

FACULTY PROFILE



1.	Name of the Faculty	Mrs. Sunita Sachin Dhotre		
2.	Designation	Associate Professor		
3.	Department	Computer Engineering		
4.	Date of Birth	01/08/1980		
5.	Date of joining the Institution	11/11/2003		
6.	Educational Qualification	Ph.D		
7.	Contact Details	020-24107390 Ext.-		
8.	Total Experience in Years	Teaching	Industry	Research
		17 Years	-	-
9.	Area of Specialization	Operating Systems		
10.	Courses Taught	Compiler Construction, Distributed Systems, Theory of Computation, Big Data Analytics, Data Structures		
11.	Papers Published in Journals	National	International	
		NIL	15	
12.	Papers Presented in Conferences	National	International	
		7	4	
13.	Research Profile	No. of Citations	h-index	i10-index
		120	3	1
14.	Research Guidance	UG	PG	Ph.D.
		20	6	NIL
15.	Research Identity	Orcid Id		0000-0001-8705-0956
		Research Id		K-5676-2017
		Scopus Id		57201946685
		Google Scholar Id		N8d6Dz8AAAAJ
		Microsoft Academic Id		1996724275
16.	Research Grants Received	NIL		
17.	IPRs/Patents/ Copyright			
18.	Publication Details: -			

- S.S. Bawaskar, Dr. M.M. Puri, S.H. Patil, "Secure Information Transfer using Steganography", at International Conference on Information & Communication Technology (IICT- 07), 218-220, Dehradun.
- S.S. Bawaskar, Dr. M.M. Puri, "Steganography using LSB Insertion" at National Conference on Emerging Trends in Electronics and Telecommunication (NCET-2007), 288-290, Pune.
- A.D. Gujar, S.S. Bawaskar, "Information Security using Encrypted Steganography" at National conference on Advanced Computing and Computer Networks. (NCACCN – 2007), 324-326, Aurangabad.
- S.S. Bawaskar, Dr. M.M. Puri, "Protecting E-mail Privacy using Encrypted Steganography", at National Conference on Recent Advancements in Information Technology, (NCRAIT-2007), 286-288, Coimbatore, Tamil Nadu.
- S.S. Dhotre, "Enforcing Security Policies in Cloud Computing", at National Conference on Science and Technology, SCITECH-2012, 6th -7th January 2012.
- S.S. Dhotre, S. Jha, R. Jain "Cloud Computing for Higher Education: A new Dawn", 3rd National Conference on Issues and Trends in Advanced Computing, 17th -18th March 2012, pp. 34-37.
- S.S. Dhotre, Poonam Karande, "Global & Partition Scheduling for Heterogeneous Multicore System", at National Conference on Recent Advances in Computer Engineering (RACE-2014), Pune, page no., 20-21st March 2014.
- Hrushikesh Joshi, Suhas Patil, S.S. Dhotre, "Data Security and Accountability in Cloud Environment", 1st International Conference on Electronics & Telecommunication, Electrical and Computer Engineering, Technovision 2014, Pune, Page No., 5-6 April 2014.
- Prajкта Pawar, Sunita Dhotre, Suhas Patil, "Illustration of Completely Fair Scheduler for Task Scheduling using AA Tree", International Journal of Scientific Engineering and Technology Research, Vol.03, Issue 44. ISSN 2319-8885, pp. 8911-8914.
- Poonam Karande, Sunita Dhotre, Suhas Patil, "Task Management for Heterogeneous Multi-core Scheduling", International Journal of Scientific Engineering and Technology Research, Vol. 05, Issue 01, ISSN 0975-9646, pp. 636-639.
- Prajкта Pawar, Sunita Dhotre, Suhas Patil, CFS for Addressing CPU Resources in Multi-core Processors with AA Tree, Vol. 05, International Journal of Computer Science & Information Technologies, Issue 01, ISSN 0975-9646, 913-917.
- Shubhada P. Mone, Sunita S. Dhotre, Enforcing Multi-user Security Policies in Cloud Computing, International Journal of Electrical and Computer Engineering (IJECE), ISSN: 2088-8708, Vol. 3, No. 4, August 2013, pp. 504~508
- Mrs. Shubhada P. Mone, Mrs. Sunita S. Dhotre, Enforcing Multi-User Access Policies in Cloud Computing, International Journal Of Computer Engineering & Technology

(IJCET), ISSN 0976 – 6375(Online), Volume 4, Issue 1, January- February (2013), pp. 398-403

