

BIO-DATA



1.	Name	Lakshmi M. Gadhikar		
2.	Designation	Associate Professor		
3.	Residential Address	402, Blue Kites, Plot No. 5 , Sector 2A, Koparkhairane , Navi Mumbai. 400709.		
4.	Date of birth	30/12/1975		
5.	Total Experience	20 Years		
	i. Teaching	20 Years		
	ii. Industrial	NIL		
6.	Qualifications			
	Exam Passed	Year	Institution/ University	Branch/Specialization
	M.E.	2005	PCCE / Goa University	Information Technology
	B.E.	1997	Government College Of Engineering, Sant Gadge Baba Amravati University , Amravati .	Computer Science and Engineering
	Additional Qualification:			
7.	Employment Record			
	Institution	Year (From To)	Designation	
	Fr. C.R.I.T. Vashi , Navi Mumbai	September 2010 till date	Associate Professor	
	Fr. C.R.I.T. Vashi , Navi Mumbai	January 2006 to August 2010	Assistant Professor	
	Fr. C.R.I.T. Vashi , Navi Mumbai	19/07/1999 to December 2005	Lecturer	
	Datta Meghe College of Engineering, Airoli, Navi Mumbai.	1.5 Months	Lecturer	
	Govrnmnt College of Engineering ,Amravati.	1 Year	Visiting Lecturer	
	Govrnmnt Polytechnic , Amravati.	4 Months	Visiting Lecturer	
8.	Undergraduate / Postgraduate Teaching Experience and Subjects Taught			
	Subjects Taught at UG level			
	Sr.No.	Name of Subject	Semester	
	1.	Advanced Data Structures and AOA	V	
	2.	Computer Organization and Architecture	IV	
	3.	Operating Systems	V	
	4.	Middleware and Enterprise Integration Technologies	VI	
	5.	Theoretical Computer Science	V	
	6.	Object oriented Programming Methodology	V	

	7.	Database management Systems				IV
	8.	Computer Networks				VIII
	9.	Computer Programming I				I
	10.	Computer Programming II				II
	11.	Microprocessor Programming Lab				IV
Subjects Taught at PG level						
	Sr.No.	Name of Subject			Semester	
9.	Research Experience					
10.	Research Funding / Consultancy Services:					
	Sr.No.	Name of the Company	Address	Product	Consulting Service	Consulting Fees
Research Grants:						
	Sr.No.	Name of Funding Organization	Type of Grant	Amount (Rs.)	Year	Name of Research Project
	1.	NVIDIA Pvt. Ltd.	Hardware Grant	24,696.00	2014	Analysis of CUDA C Programs
	2.	University of Mumbai	Minor Research Grant	35000	2017	Integrated system for analysis and monitoring of air quality in the laboratories.
Technical Collaboration / Lab Funding with Industries						
	Sr.No.	Name of the Funding Organization	Type of Support	Amount (Rs.)	Year	
11.	Professional Societies Fellowship / Membership : 1. CSI (Life Member) 2. ISTE (Life Member)					
Achievements / Awards / Position :						
	1.	Judge for IETE - National Level Technical Paper Presentation Competition TECHXTER 6.0 on “ Digital India – A Road Map to India’s Future”, at SIES Graduate School of Technology, Nerul on 27 th Feb 2017.				
	2.	Reviewer in ICNTE - International conference on Nascent Technologies in Engineering held at Fr. CRIT, Vashi, 27-28 Jan 2017.				
	3.	Reviewer in ICNTE - International conference on Nascent Technologies in Engineering held at Fr. CRIT, Vashi, 9-10 Jan 2015.				
	4.	Actively contributed in setting the Syllabus of some of the core subjects of Computer Engg. and Information Technology at Mumbai University (Syllabus Rev. 2012-13).				
	5.	Started department magazine in year 2011.				
	6.	Served as co-ordinator of IT department from 2010 to 2013.				
13.	Projects guided in UG/PG level : Above 15 (UG)					
14.	Short Term Training Programmes attended :					
	1.	FDP on Agile Project Management at Fr. CRIT, Vashi in 2017				
	2.	FDP on Microsoft Outlook at Fr. CRIT, Vashi in 2017				
	3.	FDP on Big Data Analytics at Fr. CRIT. 15-16 April 2015				
	4.	GPA – 2014 – A workshop on GPU Programming and its applications , conducted jointly by NVIDIA and IIT Bombay at IIT Bombay on 24th to 26th February 2014.				
	5.	FDP on Basic and Advanced Java at Fr. CRIT. SH 2013				
	6.	FDP on “Research problems in Computer Science & Information Technology”, at Fr.CRCE, Bandra, 31 st Aug. 2013				
	7.	Workshop on cloud computing on 20/7/2012 at SIES college of engineering, Nerul , Navi Mumbai.				

