Faculty Name: Mr. Kumbhar Satish Shivaji		
Email: ssk.comp@coeptech.ac.in Contact No.: +919860574798		
Current Designation	Assistant Professor	
Qualification	M.Tech. Computer Engineering	
Professional Experience	Teaching : 17 years	
	Courses / Workshops Organized	01
	Courses Attended	26
Publications	No. of International Journals and conferences	22
	No. of National Journals and conferences	04
Research Guidance	No. of Master Students [Completed]	16
	No. of Master Students [Ongoing]	01
Awards	IBM India University Relations for involvement and mentorship - IBM India University Relations award for mentorship to the students for the project "low density virtualization for Storage Cloud" under IBM Remote Mentoring Program	01
Areas of Interest, Research, Teaching and Education	Computer Network, Virtualization, Machine Learning,	
Administrative Responsibilities	In charge – Central Computing and networking center	
Any other information	Contributed in Institute level and department level activities. • Development of IT infrastructure	
Testing/consultancy work	• Third party inspection for E-Governance project, Kolhapur Muncipal Corporation, Kolhapur • Technical Audit of Kolhapur safe city project • Review of software for Prime minister Awas Yojana, Pune Municipal Corporation, Maharashtra state, Pune • Member of PMC for setting up the recording and transmission studio, smart class room and computing facilities for Maharashtra State Faculty Development Academy (MSFDA) at MSBTE Building, Pune • Testing of desktop computers for PMC Pune	

List of Courses/Workshop/Conferences Attended:

Sr. No.	Year	Period	Nature of Courses	Organized by
1.	2006	8th to 13th May 2006 (One Week)	Network Security	IIT, Kharagpur
2.	2007	6th August 2007 to 10th August 2007 (One Week)	STTP on Linux Programming	PICT, PUNE
3.	2007	7th September 2007 to 13th September 2007 (One Week)	Compiler Construction: From Practice to Theory	College of Engineering Pune
4.	2009	6th July 2009 to 10th July 2009 (One Week)	5 days workshop on information security	College of Engineering Pune
5.	2011	20/02/2011 to 25/02/2011 (One Week)	International Clinical Engineering Workshop	College of Engineering Pune
6.	2012	21/05/12 to 01/06/12 (Two Weeks)	Web Designing Using .Net and AJAX	Nirma University, Ahmedabad
7.	2012	12th June to 16th June 2012 (One Week)	Latex for Technical Documentation	College of Engineering Pune
8.	2012	18th June to 22nd June 2012 (One Week)	Scientific Computations on General Purpose Graphical Processing	College of Engineering Pune
9.	2012	25/06/2012 to 04/07/2012 (Two Weeks)	Introduction to Research Methodologies	College of Engineering Pune
10.	2012	10/12/12 to 19/12/12 (Two Weeks)	Tool Assisted Software Analysis for Practical Applications	College of Engineering Pune
11.	2013	28/03/13 to 06/04/13 (One Week)	Machine Learning and Data Mining Approaches: A Research Perspective	College of Engineering Pune
12.	2013	20/05/13 to 31/05/13 (Two Weeks)	Embedded System Development using DSPs	College of Engineering Pune
13.	2015	15/06/15 to 26/06/15 (Two Weeks)	Embedded System design using Altium's integrated development environment and FPGA	College of Engineering Pune
14.	2016	18/01/16 to 22/01/16 (One Week)	Recent Trends in Cryptography and Network Security" (RTCNS)	College of Engineering Pune
15.	2016	23/05/16 to 03/06/16 (Two Weeks)	Special Topics in Signal Processing and Machine Intelligence	College of Engineering Pune
16.	2016	23/07/16 to 08/07/16 (Two Weeks)	Wavelet Transform & its Applications	College of Engineering Pune
17.	2017	20/11/2017 to 01/12/2017 (Two Weeks)	Embeded System Design : A Microcontroller Approach	College of Engineering Pune
18.	2017	04/12/2017 to 08/12/2017 (One Week)	CYBER FORENSICS AND INFORMATION SECURITY (CFIS-2017)	College of Engineering Pune
19.	2018	2/04/2018 (One Week)	"Multi-scale Modeling and Simulation"	College of Engineering Pune

20.	2019	11th March to 15th March 2019	Digital Forensics and Data Recovery (DFDR-2019)	College of Engineering Pune
21.	2019	27th - 31st May 2019	Parallel Computing Summer School (PCSS) 2019	College of Engineering Pune
22.	2020	January 20 - 24, 2020	SECURITY, CLOUD AND BLOCKCHAIN	College of Engineering Pune
23.	2020	14/07/2020 to 18/07/2020 (One Week)	Algorithms and Techniques for Signal Processing	College of Engineering Pune
24.	2020	November 23rd - 27th, 2020 (One Week)	Open-source Technologies in Cyberspace (OTC-2020)"	College of Engineering Pune
25.	2021	January 4th – 8th, 2021 (One Week)	"CYBER SECURITY AND BLOCKCHAIN: AWARENESS, USE CASES AND CHALLENGES (CSB-21)"	College of Engineering Pune
26.	2021	13/12/2021 to 7/12/2021	Online Elementary FDP on "Artificial Intelligence and Machine Learning for Healthcare" from 13/12/2021 to 17/12/2021 at College of Engineering Pune	College of Engineering Pune

