

Name of Teaching Staff	:	<b>Dr. Narendra M. Shekokar</b>	
Designation	:	<b>Professor</b>	
Department	:	<b>Computer Engineering</b>	
Date of Joining the Institution	:	<b>1 Sept. 2004 to Till Date</b>	
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Research gate Link:	:	<a href="https://www.researchgate.net/profile/Narendra-Shekokar">https://www.researchgate.net/profile/Narendra-Shekokar</a>	
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Publons Researcher ID	:		
Qualifications with Class / Grade	:	<b>Educational Qualification</b> <ul style="list-style-type: none"> <li>• <b>Ph.D (Engineering)</b> NMIMS University, Mumbai</li> <li>• <b>M.E. (Computer Science &amp; Engg.)</b> , Walchand College of Engg ,Sangli. (<b>First Class</b>)</li> <li>• <b>B.E. (Computer Science &amp; Engg.)</b> ,College of Engg, Badnera (<b>First Class</b> ).</li> </ul>	

Total Experience in Years	<p><b>Teaching : 25 Yrs. 6 Month</b></p> <ul style="list-style-type: none"> <li>• Working as <b>Professor</b> , Dept. of Computer Engineering, D.J. Sanghvi College of Engineering from July -2013 to Till Date.</li> <li>• Worked as Head, Dept. of Computer Engineering, D.J.Sanghvi College of Engineering from Sept -2012 to Jan -2020.</li> <li>• Worked as Asst. Professor with D.J.Sanghvi College of Engg from June 2007 to 04-June 2013</li> <li>• Worked as lecturer with D.J.Sanghvi College of Engg. from Sept 2004-June 2007</li> <li>• Worked as lecturer with Lokmanya Tilak College of Engg from June 1997-Aug 2004</li> <li>• Worked as lecturer with Fr. Agnel College of Engg. From Feb 1996-June 1997</li> </ul> <p><b>Industries Experience ( 8 Month) :</b> Worked as Customer Executive with MGA Pvt Ltd. From June 1995 –Feb 1996</p>
Papers Published in Journal:	<p><b>31 Papers are published in International and National Journals</b></p> <p>[1] Published a paper on title “ SQLI detection based on topic model“ International Journal of Engineering Research and Technology, Volume 69, Issue 11 (2020), pp. 47-52, November , 2021 , ISSN: 2231-5381, <b>DOI: 10.14445/22315381/IJETT-V69I11P206 , Scopus Index</b></p> <p>[2] Published a paper on title “ An Efficient Authentication Technique to Protect IoT Networks from Impact of RPL Attacks “ International Journal of Engineering Research and Technology, Volume 69 Issue 10, 137-145, October, 2021, ISSN: 2231-5381, <b>DOI: DOI :10.14445/22315381/IJETT-V69I10P217 , Scopus Index</b></p> <p>[3] Published a paper on title “Sql Injection Attack : The Biggest Threat to the Financial Sector” in UGC_CARE Journal ,Vidyabharati International Interdisciplinary Research Journal ,PP: 1719-1731, ISSN : 2319-4979.August 2021.</p> <p>[4] Published a paper on title “A Secured Model to Protect Healthcare IoT System from Version Number and Rank Attack “ Journal of University of Shanghai for Science and Technology(JUSST), Volume 23,issue 7, 2021, ISSN : 1007-6735, <b>DOI: 10.51201//21/07162 , Scopus Index</b></p> <p>[5] Published a paper on title “Performance Analysis of Machine Learning Algorithm used for Web base Phishing Detection “ Journal of University of Shanghai for Science and Technology(JUSST), Volume 23, issue 5, 2021, ISSN : 1007-6735, <b>DOI: 10.51201/JUSST/21/05-187 , Scopus Index</b></p>

- [6] Published a paper on title “Phishing Website Detection” ,International Journal of Engineering and Technology, Volume 8, issue4, April 2021, e-ISSN: 2395-0055,p-ISSN 2395-0072.
