

Faculty Profile

Name Mr. Satish Sudhakar Narkhede
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Educational Qualifications

Degree	University/Institution	Year of Passing
Ph.D.	SPPU	2016
ME (Elex Engg)	SPPU	2000
BE (Ind. Elex. Engg)	SSGMCE, Shegaon	1988

Professional Experience

Sr. No.	Designation & Institute	Duration
1	Lecturer	01/07/1994 to 31/07/2000
2	Assistant Professor	01/08/2000 to 30/06/2011
3	Associate Professor	01/07/2011 to 31/08/2024
	Re-Employment as Asso. Prof	04/09/2024 till date

Research Publications

Sr. No.	Title	Publication/Conference
1	Arundhati S. Dhampalwar, Mr. S. S. Narkhede, "A System on a chip FIR Filter using Partial Reconfiguration Platform"	NCNTE-2010, at Fr. C. Rodrigues Institute of Technology, Thane, 20-21 Jan 2010.
2	Yogita Azar, S.S Narkhede "System on chip FIR filter using partial Reconfiguration platform" Feb 2010, Father C Rodrigues Institute of Technology washi	National conference on nascent technology, 2010
3	Yogita Azar, S.S Narkhede, "Partial reconfiguration of FPGA at run time"	National conference on pervasive computing 2010

4	Yogita Azar, S.S Narkhede, "Dynamic partial reconfiguration of FPGA, used in matrix multi for area and time efficiency,	National conference on pervasive computing 2010
5	Arundhati S. Dhampalwar, Mr. S. S. Narkhede," A SOC for Matrix Inversion Using Dynamic Partial Reconfiguration of FPGA"	NCPC-2010, at Sinhgad College of Engineering, Vadgaon Pune ,9-10 APR 2010
6	Anumeha Zanjali and S.S Narkhede, "Design and Frabrication of Fractal Shaped Microstrip Band Pass Filter (Synthetic Aperture Radar Application)"	National Conference on Sensor Networks and Embedded Systems (NCSNES-2011), Abasaheb Garware College, Pune
7	Anumeha Zanjali and S.S Narkhede, "Design and Fabrication of Fractal Shaped Microstrip Band Pass Filter (Synthetic Aperture Radar Application)"	ePGCON-April 2011, MIT Pune.
8	Arundhati S. Dhampalwar, Mr. S. S. Narkhede, "A reconfigurable digital filter based on partial reconfiguration of FPGA,"	iCost 2011 International Conference On Sunrise Technologies at SSVPS B. S. Deore College of Engineering Post Vidyanagri, Dhule, Maharashtra, 13-15 Jan 2011.
9	Arundhati S. Dhampalwar, Mr. S. S. Narkhede, "A Reconfigurable FIR Filter Design Using DPR Of FPGA,"	ICSSA-2011 at G. H. Patel College of Engineering & Technology, Vallabh Vidhyanagar., Anand, Gujarat pp.118, 24-25 Jan,2011.
10	Rohit Bodhe, Satish Narkhede, Shirish Joshi, "Design of Simulink Model for OFDM and Comparison of FFT-OFDM AND DWT-OFDM".	International Journal of Engineering Science and Technology (IJEST), ISSN: 0975-5462, Vol. 4 No.5, Pages-1914-1924, 05 May 2012
11	Rohit Bodhe, Shirish Joshi, Satish Narkhede, "Performance Comparison of FFT and DWT based OFDM and Selection of Mother Wavelet for OFDM"	International Journal of Computer Science and Information Technologies (IJCSIT), ISSN: 0975-9646, Vol. 3 No.3, Pages-3993-3997, 2012

