Name	MR. SANTOSH V. JADHAV M.Tech. (Electronics Engineering)
Designation	Associate Professor
Department	Information Technology
Date of Joining the Institute	01/07/1997
Education	BE (Electronics Engg.) from BAMU Aurangabad, 1993. M.Tech. (Electronics) from VNIT Nagpur, 1997.
Branch / Specialization	Electronics / Information Technology
Areas of Interest	Signals and Systems, Image Processing, Programming Disciplines, Soft Computing
Email	santosh.jadhav@famt.ac.in
Personal Homepage link	--

Academic Appointments

Name of the University / Institute/ Industry	Duration	Designation
Finolex Academy of Management and Technology, Ratnagiri	From July 1997 to June 2006	Assistant Professor
Finolex Academy of Management and Technology, Ratnagiri	From July 2006 to till date	Associate Professor
TPCT College of Engineering Osmanabad	02/1994–06/1994 and 03/1995–07/1995	Lecturer in Electronics Engineering

Total Experience – 21 Years

Awards / Honors / Prizes

- Successfully completed the NPTEL's 8 week online course- **"Programming, data structures and algorithms using Python"** conducted from **July—Sept 2017** with following credentials-

 # Examination Score- 94%   (Stood 32nd world rank)
 # Among top 1% certified candidates among total 34,705 enrolled
candidates from the world (India- 34,586, Other- 119).
 # Got "Elite + Gold" Medal in the said examination.
(Course link- http://nptel.ac.in/noc/individual_course.php?id=noc17-cs28)

- **GATE-95 Score:** 93.96 perc. in Electronics and Communication Engineering.

No. of students projects Guided

12

Seminars/Lecture/Invited Talks Conducted

1. Two day workshop on "LaTeX for report preparation, Technical writing & Presentation" on 16 & 23 Sept. 2017 at FAMT Ratnagiri.
2. One day workshop on "LaTeX: a document preparation system" on 24/03/2017 at FAMT Ratnagiri
3. "Ten Days GATE-IT Coaching by GATE qualified teachers" spread over January 2017.
4. Two Day workshop on "C++" on 06—07 August 2016.
5. One day workshop on "LaTeX, a document preparation system" on 10th October 2015.
6. One day workshop on "LaTeX, a document preparation system" on 3rd October 2015.
7. "One day workshop on robotics" on 4th October 2014 at FAMT Ratnagiri.
8. Coordinator of the "ISTE Workshop on Computer Programming" from 16—21 June 2014. Conducted by National Mission on Education through ICT (NME-ICT) through the distance education mode.
9. "Two day workshop on robotics" from 17th – 18th August 2013 at FAMT Ratnagiri.
10. "Two day workshop on robotics" from 17th – 18th August 2013 at FAMT Ratnagiri.

Papers Published

Papers Presented/Published in National / International Journals - 02

International Journals – 02

1. Vishal S. Kore, Santosh V. Jadhav, "Use of Technological Tool in Effective Teaching-Learning", International Education & Research Journal [IERJ] Nov. 2017, E-ISSN No. 2454-9916, Volume 3, Issue 11, pp. 66-68

2. Sharvari N. Tendolkar, Rupali B. Shirke, Priyanka S. Mayekar, Santosh V. Jadhav, "Automatic Question Paper Generating System for Satisfying Course Objective", *International Journal for Research in Applied Science & Engineering Technology (IJRASET) October 2017*, ISSN: 2321-9653; Volume 5 Issue X, pp. 954-958

Papers Presented/Published in National/ International Conferences - 08

International Conferences – 04

1. Praveena P.Bhitale, Shilpa S. Chavan, Sanjyoti S. Devrukhakar, Santosh V. Jadhav, "Real Time Collision Prediction with Raspberry Pi for Blind Person using Image Processing", *2nd International conference on Science, Technology & Management (ICSTM-2017) at The Institution of Electronics and Telecommunication Engineers, Osmania University Campus, Hyderabad, India on 15th October 2017*, ISBN: 978-81-934288-7-0, pp. 353-357

2. Nitesh Kale, Rakesh Rewale, Jay Palkar, Ajinkya Bavdhankar, Santosh Jadhav , "Mango plant leaf disease detection using Image Processing" *International Conference On Emanations in Modern Technology and Engineering (ICEMTE)-2017*, 4th – 5th March 2017 at Shree L R Tiwari College of Engineering (SLRTCOE), Mira Road, Mumbai, pp. CMPN- 71—72, ISBN No. 978-93-5258-745-2

3. Santosh Jadhav, Gaurav Boob, Nitesh Maundekar, Nitin Jadon and Vikram M Gadre, "A novel Filtered Multitone Modulation System based on Turbo Equalization for Binary and Quadrature PSK," published in the *Tenth International Symposium on Wireless Personal Multimedia Communications, Jaipur, India(WPMC '07)*, pp.62 – 67, December 3–6, 2007, EDAS Paper ID 1569060357.