- [7] Published a paper on title “Cross Domain Adaptation using A Novel Convolution Neural Network” International Journal of Engineering Research and Technology, Volume 13, Number 9 (2020), pp. 2230-2238, September 2020, ISSN: 0974-3154, **DOI: 10.37624/IJERT/13.9.2020.2230-2238 , Scopus Index**
- [8] Published a paper on title “PUF Based Authentication for Secure Data Transfer In Smart Grid” International Journal of Advance Science and Technology Vol. 29, No. 10S, (2020), pp. 7897-7907, **Scopus Index.**
- [9] Published a paper on title “Privacy Preserving Record Linkage Using Phonetic and Bloom Filter Encoding “,” International Journal of of Advanced Research in Engineering and Technology (IJARET), Volume 11, Issue 7, July 2020, pp.350-362.  
**DOI : 10.34218/IJARET.11.7.2020.035, Scopus Index.**
- [10]Published a paper on title, “Preventing Cryptographic Attacks in Iot using Lightweight P-Box Permutation Encryption” , International Journal of Innovative Technology and Exploring Engineering (IJITEE), 2020, **DOI: 10.35940/ijitee.F4128.049620, Scopus Index.**
- [11]Published a paper on title, “MITM Attack Prevention Using PUF authentication in Smart Grid”, International Journal of Advanced Science and Technology(IJAST), International Journal of Advanced Science and Technology Vol. 29, No. 03, (2020), pp. 12321 – 12331, **Scopus Index.**
- [12]Published a paper on title, “Machine Learning Based Risk-Adaptive Access Control System to Identify Genuineness of the Requester.” Modern Approaches in Machine Learning and Cognitive Science: A Walkthrough. Studies in Computational Intelligence, vol 885. Springer, Cham. **DOI: [https://doi.org/10.1007/978-3-030-38445-6\\_10](https://doi.org/10.1007/978-3-030-38445-6_10) , Scopus Index.**
- [13]Published a paper on title,” Design of Machine Learning and Rule Based Access Control System with Respect to Adaptability and Genuineness of the Requester”, EAI endorsed Transactions on Pervasive Health and Technology, Issue 23, sep 2020, **DOI : 10.4108/eai.24-9-2020.166359, Scopus Index.**
- [14]Published a paper on title “Dynamic Access Control in a Document Data Store.”, International Journal in Advance Research in Computer Science and Software Engineering (IJARCSSE), Vol 7, Issue 5, May 2017, ISSN: 2277 128X, pp: 518-522. **DOI:10.23956/ijarcsse/V7I5/01.**
- [15]Published a paper on “Bluetooth Based File Encryption System using Modified Key Exchange Algorithm”, IJIACS, Vol-5, Issue-1, January-2016, ISSN 2347-8616.
- [16]Published a paper on “Security for Android Mobile Phones using Biometric Authentication against Factory Reset”, IJSR, Vol-4, Issue-12, December-2015, ISSN 2319-7064.
- [17]Published a paper on “Metamorphic Virus Detection using Uniform Characteristic”, ICRTCEE, January-2016.

	<p>[18] Published paper on title “A Framework for Cyberbullying Detection in Social Network “ , IJCET ( ISSN : 2277-4106) , Vol 5, No.1, Feb. 2015.</p> <p>[19] Published paper on title “Detection and Mitigation of Grayhole Attack in WSN using Trust Mechanism “ IJSR, Vol. 4, Issue 1, April. 2015.</p> <p>[20] Published paper on title “VILEER: Detection of Drive by Download attack on Malicious Web Pages”, IJSR, Vol.4, Issue 4, April 2015.</p> <p>[21] Published paper on title “End to End Encryption Architecture for Voice over Internet protocol”, International Journal of Computer Application (IJCA), ISBN 0975-8887</p> <p>[22] Published paper on title “Security for Anroid Mobile Phone using Biometric Authentication against Factory Reset” IJSR, Vol . No. 4 , Issue 12 , December 2015, ISSN: 2319-7064.</p> <p>[23] Published paper on title “Data Mining techniques for Real Time Intrusion Detection Systems”, IJSER, ISSN 2229 – 5518</p> <p>[24] Published paper on title “Design of Secured Server Administration”, ISSN 2229-662, March 2011</p> <p>[25] Published paper on title “Detection and Prevention Mechanism on Call Hijacking in VOIP System”, IJCA, Volume 90, Issue 6, ISBN : 973-93-80880-76-7.</p> <p>[26] Published paper on title “Analysis of various attacks and prevention of DOS attack in P2PSIP” IJRSET , ISSN : 2319 -8753</p> <p>[27] Published paper on title “Study of DSR and AODV under Sinkhole Attack and its Proposed Prevention Technique “ IJERA, Volume 4, Issue 3, ISSN: 2248-9622 .</p> <p>[28] Published paper on title “A Novel Authentication method in Wireless Sensor Method”, IJERA, Volume 5, Issue 3, ISSN: 2248-9622</p> <p>[29] Published paper on title “Identification and Defense Mechanisms for XSS attack “ , IJERT, Vol.3 , Issue 1, ISSN:2778-0161.</p> <p>[30] Published paper on title “Brisk and Secure Ad-Hoc Vehicular Communication “ IJRET, Volume 03, Issue 03, eISSN: 2319-1163.</p> <p>[31] Published paper on title “The countering the XdoS attack for securing the web services” International Journal of Computer Science</p>