	<p>8. Workshop on content management system using “Joomla” on June 15-16, 2012 at SPCE Andheri</p> <p>9. Seminar on “ Research Avenues and Challenges in Higher Education” by University of Mumbai at Kalina Campus on 18th Nov 2011</p> <p>10. Workshop on New Paradigms in Accreditation System” at Pune on 5th Nov 2011.</p> <p>11. “Advances in Internet Technology” at Fr.CRCE , Bandra from 18th July 2011 to 22nd July 2011.</p> <p>12. “Advances in Mobile Systems” at Fr .C.R.I.T from 18th to 22nd Jan’2010.</p>
15.	<p>List of Journal Papers Published (list in IEEE format) :</p> <p>International Journals :</p> <ol style="list-style-type: none"> 1. Prachi Karwa, Sudeshna M, Varsha Kale, Kanwaljeet S, Lakshmi Gadhikar , “Parallelizing Algorithms for Performance Improvement” International Journal of Global Technology Initiatives, IJGTI, Volume 5, Issue 1, ISSN (print) : 2277-6591, ISSN (print) :2320-1207, March 2016. 2. Lakshmi M.Gadhikar, Ajinkya Shukla, Rohan Wani, Sonal Mumbaikar, Monica Ahuja , “Implementation of Automatic Font generation” ,International Journal of Engineering Research & Technology – IJERT ISSN : 2278 - 0181 Volume-2 Issue 10, Oct. 2013. 3. Lakshmi M.Gadhikar, Ajinkya Shukla, Rohan Wani, Sonal Mumbaikar, Monica Ahuja, “Automatic Font Generation” , IJMR - International Journal of Multidisciplinary Research , Volume 1, issue 12 (VI) , ISSN : 2277-9302, March 2013. 4. Lakshmi M.Gadhikar , Anish Pai , Madhura Puri, Gauri Shukla, , Sagar Sandbhor “Augmented Trial” , IJMR - International Journal of Multidisciplinary Research , Volume 1 , issue 12 (VI) , ISSN: 2277-9302, March 2013. 5. Lakshmi M.Gadhikar, Deepa Vincent, Lavanya Mohan, Megha Choudhari “Implementation of Browser Based IDE to Code in The Cloud” , IJAET - International Journal of Advances in Engineering & Technology, Volume 5 Issue 1 , November 2012 ISSN : 2231-1963, Nov 2012. 6. Lakshmi M. Gadhikar, Lavanya Mohan, Megha Choudhari, Pratik Sawant, Yogesh Bhusara “Browser Based IDE to Code in The Cloud” , IJIC - International Journal of Internet Computing, Volume 1 Issue 4, 2012 ISSN : 2231 – 6965, April 2012.
16.	<p>List of Papers Published in National and International Conferences (list in IEEE format)</p> <p>International Conferences :</p> <ol style="list-style-type: none"> 1. Lakshmi M.Gadhikar , Dr. Y.S. Rao, “Analysis of Programs for GPGPU Architectures” , IEEE International Conference on Trends in Electronics and Informatics , ICOEI 2018, at SCAD College of Engg. And Technology, Tirunelveli, Tamilnadu, 11th -12th May 2018. 2. Lakshmi M.Gadhikar , Renu Kadolkar, Ria Chandran, Dannel Bothello, Riya Ranganath "Parallelization of Steady Air-Flow over Cars with Neural Network", IEEE International Conference on Convergence in Technology, I2CT, Pune, 7th-8th April 2018. 3. Ananya Satoskar, Vishnu Nambiar, Aishwarya Mohan, Christina Rainy, Lakshmi M.Gadhikar , “Parallelization of Algorithms for Image Stitching Using Distributed Memory Architecture”, International Conference of Nascent