List of Courses/Workshop/Conferences Organised:

Sr. No.	Year	Period	Nature of Courses	Organized by
1	2017	8/03/201 to 12/03/2017 (One Week)	Network System Administration and Security (NSAS)	College of Engineering Pune

Summary of Publications:

	Conference	Journal	Total
National	02	02	04
International	09	13	22
Total	11	15	26

Sr.No.	Authors	Title	Details of Journal/Conference
1.	Satish S. Kumbhar, Santosh N. Ghotkar and Ashwin K. Tumma	Appraisal and Dissemination of Open Source Operating Systems and Other Utilities	TRIM ISSN: 0973-4163 July –Dec 2011 Vol. 7 No. 2
2.	Chetan Paithane 1+, Rahul Bedarkar1 , Sushrut Shirole2 and Satish Kumbhar1	RAM-DISKIO Mode in iSCSI Target	2012 International Conference on Information and Network Technology (ICINT 2012) IPCSIT vol. 37 (2012) © (2012) IACSIT Press, Singapore
3.	SHWETA SHINDE1,	Containers: A New	Research Journal of Computer

	SHRUTI TOPLE2, SATISH KUMBHAR3	Approach for Virtualization in Cloud Computing	Systems Engineering – RJCSE Vol 03, Issue 01; January-April 2012 ISSN: 2230-8563; e-ISSN-2230-8571
4.	Shital Patil, Satish Kumbhar	Disease-Gene Association: Tools, Techniques and Trends	National Conference on Innovative Paradigms in Engineering & Technology (NCIPET-2013) Proceedings published by International Journal of Computer Applications® (IJCA)
5.	Shital Patil, Satish Kumbhar	Disorder-Gene Relationships: Data mining Techniques and Tools	International Journal of Advances in Management, Technology & Engineering Sciences VOL.II, Issue 6(VII),March 2013 ISSN 2249-7455
6.	Ashwini Mutalik Desai Pooja Muttha Priyanka Rawool Satish Kumbhar	Collaborative File Sharing using External File Manager over Object Storage National Conference on Recent Trends in Information Technology 2013 (NCRTIT'13)	National Conference on Recent Trends in Information Technology 2013 (NCRTIT'13)
7.	Shamsudduha Tabish1 and Prof. Satish Kumbhar2	Using Phylogenetic Trees for Disease Diagnosis	International Journal of Emerging Technologies in Computational and Applied Sciences,4(6), March - May 2013, pp.602-605
8.	Mr. Suresh S Kolekar, Mr. Satish S Kumbhar	Text Classification of Database of Genotypes and Phenotypes in Heart, Lung and Blood Studies	International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC) ISSN: 2321-8169 Volume: 2 Issue: 5 1078– 1080 May 2014
9.	Kolekar Suresh S 1, Kumbhar Satish S 2	Text Studies Classification of Database of Genotypes and Phenotypes using K-Nearest Neighbor Algorithm	International Journal of Science and Research (IJSR) Volume 3 Issue 6, June 2014 ISSN (Online): 2319-7064
10.	Asmita A. Yendralwar, Swapnali L.Waghmare , Rajlaxmi M. Biyani, Satish S. Kumbhar	Bayesian Approach to Prediction of Protein. Secondary Structure,	International Journal of Computer Science and Information Technologies,Vol.5(3),2014,3373-3375
11.	1 PRASHANT D. LONDHE, 2 SATISH S. KUMBHAR, 3 RAMAKANT S. SUL, 4 AMIT J. KHADSE	PROCESSING BIG DATA USING HADOOP FRAMEWORK	Proceedings of 4th SARC - IRF International Conference, New Delhi, India, 27th April. 2014,ISBN: 978-93-84209-08-7
12.	Nachiket D. More, Pravin F. Pawar, Prof. Satish S.	Survey on Genome	International Journal of Emerging Trends in Engineering and