<p>Papers Presented in Conferences</p>	<p><b>60 Paper are published in International Conferences.</b></p> <p>[1] Published a paper on title “Impact Analysis of Covid-19 on various Indian sectors” in the 5<sup>th</sup> International Conference on Computational Vision and Bio Inspired Computing ( ICCBIC-2021), Organized by RVS Technical Camus , Coimbatore , India on 25-26, November 2021, <b>Springer</b>.</p> <p>[2] Published a paper on title “Impact Analysis of RPL Attack on 6LoWPAN base Internet of Things Network” 7<sup>th</sup> International <b>IEEE</b> Conference on Electronics, Computing and Communication Technologies 2021 (IEEE Connect 21), IEEE Section Bangalore, 9-11 July 2021..</p> <p>[3] Published paper on title “ SMSPPRL: A Similarity Matching Strategy for Privacy Preserving Record Linkage”, Sixth <b>IEEE</b> International Conference on Parallel, Distributed and Grid Computing(PDGC), 6-8 Nov 2020.</p>

- [4] Published paper on title “ ResQ - Smart Safety Band Automated heart rate and fall monitoring system”, Fourth IEEE International Conference on I-SMAC, Palladam, India 7-9 Oct. 2020, **DOI: 10.1109/I-SMAC49090.2020.9243548,Scopus Index.**
- [5] Published paper on title “ An innovative approach towards shopping using Deep Learning and Computer Vision”., 2020 Third IEEE International Conference on Smart Systems and Inventive Technology (ICSSIT), Tirunelveli, India, 20-22 Aug. 2020, DOI: 10.1109/ICSSIT48917.2020.9214256 , Scopus Index.
- [6] Published paper on title “ Design and implementation of a human following smart cart ”., 2020 Third IEEE International Conference on Smart Systems and Inventive Technology (ICSSIT), Tirunelveli, India, 20-22 Aug. 2020, DOI: 10.1109/ICSSIT48917.2020.9214217 , Scopus Index.\
- [7] Published paper on title “Critical and Comparative analysis of DoS and Version number attack in healthcare IoT”, **Springer**, DSNCR -2020, 2 May 2020,Proceedings of DSNCR -2020 will published in Lecture Notes in Networks and Systems **ISSN: 2367-3370(In press), Scopus Index.**
- [8] Published paper on title “ EYERIS: A Virtual Eye to Aid the Visually Impaired “., 2020 3rd IEEE International Conference on Communication System, Computing and IT Applications (CSCITA) ,,Mumbai, India, 3-4 April. 2020, **DOI: 10.1109/CSCITA47329.2020.9137777 , Scopus Index.**
- [9] Published paper on title “ An Enhanced Approach for Privacy Preserving Record Linkage during Data Integration “ 6<sup>th</sup> IEEE International Conference on Information Management (ICIM) , 27-29 March 2020, London , **DOI : 10.1109/ICIM49319.2020.244689, Scopus Index.**
- [10]Published paper on title “Lightweight Random Number Generation for Elliptic Curve Cryptography for Use in IoT”, **Springer**, Advanced Computing Technologies and Applications, (ICACTA 2020),Mumbai India,28-29 Feb.2020, **DOI: 10.1007/978-981-15-3242-9 7**
- [11]Published paper on title “Improvement of Lightweight Integrity Verification Algorithm using TDHA”, **Springer**,Advanced Computing Technologies and Applications, (ICACTA 2020),Mumbai India, 28-29 Feb.2020, **DOI: 10.1007/978-981-15-3242-9 8.**
- [12]Published paper on title “Improving security of IoT network using machine learning based intrusion detection system”, **Springer**,Advanced Computing Technologies and Applications, (ICACTA 2020), Mumbai India, 28-29 Feb.2020, **DOI: 10.1007/978-981-15-3242-9**
- [13]Published paper on title “A Brief Survey of Sentiment Analysis”, **Springer**, Advanced Computing Technologies and Applications, (ICACTA 2020),Mumbai India, 28-29 Feb.2020, **DOI: 10.1007/978-981-15-3242-9\_34**
- [14]Published a paper on title “Preprocessing HTTP Requests and Dimension Reduction Technique for SQLI Detection” ICDLAIR 2019, MNIT Jaipur GOA, 7<sup>th</sup> -8<sup>st</sup> December 2019 .