4. Satyam Srivastav, Santosh Jadhav, Chirag Jain and Vikram M Gadre, "Turbo Equaliza-tion for FMT System," XXVIIIth General Assembly of International Union of Radio Science (URSI), New Delhi, India, October 23–29 2005.

National Conferences – 02

1. Saurabh S Chawande, Yaseen Nadaf, Sarvesh Chavan and Santosh V Jadhav, "Automated crossword generator: an active learning tool", 2nd National Conference on recent Advances in Science and Technology-2016 (RAST 2K16) in Feb. 2016 at Finolex Academy of Management and Technology (FAMT) Ratnagiri, pp. 285-287, ISBN No. 978-93-83046-31-7

2. Santosh Jadhav, Chirag Jain, Nitin Jadon, Gaurav Boob and Vikram M Gadre, "Turbo Equalization for Binary and Higher Order PSK," *National Conference on Broadband Communication Systems, VIIT Pune*, pp.3-7, September 1–3, 2006., ISBN 0-07-062091-1.

No. of Softwares published = 01

1) The software named "Game of Othello" developed in C++ was published in *CHIP CD* of July 2000.

Number of Workshops, Seminars, STTPs, FDPs Attended – 13

1. NPTEL's 8 week online certification course-"Programming, data structures and algorithms using python" conducted from July—Sept 2017.

2. Participated in an FDP on "Self-Dependence and Advantages of Technology & Digital Marketing" by Lemures Technologies and IEEE Delhi on 23 September 2016.
3. "Four Week AICTE approved FDP by IIT Bombay on - Use of ICT in Education for Online and Blended Learning" spread over the duration from 02 May to 5th August 2016.
4. One week workshop on "Funding Schemes Available for Research Proposal" during 13 Feb.—23 April 2016
5. DTE & NASSCOM's workshop on "Foundation Skill in IT" during 02—07 May 2016.
6. "Higher Education Forum 6th Annual Convention" at KJSIMSR Mumbai for 1 day from 14/03/2015 to 14/03/2015
7. "ISTE coordinators' workshop on Computer Programming in IITB" for 6 days from 21/04/2014 to 26/04/2014
8. STTP on "Comprehensive Training Programme on ARISTO ROBOT" by MTAB Chennai for 3 days from 04/02/2014 to 06/02/2014
9. "Akash For Education Workshop" by IIT Bombay for 2 days from 10/11/2012 to 11/11/2012
10. "Sequential to Parallel: The Paradigm Shift" a Workshop by I2IT Pune for 1 day from 29/03/2010 to 29/03/2010
11. "STTP on Applications on DSP" at IIT Chennai for 11 days from 11/12/2001 to 21/12/2001
12. "Orientation on Computer Programming" at S. P. College Mumbai for 1 day from 10/11/2001 to 10/11/2001
13. "Introduction to GNU/LINUX (workshop)" at VJTI, Matunga, Mumbai for 1 day from 21/10/2001 to 21/10/2001

Professional Membership

1. Indian Society of Technical Education (I.S.T.E)

Administrative Duties

1. Worked as HOD(InfoTech Department) at FAMT Ratnagiri from 2001 to 2017 (17 years).
2. Currently working as Criterion-IV Head of NAAC committee at FAMT Ratnagiri.
3. Worked as an Admin Panel Controller for Web Hosting and Domain Name of our college web-site from 2001 to 2015 (15 years).
4. Worked as Examination In-charge from 2011 to 2014 (03 years). During that period, I developed Excel Scripting based software to manage University Examination Results.
5. Worked as a Sr. Supervisor, Mumbai University examinations held in Summer-2016 and Summer 2009 at FAMT, Ratnagiri.
6. Worked as a Chief Conductor, Mumbai University examinations held in Winter-2000 and Summer-2002 at FAMT, Ratnagiri.

Subjects Taught

1) Computer Programming-I (FE-old)
2) Computer Programming-II (FE-Old)
3) Electrical Networks (SE Etrx- Old)
4) Television Technology (TE Etrx-Old)
5) Signals and Systems (TE Etrx-Old)
6) Continuous-Time Signals and Systems (TE Etrx-Old)

7) Discrete-Time Signals and Systems (TE Etrx-Old)
8) Object Oriented Programming Methodology (SE IT- CBGS Rev)
9) Soft Computing (BE IT- CBGS Rev)
10) Structured Programming Approach (FE- CBGS Rev)
11) Image Processing (BE IT0 CBGS Rev)
12) Python Programming Laboratory (SE IT- CBGS Rev)