	<p>Technologies in Engineering ICNTE - 2017 at Fr.CRIT, Vashi, Navi Mumbai, 27th-28th Jan 2017.</p> <ol style="list-style-type: none"> 4. Sidvita Hegde, Tejaswini Kachare, Chinmay Musale, Rutuja Jogdand, Lakshmi Gadhikar, “Air Caliber Monitoring system for Laboratories”, International Conference on Emerging Trends of Technology organized at Dilkap Research Institute of Engineering and Management Studies, Neral, 17th & 18th March 2016. 5. Prachi Karwa, Sudeshna M, Varsha Kale, Kanwaljeet S, Lakshmi Gadhikar , “Parallelizing Algorithms for Performance Improvement”, 5th International conference on Global Technology Initiatives , organized by Rizvi college of engineering, Bandra (W), 29th & 30th March 2016. 6. Vijaya K. Iyer , Sanika Naik, Raju Enjapuri , Shekhar Sapkale, Lakshmi Gadhikar , “Speed Monitoring System For Vehicles ”, International research conference on recent advances in engineering and technology(IRCRAET) held at Pune ,ISBNNO: 978-3-642-24819-4, 23rd March 2014. 7. Kajal Gupta, Khushbu Gupta, Shatrughan Gupta, Lakshmi Gadhikar , “Mitigation of Fire Based Disaster ” International conference proceedings (ICEFT-2014) at Saboo Siddik College of Engineering, Byculla, Mumbai, 27th-28th March 2014. 8. Lakshmi M.Gadhikar, Sumesh Chhabria, Namrata Dabholkar, Mahesh Abnave,Shailesh Yedge “Web Spark- Website Builder” , International Conference, IIMT Bhubaneswar at VITS Pune, 14th April 2012. 9. Lakshmi M.Gadhikar, Nazneen Shaikh,Ankita Sharma,Priti Malkani “Semantic Based Image Retrieval for Xray Images”, International Conference, G. K. Bharad Institute of Engineering, Rajkot, 24th -25th March 2012. 10. Lakshmi M.Gadhikar ,Archana S, Deepa P, Gaurav M, Vinay R, “Mobile Ticket Master”, ICGC -2011 - International conference on Global Computing at Amrutvahini College of Engg. Sangamner, 3 - 4 March 2011. 11. Lakshmi M.Gadhikar , Mubasshir Pawle, Waseem Siddiqui, Yogesh Dudhane, “Computer Assisted Vehicle Parking System”,ICOST 2011 - International Conference On Sunrise Technologies,SSVP'sDeore College of engg. And Poly.at Dhule, on 13th -15th Jan 2011. <p>National conference :</p> <ol style="list-style-type: none"> 1. Mona Jain, Gaurav Dhakate, Mohit Ranadive, Prathamesh Tajane, Lakshmi Gadhikar, “De-Blurring Blurred Images” ,National Conference on “Tech Stream-a flow of Initiatives & Innovations” organized at Pillai HOC college of Engineering. Technology, Rasayani, Navi Mumbai, 21st & 22nd Feb 2014. 2. Lakshmi M. Gadhikar, Urvashi Pable, Rutuja Ramnath, Aparna Redekar, Rinki Teckchandani “Touchless Writer” , RACE 2013 - National Conference on Recent Advances in Computer Engineering , at MES College of Engineering, Pune on 15-16 March 2013.
17.	<p>Books/Reports/General articles etc. :</p> <ol style="list-style-type: none"> 1. A chapter on “ Browser Based IDE to Code in the Cloud “ , published in a Series “ Advances in Intelligent Systems and Computing 2013 , New Paradigms in Internet Computing , 59-69 , Springer, 2013.
	<p>Invited Lectures in FDP/ STTP :</p>

	<ol style="list-style-type: none"> 1. "Introduction to General Purpose Graphics Processing Units (GPGPUs) and CUDA ", in a STTP on "Parallel Processing and Big Data Analytics" at Sardar Patel Institute of Technology, Andheri (W), Mumbai on 29th June and 1st Jul 2016. 2. "Context Free Grammar" in a STTP on "Automata Theory & <i>Lecture Series</i> Applications" at Fr.CRIT , Vashi, on 20 Nov 2013. 3. Functioning Of Internet , Department of EXTC , Fr. CRIT , Vashi 				
19.	<p>International Conference Technical Program Committee Member / Reviewer :</p> <table border="1"> <tr> <td>1.</td> <td>Reviewer in ICNTE - International conference on Nascent Technologies in Engineering held at Fr. CRIT, Vashi, 9-10 Jan 2015.</td> </tr> <tr> <td>2.</td> <td>Reviewer in ICNTE - International conference on Nascent Technologies in Engineering held at Fr. CRIT, Vashi, 27-28 Jan 2017.</td> </tr> </table>	1.	Reviewer in ICNTE - International conference on Nascent Technologies in Engineering held at Fr. CRIT, Vashi, 9-10 Jan 2015.	2.	Reviewer in ICNTE - International conference on Nascent Technologies in Engineering held at Fr. CRIT, Vashi, 27-28 Jan 2017.
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2.	Reviewer in ICNTE - International conference on Nascent Technologies in Engineering held at Fr. CRIT, Vashi, 27-28 Jan 2017.				
20.	Patents				