- [15]Published a paper on title “Machine Learning Based Risk-Adaptive Access Control System to identify Genuineness of the Requester” ICCCMLA, GOA, 16<sup>th</sup> -17<sup>st</sup> August 2019, **DOI : 10.1007/978-981-15-1632-0,Scopus Index.**

- [16] Presented a paper on title “ A Review and Future Vision on Bloom Filter based Encoding for secured Data Integration” IEEE International Conference on Electrical, Communication, Electronics, Instrumentation and Computing-ICECEIC 2019,Tamil Nadu, 30<sup>th</sup> -31<sup>st</sup> January 2019.
- [17] Presented a paper on title “The SQL Injection Vulnerability Analysis on India Co-operative Banking and Government Website” IEEE International Conference on Electrical, Communication, Electronics, Instrumentation and Computing-ICECEIC 2019, Tamil Nadu, 30<sup>th</sup> -31<sup>st</sup> January 2019.
- [18] Presented a paper on title “Lightweight Cipher Using GRP Bit permutation and Tweak” 18<sup>th</sup> IEEE International Conference on Intelligent System Design and Application – ISDA 2018, 5 Dec 2018, VIT University Vellore, India, **DOI: [10.1007/978-3-030-16657-1\\_98](https://doi.org/10.1007/978-3-030-16657-1_98), Scopus Index.**
- [19] Presented a paper on title,” Fuzzy Inference to Rule Based Risk Calculation for Risk Adaptive Access Control” India Com 2018 (**IEEE Conference**), 14- 16<sup>th</sup> March 2018 .
- [20] Published a paper on title “Enhancements in Key Scheduling of AES Algorithm “IEEE International Conference on Electronics, Computer, Communication, Mechanical and Computing (EECCMC-2018) , Vellore , Tamil Nadu , January 28-29, 2018.
- [21] Published a paper on title “Analysis of Cross Domain Sentiment Techniques“IEEE International Conference on Electrical, Electronics, Communication, Computer Technology and Optimization Techniques (ICEECCOT-2017) , Mysuru,, December 15-16, 2017, **DOI :10.1109/ICEECCOT.2017.8284637, Scopus Index.**
- [22] Published a paper on title “ A Survey of Privacy Preserving Data Integration “, IEEE International Conference on Electrical ,Electronics, Communication, Computer Technology and Optimization Techniques (ICEECCOT-2017) , Mysuru,, December 15-16, 2017,DOI : 10.1109/ICEECCOT.2017.8284559, **Scopus Index.**
- [23] Published a paper on title “ Security approach on MQTT based Smart Home “ IEEE International Conference on Power, Controls, Signals & Instrumentation Engineering ( ICPCSI-2017) , Chennai,. September 21-22, 2017, DOI: **[10.1109/ICPCSI.2017.8391883](https://doi.org/10.1109/ICPCSI.2017.8391883), Scopus Index.**
- [24] Published Paper on title, “Lightweight secure RPL: a need in IoT”,International Conference on Information Technology (ICIT), 214-219, IEEE, 2017 **DOI: [10.1109/ICIT.2017.31](https://doi.org/10.1109/ICIT.2017.31) , Scopus Index.**
- [25] Published a paper on title “ Model to analyze social media data to gain a competitive edge” 3<sup>rd</sup> IEEE International Conference on Computing , Communication, Control and Automation ( ICCUBEA-2017) , August 17-18, 2017.