- Sheetal S.Patil, Prof. S.D.Joshi, S.S.Dhotre, “Prediction of Performance for Web Application by Performance Modeling with JMeter”, International Journal of Scientific & Engineering Research, December-2012 ISSN 2229-5518, Volume 3, Issue 12 pp.: 1-5
- S.S.Dhotre, Dr. S.H. Patil, R. Maheshwari, “Investigation of IT Auditing and Checklist Generation Approach to Assure a Secure Cloud Computing Framework”, Int. J. Computer Technology and Applications, Vol3(3), 909-915. ISSN: 2229-6093
- Vora Shivani, S.S. Dhotre, “Runtime CPU Scheduler Customization Framework for Real Time Operating System”, International Journal Computer Technology & Applications, Vol3(2), 770-778, ISSN:2229-6093
- Vora Shivani,S.S. Dhotre, “Improvements to the Runtime CPU Scheduler Customization Framework of REOS”, International Journal of Recent Trends in Engineering and Sciences, ISSN 2277-3285, Vol2, Issue 2, (60-69).
- S.S. Dhotre, S.S. Patil, “Intelligent E-Learning Systems using Web 3.0”, JERS/Vol.I/ Issue II/Oct.-Dec., 2010/ E-ISSN 0976-7916, pp. 218-220.
- S.S. Patil, S.S. Dhotre, U. C. Patkar, “Smart Utility for MSAS-2005”, JERS/Vol.I/ Issue II/Oct.-Dec., 2010/ E-ISSN 0976-7916, pp. 79-81.
- Suhas Patil, Pooja Patil, A Survey on Fairness and Performance Analysis of Completely Fair Scheduler in Linux Kernel,International Journal of Control Theory and Applications,2016, Vol 9 Issue 44, 495-501
- Sunita Dhotre, Rucha Jamale, Suhas Patil Response Time Analysis using Linux Kernel CFS for Data Intensive Task,International Journal of Engineering Trends and Technology (IJETT), ISSN:2231-5381July 2017, Volume-49 Number-5, 279-286
- Suhas Patil, Rucha Jamale, International Journal of Control Theory and Applications,A Survey on Response Time Analysis using Linux Kernel Completely Fair Scheduler for Data Intensive Tasks,2016, Vol 9 Issue 44, 495-501
- Miss. Rucha Shankar Jamale, Mrs. Sunita Dhotre, Dr. Suhas .H Patil;Data Intensive Task Analysis using Dynamic Voltage and Frequency Scaling Governors,International Journal of Computer Science Trends and Technology (IJCST), 2017, Volume 5,2 457-461
- Sunita Dhotre, Suhas Patil Causes of Process Starvation for Linux Completely Fair Scheduler for Apache Server, IEEE International Conference on Computing Methodologies and Communication Erode, India, 18-19 July 2017
- Sunita Dhotre, Suhas Patil, Analysis of Scheduler Settings on the Performance of Multi-core Processors, IEEE International Conference on Trends in Electronics and Informatics(ICEI 2017) Tirunelveli, Tamilnadu, India, 11-12 May 2017

- Karande, Poonam; Patil, Suhas Task management for heterogeneous multi-core scheduling, International Journal Computer Science and Information Technology, ISSN:0975-9646,2014, Vol 5 issue 1, 636-639
- Pawar, Prajakta; Patil, Suhas, CFS for addressing cpu resources in multi-core processors with aa tree, International Journal of Computer Science and Information Technologies, ISSN:0975-9646,2014 Vol 5 Issue 1, 913-917
- Pawar, Prajakta; Patil, SH, Illustration of Completely Fair Scheduler for Task scheduling using AA Tree, International Journal of Scientific Engineering and Technology Research, 2014, Volume 3, 8911-8914
- Pooja Patil, Response Time Analysis Using Linux Completely Fair Scheduler for Compute-Intensive Tasks, International Journal of Computer Science Trends and Technology (IJCST), 2014, Volume 5 Issue 2, 377-380
- Analysis of Completely Fair Scheduler enabled Frequency Scaling, IEEE Sponsored 2nd International Conference for Convergence in Technology ,Pune7-9 April 2017.
- Dhotre S., Banubakode A. (2021) Use and Challenges of ICT for Classroom Teaching. In: Eilu E., Baguma R., Pettersson J.S., Bhutkar G.D. (eds) Digital Literacy and Socio-Cultural Acceptance of ICT in Developing Countries. Springer, Cham. https://doi.org/10.1007/978-3-030-61089-0_18
- Devendra D. Borse , Prof. Dr. Suhas. H. Patil , Dr. Sunita Dhotre, Credit Card Fraud Detection Using Naive Bayes and Robust Scaling Techniques, International Journal of Advanced Trends in Computer Science and Engineering Available Online at Volume 10, No.1, January - February 2021, 423-429. <https://doi.org/10.30534/ijatcse/2021/631012021>
- Priyanka K. Suryawanshi, Prof. Dr. Amol K. Kadam, Prof. Dr. S. S. Dhotre, Prof. Dr. Pramod. A. Jadhav Novel Approach for Women Security with Information Fusion for Multi-Sensory Data, INTERNATIONAL JOURNAL OF RESEARCH IN ELECTRONICS AND COMPUTER ENGINEERING, IJRECE VOL. 8 ISSUE 1 JAN.-MAR 2020, 195-202.
- Sunita Dhotre, A Survey of Blockchain Applications beyond Cryptocurrency, International Journal for Research in Applied Science and Engineering Technology, IJRASET, UGC Indexed, 2019.
- Prof. Dr.Mrs. Sunita Dhotre Shruti Rajendra Kudagi, Prof. Dr. S. H.Patil, "Survey on prediction of crop yield by using different techniques", Journal of Emerging Technologies and Innovative Research (JETIR) Vol. 6, pp. 457-460, 2019