	Kumbhar	Sequencing Assembler	Development Issue 5, Vol.4 (June - July 2015) ,ISSN 2249 6149
13.	Nachiket D. More, Prof. Satish S. Kumbhar	Ensuring Accuracy in Genome Sequence Assembler	International Journal of Emerging Trends in Engineering and Development Issue 6, Vol.1 (January 2016) ISSN 2249-6149
14.	Ashwini U. Joshi, Aishwarya J. Malpani, Bhagyashree S. Modi , Satish Kumbhar	FIT-O-METER A MOBILE HEALTH ASSISTANT	International Journal of Computer Engineering and Applications, Volume X, Issue V, May 16 www.ijcea.com ISSN 2321-3469
15.	Sachin Manohar Gaikwad, Satish S. Kumbhar	Personality Based Recommendation System Using Social Media	International Journal on Recent and Innovation Trends in Computing and Communication ISSN: 2321-8169 Volume: 4 Issue: 6 349 – 354 IJRITCC | June 2016
16.	Chaitrali S. Kulkarni, Amruta U. Bhavsar, Savita R. Pingale, Prof. Satish S. Kumbhar	BANK CHAT BOT – An Intelligent Assistant System Using NLP and Machine Learning	International Research Journal of Engineering and Technology(IRJET) e-ISSN: 2395 -0056 Volume: 04 Issue: 05 | May -2017 ISSN: 2395-0072
17.	Kalyani B. Zope, S. S. Kumbhar	Customer Churn Analysis for Brokerage Data using Deep Learning	International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE) ISSN(Online): 2320-9801 ISSN (Print): 2320-9798 Vol. 5, Issue 4, April 2017
18.	1Mr. Satish Kumbhar, 2 Ashwini Lohar, 3Pratiksha Sheth, 4 Sayli Talathi	Sentiment Analysis of Twitter Data	International Journal on Future Revolution in Computer Science & Communication Engineering (IJFRCSCE) ISSN: 2454-4248 Volume: 4 Issue: 4576–578
19.	1Mr. Satish Kumbhar, 2Nikita Paranjape, 3Rasika Bhave, 4Akshay Lahoti	Comparative study of machine learning algorithms for anomaly detection in Cloud infrastructure	International Journal on Future Revolution in Computer Science & Communication Engineering (IJFRCSCE) ISSN: 2454-4248 Volume: 4 Issue: 4596–598
20.	Devyani Gurjar, Satish S Kumbhar	A Review on Performance Analysis of ZFS & BTRFS	International Conference on Communication and Signal Processing (ICCSP 2019) Melmaruvathur, Tamil Nadu, India 4-6 April 2019 IEEE Catalog Number: CFP1989M-POD ISBN: 978-1-5386-7596-0 ISBN (Online): 978-1-5386-7595-3
21.	Devyani Gurjar, Satish S	File I/O Performance	International Conference on

Sr. No			
	Kumbhar	Analysis of ZFS & BTRFS over iSCSI on a Storage Pool of Flash Drives	Communication and Electronics Systems (ICCES 2019) 17 – 19 July 2019 Coimbatore, India IEEE Catalog Number: CFP19AWO-POD ISBN: 978-1-7281-1262-6 ISBN (Online): 978-1-7281-1261-9
22.	Shounaak Ughade ; Satish Kumbhar	Survey on Mathematical Word Problem Solving Using Natural Language Processing	2019 1st International Conference on Innovations in Information and Communication Technology (ICIICT) Chennai, India Date of Conference: 25-26 April 2019 IEEE Catalog Number: CFP19T32-POD ISBN: 978-1-7281-1605-1 ISBN (Print-On-Demand): 978-1-7281-1605-1 ISBN (Online): 978-1-7281-1604-4
23.	Shounaak Ughade ; Satish Kumbhar	Mathematical Word Problem Solving Using Natural Language Processing	Fourth International Conference on Information and Communication Technology for Sustainable Development (ICT4SD 2019) July 5 - 6, 2019 Goa, INDIA. https://link.springer.com/chapter/10.1007/978-981-15-0936-0_46
24.	Ms. Greeshma Pala , Ms. Jagruti Bhagwan Jethwani , Mr. Satish Shivaji Kumbhar , Ms. Shruti Dilip Patil	Machine Learning-based Hand Sign Recognition	Proceedings of the International Conference on Artificial Intelligence and Smart Systems (ICAIS-2021) IEEE Xplore Part Number: CFP21OAB-ART; ISBN: 978-1-7281-9537-7
25.	Mikhilesh M Hirphode , Satish S Kumbhar	Machine learning based analysis of impedance plethysmograph for identifying the cardiac event	2022 4th International Conference on Advances in Computing, Communication Control and Networking (ICAC3N) ISBN: 978-1-6654-7436-8/22/ ©2022 IEEE
26.	Audumbar Badgire;Satish Kumbhar;Uttam M. Chaskar	Estimation of blood pressure using Heart Rate Variability features with deep learning approach for limited database	2022 4th International Conference on Advances in Computing, Communication Control and Networking (ICAC3N) ISBN:978-1-6654-7436-8/22/ ©2022 IEEE

Membership of Professional Bodies

Sr. No	Name of Professional body	Tenure
1.	Indian Society for Technical Education	Life Membership (No. 87233)