- [26] Published a paper on title “ Application for selecting dynamic optimum path parameter in routine network using school bus routing problem “” 3<sup>rd</sup> IEEE International Conference on Computing , Communication, Control and Automation ( ICCUBEA-2017) , August 17-18, 2017.
- [27] Published a paper on title “Cued Click Authentication “ 14 IEEE International Conference on Wireless and Optical Communication Networks

( WOCN 2017) ,24-25 February , 2017, Mumbai ,  
DOI: **10.1109/WOCN.2017.8065845, Scopus Index.**

- [28] Published a paper on title, "A Polyglot Persistence approach for E-Commerce business model," 2016 IEEE, International Conference on Information Science (ICIS), Kochi, 2016, pp. 7-11. DOI: **10.1109/INFOSCI.2016.7845291, Scopus Index.**
- [29] Published a paper on title, "A novel polyglot data mapper for an E-Commerce business model," 2016 IEEE Conference on e-Learning, e-Management and e-Services (IC3e), Langkawi, 2016, pp. 40-45, DOI : **10.1109/IC3e.2016.8009037, Scopus Index.**
- [30] Published a paper on title " A Novel K-Means L-Layer Algorithm for Uneven Clustering in WSN" in **IEEE International Conference** on Computer, Control, and Signal Processing (ICCCSP), SSN College of Engg., Kalavakkam, Chennai, 10<sup>th</sup> -11<sup>th</sup> January 2017.
- [31] Published a paper on title " A Solution to detect Phishing in Android Devices." **Springer International Conference** on Information Systems Security (ICISS-2016), NIT Jaipur, December 2016.
- [32] Published paper on title " A rule Based Intrusion Detection System to Identify Vindictive Web Spider", **IEEE International Conference** ( CAST-2016), College of Engineering, Pune, December 19-21, 2016.
- [33] Published a paper on title "3D Socio Graphical CAPTCHA Based on reCAPTCHA Against Spammers and Bots" , **IEEE International Conference** on Advances in Electronics , Communication and Computer Technology (ICAECCT-2016) ,RSCE, Pune , 2 and 3 , December 2016.
- [34] Published a paper on title " Trustworthiness Evaluation System in E-commerce Context " , 2<sup>nd</sup> **IEEE International Conference** on Computing, Communication, Control and Automation ( ICCUBEA2016), PCCOE, Pune, 12<sup>th</sup> and 13<sup>th</sup> August, 2016.
- [35] Published a paper on title " Intelligent Tutoring System for learning English Punctuation " , 2<sup>nd</sup> **IEEE International Conference** on Computing, Communication, Control and Automation ( ICCUBEA2016), PCCOE, Pune, 12<sup>th</sup> and 13<sup>th</sup> August, 2016.
- [36] Published a paper on title " A polyglot Persistence Approach for E-Commerce Business Model", **IEEE International Conference** on Information Science (ICIS- 2016), College of Engineering Cherthala, Kerala, August, 2016.
- [37] Published a paper on title " Cloud Computing Security in Multi-clouds using Shamir Secret Sharing Scheme", **IEEE International Conference** on Electrical ,Electronics and optimization Technique (ICEEOT) DMJ COE, Chennai, Tamil Nadu, 3 to 5<sup>th</sup> March 2016.