12	G. V. Chaudhari, S. S. Narkhede, "Desing of DGS microstrip antenna with Array structure ground plane"	ePGCON2012, Pune.
13	Samruddha Thakur, S. S. Narkhede, Tapas Bhuiya, "Microstrip patch antenna array for Rainfall RADAR" ,2013	Fourth International Conference on Computing, Communications and Networking Technologies (ICCCNT), Publisher-IEEE
14	Satish Narkhede, Gajanan Kharate, Bharat Chaudhari, "Design and Implementation of an Efficient Instruction Set for Ternary Processor"	International Journal of Computer Applications, Volume-83, issue-16, Publisher-Foundation of Computer Science16 December 2013
15	Arundhati S. Dhampalwar, Mr. S. S. Narkhede, "A reconfigurable digital filter based on partial reconfiguration of FPGA,"	iCost 2011 International Conference On Sunrise Technologies at SSVPS B. S. Deore College of Engineering Post Vidyanagri, Dhule, Maharashtra, 13-15 Jan 2011.
16	A. P. Dhande, Satish S. Narkhede, Shridhar S. Dudam, "VLSI Implementation of ternary gates using Tanner tool" ,2014	2nd International Conference on Devices, Circuits and Systems (ICDCS), Publisher-IEEE, pp1-5, 6-8 March 2014,
17	Sutaria Jimmy, Satish Narkhede, "Design of ternary D latch using carbon nano tube field effect transistors" ,2015	2nd International Conference on Electronics and Communication Systems (ICECS), Publisher-IEEE, pp151-154, 26-27 February 2015
18	Perni Venu Gopal, Satish Narkhede, G Sasikala, "Implementation of ternary logic gates using FGMOS" ,2015	international conference on smart technologies and management for computing, communication, controls, energy and materials (ICSTM), Publisher-IEEE, pp. 275-279, 6-8 May 2015
19	SS Narkhede, BS Chaudhari, GK Kharate, "A Novel MIFGMOS Transistor based Approach for the Realization of ternary gates"	ICTACT Journal on Microelectronics, Volume-1, issue-2, Publisher-Foundation of Computer Science

20	Siddharth H Pethe, Satish Narkhede, "Design of Ternary D Flip-Flop Using Neuron MOSFET"	IOSR Journal of VLSI and Signal Processing (IOSR-JVSP) Volume, Volume-5, issue-2, Publisher- Foundation of Computer Science
21	Makani Nailesh, Satish Narkhede, "Design of ternary FinFET SRAM Cell"	Published in 2016 Symposium on colossal Data Analysis and Networking (CDAN), Publisher-IEEE, pp1-5, 18-19 March 2016
22	Kushawaha Jyoti, Satish Narkhede, "A approach to ternary logic gates using FinFET"	AICTC '16: Proceedings of the International Conference on Advances in Information Communication Technology & Computing, Article No-59 , pp1-6, December 2016
23	Makani Nailesh Kishor, Satish S Narkhede, "A Novel Finfet Based Approach For The Realization Of Ternary Gates"	ICTACT Journal on Microelectronics, Volume-2, issue-2, Publisher- Foundation of Computer Science, pp 254-260, ISSN 23951672
24	Aonkar B Takalikar, S S Narkhede, "Design and Simulation of a 10 GSPS Low Power Sample and Hold Less Analog to Digital Converter Using Carbon Nanotube Field Effect Transistors".	ICTACT Journal on Microelectronics, Volume-3, issue-2, Publisher- ICTACT, pp 404-410, ISSN: 23951672, Year-2017
25	S. S. Narkhede, Nikita Nikam, "Design and Analysis of leaky wave antenna to generate the Bessel Beam".	ICTACT Journal on Microelectronics, Volume-5, issue-2, Publisher- ICTACT, pp 793-799, ISSN: 2395-1680 (online), July 2019

Books Published

Sr. No.	Title	Publisher & Year
	NIL	

Conferences / Seminars Attended

Sr. No.	Conference/Seminar	Year
	NIL	

Awards & Recognitions

Sr. No.	Award/Recognition	Year
1	Torchbearer of Education Award 2020 for leading the students towards light in tough times by Coding Ninjas.	2020
2	Golden Aim Award for Excellence & Leadership in Education - most innovative TPO.	2022
3	Certificate of appreciation for colossal contribution towards improving the employability ecosystem & guiding students towards a brighter future by SHL.	2022
4	Certificate of appreciation by ZS Associate for ongoing support and contribution in organizing placement initiatives for ZS at your campus to sustain this relationship with the institute.	2022
5	Certificate of appreciation by Atos for hosting on the campus for the Campus Placement Program for 2022 batch to recognize your distinguished contribution in organizing the placement activities and continued cooperation between Pune Institute of Computer Technology and Atos, creating bright career opportunities for your students and alumni.	2022

Areas of Interest

Sr. No.	Area
1	Analog Circuits
2	Integrated design
3	Multivalued logic