

Research Interests

Big Data Analytics, Social Analytics, Text Analytics, Machine Learning, UX Design, Blockchain

Education

07/2012 - 02/2015	ME (IT)	University of Mumbai, Mumbai
10/2001 - 05/2005	B.Tech (IT)	Cochin University of Science and Technology, Kerala

Research & Development Experience

06/2007 - 06/2008	Research Assistant	Computer Science Engineering Department, Indian Institute of Technology Bombay
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Academic Positions

07/2008 - now	Assistant Professor	VES Institute of Technology, Mumbai
03/2007 - 05/2007	Lecturer	KJS Institute of Engineering and IT, Mumbai
01/2006 - 10/2006	Lecturer	KMEA Engineering College, Aluva, Kerala

Grants Received

Minor Research Grant from University of Mumbai during Academic Year **2016-17**
Minor Research Grant from University of Mumbai during Academic Year **2019-20**

Academic Projects

01/2005 - 04/2005	Download Manager Mentor : Mr. Santhosh Scaria Mrs. Sunitha C S (CDAC, Kochi)	(B.Tech Thesis)
01/2014 - 02/2015	Mining Concept-Drift in Big Data Streams Mentor : Dr. M Vijayalakshmi	(Masters Thesis)
08/2016 - 07/2017	Location based Alert System using Twitter Analytics Co-PI : Dr. M Vijayalakshmi	(Minor Research Grant Project)
09/2019 - 07/2020	Coreveillance - Let's make our Society a Safe Place to Live In	(Minor Research Grant Project)

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Memberships

Indian Science Congress	Life Membership
Indian Society for Technical Education	Life Membership

Paper Published : Total - 26 Papers (Top 10 listed below)

1. Lifna C.S., Vijayalakshmi M. (2020) **Location-Based Alert System Using Twitter Analytics**. In: Raju K., Govardhan A., Rani B., Sridevi R., Murty M. (eds) Proceedings of the Third International Conference on Computational Intelligence and Informatics. Advances in Intelligent Systems and Computing, vol 1090. Springer, Singapore. https://doi.org/10.1007/978-981-15-1480-7_28 (Joint : 50%)
2. Lifna C S, Mohan Pawar, “ **Intelligent Scholarship Disbursement Module for National Scholarship Portal (NSP)**, 2nd National Conference BVIMIT, Navi Mumbai 29th & 30th June 2017. UGC Approved Journal (Joint : 50%)
3. Sangeetha Rajesh, Lifna C.S, “**UI Interface for Language Translator Module in Swasthya Slate (m-Health Tool)**”, IEEE 4th International Conference on Advances in Computing, Communications and Informatics (ICACCI), August 2015, [10.1109/ICACCI.2015.7275798](https://doi.org/10.1109/ICACCI.2015.7275798) (Joint : 50%)
4. Lifna. C.S, Dr. Vijayalakshmi .M, “**Identifying Concept-Drift in Twitter Streams**” , Elsevier Procedia Computer Science Volume 45, 2015, Pages 86–94, [doi:10.1016/j.procs.2015.03.093](https://doi.org/10.1016/j.procs.2015.03.093), ICACTA 2015 held 26th - 27th March 2015 organized at D J Sanghvi College of Engineering, Vile Parle, Mumbai. (Joint : 50%)
5. Lifna C.S, Dr. Vijayalakshmi .M, “**Soft Grid – Big Data Analytics for Smart Grid**”, VESIT International Technological Conference – 2014 (I-TechCON 2014), January (03 - 04) 2014, IJAIEM ISSN 2319-4847. (Joint : 50%)
6. Priya R.L, Lifna C.S, Dhanamma Jagli, Anooja Joy, “**Rational Unified Treatment for Web Application Vulnerability Assessment**”, IEEE 2014 International Conference on Circuits, Systems, Communications and Information Technology Applications (CSCITA) , April 2014, DOI :[10.1109/CSCITA.2014.6839283](https://doi.org/10.1109/CSCITA.2014.6839283). (Multi : 20%)
7. Vidya Rao, Pranoti Mane, Aditya Kumar, Lifna C.S, “**Blind Aid : Travel Aid for Blind**”, IJCAx Journal October 2015, <http://airconline.com/ijcax/V2N4/2415ijcax02.pdf> (Multi : 20%)
8. Padmaja Kolle, Snehal Bhagat, Shruti Zade, Bhavik Dand, Lifna C S, “**Ontology based Domain Dictionary**” International Conference on Smart City and Emerging Technologies (ICSCET-2018) in association with IEEE Bombay Section dated. 5th Jan 2018, [10.1109/ICSCET.2018.8537346](https://doi.org/10.1109/ICSCET.2018.8537346) (Multi : 20%)
9. Tejas Mankar, Tushar Hotchandani, Manish Madhwani, Akshay Chidrawar, Lifna C.S “**Stock Market Prediction based on Social Sentiments using Machine Learning**” International Conference on Smart City and Emerging Technologies (ICSCET-2018) in association with IEEE Bombay Section dated. 5th Jan 2018, [10.1109/ICSCET.2018.8537242](https://doi.org/10.1109/ICSCET.2018.8537242) (Multi : 20%)

Graduate Level Courses Offered

Blockchain (2022)

Artificial Intelligence & Soft Computing (2019, 2020, 2021, 2022)

Open Source Tools Lab - Python & Perl (2018, 2019)

Advanced Algorithms (2018, 2019)

Analysis of Algorithms (2010, 2013, 2014, 2015)

Big Data Analytics (2015)

System Programming and Compiler Construction (2009, 2010, 2015, 2016, 2017, 2018, 2019)

Discrete Mathematics (2009, 2010, 2014, 2015, 2016, 2017, 2018)

Object Oriented Programming Methodology (2016, 2017)

Data Structures and Algorithms (2006, 2017, 2019, 2020, 2022)

Computer Programming - C, C++, Java (2009, 2010)

Administrative Activity:

1. **Innovation Ambassador** of **VESIT - IIC (Institute Innovation Cell)** formed under **MHRD** from 2019 onwards
2. Faculty Incharge of **CSI - VESIT** from 2021 onwards
3. Member of **AI Research Group established at VESIT**, in association with **LeadingIndia.ai at Bennett University**
4. **Mentored** students for **ACM ICPC 2016, 2017 & 2018**. Three groups cleared the first two rounds.
5. **Mentored** Students for **CHIA 1.0 Exhibition**
6. **Mentored** Students for **IICDC 2019**.
7. **Paper Setter** for K J Somaiya College of Engineering - Data Structures (Course)
8. **Syllabus Setter** for Mumbai University - TCS, AAOA & SPCC
9. **Scholarship-Incharge** for Computer Department from 2015 till 2021.
10. **SEL In-charge** for Computer Department from 2014 - 2020
11. **Exam In-charge** for Computer Department during the Academic Year 2013-14.