- [38] Published a paper on title "Security Protocol for Wireless Sensor Network to prevent Node cloning Attack", **IEEE sponsored 3<sup>rd</sup> International Conference** on Electronics and Communication Systems at Karpagam COE, Coimbatore, India , 25<sup>th</sup> and 26<sup>th</sup> Feb 2016
- [39] Published a paper on title "Prevention of Session Hijacking Attack using Enhanced Session Binding Techniques", **IEEE sponsored 3<sup>rd</sup> International Conference** on Electronics and Communication Systems at Karpagam COE, Coimbatore, India , 25<sup>th</sup> and 26<sup>th</sup> Feb 2016

- [40] Published a paper on title “Security Against Sybil Attack in Social Network”, 5<sup>th</sup> **IEEE International Conference** on Information, Communication and Embedded Systems (ICICES 2016), India , 25<sup>th</sup> and 26<sup>th</sup> Feb 2016
- [41] Published a paper on title “A novel approach to improve network life time in WSN by energy efficient package optimization”, **IEEE International Conference** on Engineering and Technology organized by Rathinam Technical Campus, Coimbatore, Tamilnadu, 17<sup>th</sup> and 18<sup>th</sup> March 2016  
**“ Above paper has received a Best Paper award in the conference.”**
- [42] Published a paper on title “Remote password authentication scheme for distributed system using smart card”, **IEEE International Conference** on Engineering and Technology organized by Rathinam Technical Campus, Coimbatore, Tamilnadu, 17<sup>th</sup> and 18<sup>th</sup> March 2016.
- [43] Published a paper on title “ Metamorphics Virus Detection Using Uniform Characteristics”, International Conference on Recent Trends in Computer and Electronics Engineering. , Organized by SAKP ,Mumbai, January 23<sup>rd</sup> 2016.
- [44] Published a paper on title “At a glance of Sybil detection in OSN”, **1<sup>st</sup> IEEE International Symposium on Nanoelectronic and Information System (IEEE-iNIS)** Organized by **IEEE-iNIS** , December 23<sup>rd</sup> 2015
- [45] Published a paper on title “ Performance Evaluation of OLSR Protocol in MANET under The Influence of Routing Attack ” in **IEEE Conference** Organized by SIT, Lonavala.
- [46] Published a paper on title “ Insider Threats Detection Using Log Analysis and Event Correlation “in ICACTA 2015 (**ELSEVIER** ) Conference Organized by DJSCE, Mumbai.
- [47] Published a paper on title “ Twitteri Identification System “ in ICACTA 2015 (**ELSEVIER** ) Conference Organized by DJSCE, Mumbai.
- [48] Published a paper on title “ An Enhance Authentication Mechanism to Secure Re-programming in WSN ” in ICACTA 2015 (**ELSEVIER** ) Conference Organized by DJSCE, Mumbai.
- [49] Published a paper on title “ Implementation of Pattern matching Algorithm to Defend SQLIA ” in ICACTA 2015 (**ELSEVIER** ) Conference Organized by DJSCE, Mumbai.
- [50] Published a paper on title “ Implementation of Fuzzy Keyword Search Over Encrypted Data in Cloud Computing ” in ICACTA 2015 (**ELSEVIER** ) Conference Organized by DJSCE, Mumbai.
- [51] Published a paper on title “ Conservation of Energy in Wireless Sensor Node through Prevention of Denial of Sleep Attack ” in ICACTA 2015 (**ELSEVIER** ) Conference Organized by DJSCE, Mumbai.
- [52] Published a paper on title ““Analysis and Prevention of various DoS attack on P2P”,International Conference ICETS 2014, Tamilnadu , India
- [53] Published and presented a paper on “A survey : Anomaly Intrusion Detection System” International Conference – ICETTA – 2014, Mumbai,India
- [54] Analysis of various attacks and prevention of DOS attack in P2PSIP”, International Conference – ICETS 2014 Muthayammal College of Engg, Tamil Nadu.

