN No : -.

## Conference

1. 2nd IEEE Global Conference on Wireless Computing and Networking (Attended), Wireless Computing and Networking:Reviewer for the conference papers, 2018, SIT Lonawala
2. Judge for national level Paper Presentation (Attended), Judge for national level Paper Presentation , 2013, PCCOE Pune

## Guest Lecture

1. Delivered Guest lecture (Organized), system software programming, 2013, MMIT Lohgaon Pune

## Seminar

1. Industrial Visit to TCS Hinjewadi Pune (Organized), Industrial Visit for TE IT, 2019, TCS Hinjewadi Pune
2. One day Workshop (Attended), JDBC Connectivity using MYSQL, 2012, AIT Pune in association with Accenture
3. FDP (Attended), FDP , 2012, TCS Pune
4. Discussion on TE IT 2008 course (Attended), Discussion on Conduction of Software DEsogn Lab& SDTL for TE IT 2008 course, 2011, CCOEW Pune
5. Guest seminar (Attended), Image processing & Computer vision, 2009, SIT Lonawala

## Workshop

1. 1.5 month course on LaTeX101x LaTeX for Students, Engineers, and Scientists (Attended), LaTeX for Students, Engineers, and Scientists , 2019, AIT Pune
2. Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), MHRD, Govt. of India (Attended), One day Workshop on Linux, 2019, AIT pune
3. 2 months course on Object Oriented Programming by IITBombayx (Attended), Object Oriented Programming, 2019, AIT Pune
4. 4 Week course under 'College to Corporate' Program (Attended), Handling Large Projects, 2019, AIT Pune
5. SP Pune Sponsored Three days State level faculty Development Program (Attended), Practical approaches of Artificial Neural Network and Deep Learning, 2018, AIT Pune
6. Workshop on Python Programming by Mitu Skillologies Pune (Attended), Python Programming, 2018, AIT Pune
7. Faculty Development Program (Attended), Implementation of Revised BE IT 2015 course syllabus, 2018, Smt Bhivrabai Sawant COE Pune
8. SP Pune University sponsored state level one week FDP on " Probability and statistics on Machine Learning and Deep Learning" (Organized), Probability and statistics on Machine Learning and Deep Learning, 2017, AIT Pune
9. Four months Mooc course by IIT BombayX on 3D animation using Blender (Attended), 3D animation using Blender, 2017, AIT pune
10. Two-Months Online course on "ET601Tx: Educational Technology for Engineering Teachers" (Attended), Educational Technology for Engineering Teachers, 2016, AIT Pune
11. Two-Week ISTE STTP on "Effective Mentoring of Online Students in Computer Programming - WCS101.1x" by IIT Bombay (Attended), Effective Mentoring of Online Students in Computer Programming - WCS101.1x, 2015, AIT Pune
12. Two weeks ISTE workshop on Control systems by IIT Kharagpur (Attended), Two weeks ISTE workshop on Control systems by IIT Kharagpur, 2014, DYPIET Pimpri
13. Oracle Workforce Development Program (Organized), 1 month WDP on Oracle 11g, 2014, AIT Pune in association with Oracle University
14. 03 days Workshop on DotNet by ATS infotech Pune (Attended), 03 days Workshop on DotNet by ATS infotech Pune, 2014, AIT Pune
15. 03 days Workshop on JAVA by ATS infotech Pune (Attended), 03 days Workshop on JAVA by ATS infotech Pune, 2014, AIT Pune
16. Workforce Development Program (Organized), 1 month Oracle WDP Program(oracle 10g), 2013, AIT Pune in association with Oracle University
17. 03 days workshop on Linux application & Kernel development by EAGLET (Attended), 03 days workshop on Linux application & Kernel development by EAGLET, 2013, AIT Pune
18. 03 days workshop on PHP by Technocorp (Organized), 03 days workshop on PHP by Technocorp, 2013, AIT Pune
19. 3 Days workshop on Network Simulation using NS2 (Attended), 3 Days workshop on Network Simulation using NS2, 2013, AIT Pune
20. Workshop on "Meet Windows Azure" (Attended), Workshop on "Meet Windows Azure", 2012, Microsoft at Hotel Orchid Pune
21. Workshop on "Recent Trends in Web Security" (Attended), Workshop on "Recent Trends in Web Security", 2012, MAE Alandi Pune in association with industry
22. Restructuring of TE-IT Syllabus(2008 Course (Attended), Restructuring of TE-IT Syllabus(2008 Course, 2010, PCCOE Pune
23. Implementation of Object Oriented Programming & Computer Graphics (Attended), Implementation of Object Oriented Programming & Computer Graphics, 2010, PICT Pune
24. RIA- Connect-New features of Adobe Flash CS4 (Attended), RIA- Connect-New features of Adobe Flash CS4 , 2009, AIT Pune
25. Soft Skills and Communication Lab (Attended), Soft Skills and Communication Lab, 2009, Alt Pune
26. Multimedia Systems and Applications (Attended), Multimedia Systems and Applications, 2009, SCOE Pune
27. IBM Community Edition (Attended), IBM Community Edition , 2008, MAE Alandi
28. Network & Information Security (Attended), Network & Information Security, 2007, VIIT, Pune-48

## Research Grants

Title Of Project	Funding Agency	Duration		Sanctioned Amount	Role of Investigator
MAN MACHINE INTERACTION USING FUZZY RECOGNIZER FOR APPLICATION AUTOMATION AND AUTHENTICATION WITH PERFORMANCE ANALYSIS	BCUD SP Pune University	01/07/2014	30/06/2016	75000.00	Principal Investigator

### 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	N1268329	30/06/2017	30/06/2020

### Achievements/ Contribution

Year	Details
2018	Reviewer for 2nd IEEE Global Conference on Wireless Computing and Networking (GCWCN-2018) held at SIT Lonawala

**No of PhD Students Guided** : 0      **No of PG Students Guided** : 0

**No of PhD Awarded Students** : 0