19. Details of Workshops/FDPs/Seminars Attended: -

- “Formulation of Research & Development Initiatives by Women Scientist and Technologist”, Engineering Staff College of India, Hyderabad, Sponsored by TEQIP-II 29th May 2014 - 1st June 2014
- TEQIP-II Sponsored Workshop on Linux, 21st -25th January 2015.
- TEQIP-II Sponsored Workshop on Advance Cloud Computing”, 2nd -4th January 2014.
- Faculty Development Programme on Quality Improvement Schemes of Various Funding Agencies, 19th October 2013 organized by IMED, Pune.
- TEQIP-II Sponsored Workshop on Social Media Marketing for Education-University, 12th October 2013.
- TEQIP-II Sponsored Workshop on Preparing for NBA Accreditation, 23rd -25th September 2013.
- TEQIP-II Sponsored Workshop on Leadership Development, 22nd August 2013 at BVDUCOE, Pune.
- TEQIP- II Sponsored Train the Trainer Workshop on Fundamentals of Cloud Computing, 1st, 2nd August 2013 at BVUCOE Pune.
- ISTE Approved State Level Faculty Development Program on “Mobile Application Development using Android OS” 6th -8th April, 2012 at RSCOE, Tathawade, Pune.
- Faculty Development Workshop on Behavioural Skills (Myers-Briggs Type Indicator), 31st March 2012 at BVDUCOE, Pune.
- Reviewers workshop, 16th Jan 10, by Wipro Mission10x Pune.
- CICTT Workshop, 3rd Aug-4th Aug 09, by Wipro & BVUCOE, Pune.
- Mission 10x Post Workshop International Certification Program, 23rd -24th June 09, Mission10x & BVUCOE, Pune.
- High Impact Teaching Skills Assisted by Dale Carnegie & Associates, Inc Trainer and Wipro, 12th -13th Jan 2009, Mission10x, VIT, Pune.
- Senior Supervisor for University Examinations April/May 2010, at BVU Amplify Mindware School of I.T.
- External Examiner for Paper Setting at BVDU, Institute of Management & Entrepreneurship Development (IMED), Pune-38.
- Faculty Training Program on Microsoft.NET Technologies, 7th to 8th Sept. 2007, by ACES-2007.

		<ul style="list-style-type: none"> ● Faculty Training Program on “Self – Assessment for Improving Quality of Learning for Engineering Staff”, 6th - 10th August-08.
20.	Membership of Professional Bodies	ISTE LM 49172, EURASIP 8455, IAENG 171954
21.	Books Published	NIL
22.	Awards	
23.	Additional Activities/ Responsibilities	<ul style="list-style-type: none"> ● Post Graduate Co-coordinator since A.Y. Term I 2013-14, 2014-15, 2015-16 ● Member, Faculty of Engineering, Bharati Vidyapeeth University, Pune. ● Member, Board of Studies, Bharati Vidyapeeth Deemed University, College of Engineering, Pune ● Role as Guardian Faculty Member (Class Management and Motivation from 2003 to 2009) ● Unit Test-Co-coordinator, Department of Computer Engineering, Pune. ● Core Team Member, International Conference on Nanotechnology (NANOCON010, NANOCON012, NANOCON014) ● Academic Committee Member
24.	Achievements	<ul style="list-style-type: none"> ● Secured Distinction in “Cambridge International Certificate for Teachers and Trainers (CICTT)”, by Cambridge University

		<p>in collaboration with Wipro, India, August 2009.</p> <ul style="list-style-type: none"> • Women Scientist C Fellow, Department of Science and Technology (DST), Government of India, 2018-19. • Innovation Ambassador, IIC 3.0, 2021 conducted by MoE's Innovation Cell & AICTE, New Delhi.
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