	<p>[55] Published a paper on title ““Lightweight authentication protocol used in wireless sensor network”, <b>IEEE CSCTTA 2014, Mumbai, Published in IEEE explorer digital library.</b></p> <p>[56] Published and presented paper on “ Anomaly detection in VoIP system using Neural Network and Fuzzy Logic “, CIIT 2011, <b>Published in Springer digital library</b>, volume 250 , part 2, pp 537-542.</p> <p>[57] Published and presented paper on “ Security SIP using trusted third party system”, International Conference on Machine Learning (ICMLC- 2011), 26-28 Feb-11, Singapore, pp. 396-399.</p> <p>[58] Published paper on title “Threats analysis in VoIP system”, 3<sup>rd</sup> International Conference on Computer and Electrical Engineering, (ICCEE-2010), Volume No. 6, PP 496-501, China.</p> <p>[59] Published paper on topic “A virtual keyboard using shadow analysis” at 3<sup>rd</sup> International Conference on Emerging trends in Engineering and Technology, 2010, pp. 163-165 (<b>Online Available: IEEE computer science digital library</b>)</p> <p>[60] Published and presented paper on topic “A Novel approach to avoid billing attack”, at International Conference, organized by WASET, 26-28, Feb. 2010, Malaysia, pp. 993-997.</p>				
Area of Specialization	<b>Cyber Security , System Security</b>				
PhD Guide ? Give field & University	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;"><b>Field:</b></td> <td><b><u>Computer Engineering.</u></b></td> </tr> <tr> <td><b>University:</b></td> <td><b><u>University of Mumbai.</u></b></td> </tr> </table>	<b>Field:</b>	<b><u>Computer Engineering.</u></b>	<b>University:</b>	<b><u>University of Mumbai.</u></b>
<b>Field:</b>	<b><u>Computer Engineering.</u></b>				
<b>University:</b>	<b><u>University of Mumbai.</u></b>				
PhDs / Projects Guided	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;"><b><u>PhDs :</u></b></td> <td><b>02 ( Completed) 04 ( Thesis Submitted ) 03 ( Registered )</b></td> </tr> <tr> <td><b><u>Projects _____ at Masters level:</u></b></td> <td><b>25 ( M.E /M.Tech. )</b></td> </tr> </table>	<b><u>PhDs :</u></b>	<b>02 ( Completed) 04 ( Thesis Submitted ) 03 ( Registered )</b>	<b><u>Projects _____ at Masters level:</u></b>	<b>25 ( M.E /M.Tech. )</b>
<b><u>PhDs :</u></b>	<b>02 ( Completed) 04 ( Thesis Submitted ) 03 ( Registered )</b>				
<b><u>Projects _____ at Masters level:</u></b>	<b>25 ( M.E /M.Tech. )</b>				

<p>Books Published / IPRs / Patents</p>	<p>: Books (Editors for conference Proceedings on Springer)</p>	<p><b>Patent Published : 04</b></p> <p><b>Title of the Invention:</b> An improved method for sentiment analysis using a novel approach for cross domain adaption.  <b>Date of filing of Application:</b> 26/04/2021  <b>Publication Date:</b> 28/05/2021 (54)</p> <p><b>Title of the Invention:</b> A method for securing low constrained device of the IoT network.  <b>Date of filing of Application:</b> 20/09/2021  <b>Publication Date:</b> 26/11/2021</p> <p><b>Title of the Invention:</b> Deep learning based Language translator  <b>Date of filing of Application:</b> :28/10/2021  <b>Publication Date:</b> 05/11/2021</p> <p><b>Title of the Invention:</b> Smart Networked Street Lighting System Using Non-Conventional Energy Source.  <b>Date of filing of Application:</b> : 17/01/2020  <b>Publication Date:</b> 21/01/2020</p> <p><b>Copyright Registered: 01</b></p> <p><b>Title of Work :</b> Python Based Attendance Management Tool for Online Lecture during Covid 19 Pandemic.  <b>Registration No :</b> L-110318/2022  <b>Registration Date :</b> 11 Jan. 2022.  <b>Diary Number :</b> 24716/2021-CO/L</p> <p><b>Book Published: 01</b></p> <p><b>Design of Intelligent Applications using Machine Learning and Deep Learning Techniques, Taylor and Francis, CRC Press, ISBN 9780367679798, 16 August 2021</b></p> <p><b>Book Chapter Publication : 07</b></p> <p>[1] Published Book Chapter on title,” Fundamental Models in Machine Learning and Deep Learning”, Design of Intelligent Applications using Machine Learning and Deep Learning Techniques, Taylor and Francis , CRC Press, <b>ISBN 9780367679798</b>, 16 August 2021</p> <p>[2] Published Book Chapter on title “Application of Machine Learning and Deep Learning in Thyroid Disease Prediction”, Taylor and Francis , CRC Press, <b>ISBN 9780367679798</b>, 16 August 2021</p>
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		<p>[3] Published Book Chapter on title “Evaluation of Intrusion Detection System with Rule-Based Technique to Detect Malicious Web Spiders Using Machine Learning”, Taylor and Francis , CRC Press, <b>ISBN 9780367679798</b>, 16 August 2021</p> <p>[4] Published Book Chapter on title “Training Agents to Play 2D Games Using Reinforcement Learning”, Taylor and Francis , CRC Press, <b>ISBN 9780367679798</b>, 16 August 2021</p> <p>[5] Published Book Chapter on title,” Lightweight Secure Technology Future of Internet of Things”, Internet of Things, Smart Computing and Technology: A Roadmap Ahead, <b>DOI: 10.1007/978-3-030-39047-1_14, Scopus Index.</b></p> <p>[6] Published Book Chapter on title, ” Towards smart and Secure IoT based healthcare system”, Internet of Things, Smart Computing and Technology: A Roadmap Ahead, <b>DOI: 10.1007/978-3-030-39047-1_14, Scopus Index.</b></p> <p>[7] Published a paper on title “Dynamic Access Control in a Document Data Store.”, International Journal in Advance Research in Computer Science and Software Engineering (IJARCSSE), Vol 7, Issue 5, May 2017, ISSN: 2277 128X, pp: 518-522., <b>ISSN: 2277 128X DOI:10.23956/ijarcsse/V7I5/01.</b></p>
Professional Memberships	:	ISTE Life member ( LM 40575)
Grants fetched	: Minor Research Grant (University of Mumbai)	<p>[1] Received Minor Research Grant <b>Rs. 40,000</b> from University of Mumbai in A.Y. 2015-16 for Research Proposal “<b>A Clustering based approach for increased network lifetime for wireless sensor networks</b>”.</p> <p>[2] Received Minor Research Grant <b>Rs. 25,000</b> from University of Mumbai in A.Y. 2018-19 for Research Proposal “<b>Protecting Healthcare Data during Integration using Ingenious Technique</b>”</p>

Interaction with Professional Institutions	:	<b>Guest Lectures:</b>	<b>Guest Lectures:</b> <ul style="list-style-type: none"> <li>[1] <b>Deliver expert talk on title</b> “Cyber Security” during webinar organized by CSMIT , Panvel,, on 4<sup>th</sup> Jan . 2022.</li> <li>[2] <b>Deliver expert talk on title</b> “Information and Cyber Security ” during session organized for TE students of Sihagad College of Engineering, Pune, on 16 Oct.. 2021.</li> <li>[3] <b>Deliver expert talk on title</b> “Cyber Security in the Era of Digital Transformation” during webinar organized for SVKM Staff, on 24<sup>th</sup> Sept. 2021.</li> <li>[4] <b>Deliver expert talk on title</b> “Cyber Security Threats and Essential of wireless Network Security” during webinar organized by IETE Student Chapter by Terna College of Engineering, on 9<sup>th</sup> Sept. 2021.</li> <li>[5] <b>Deliver expert talk on title</b> “Cyber Security Technology and Research Trends” during <b>ISTE approved one week STTP</b> organized by Vidyavardhini College of Engineering, on 23<sup>rd</sup> June 2021.</li> <li>[6] <b>Delivered expert talk on title</b> “ Cyber Threats and Mitigation “ , <b>during Webinar</b> organized by IETE Students Chapter, Terna College of Engineering , Nerul, Mumbai, 23<sup>rd</sup> March 2021.</li> <li>[7] <b>Delivered expert talk on title</b> “ Security Threats Cyber Threats and Mitigation in Smart Computing “ , <b>during ISTE approved One Week FDP</b> organized by Xavier Institute of Technology , Mumbai, 4<sup>th</sup> January 2021.</li> <li>[8] <b>Delivered expert talk on title</b> “ Cyber Security Threats and Mitigation Techniques“ VPM Maharshi Parshuram College of Engg., Velneshwar. 5<sup>th</sup> Nov 2020.</li> <li>[9] <b>Deliver expert talk on title</b> “Machine Learning in Cyber Security” during <b>ISTE approved one week STTP</b> organized by Vidyavardhini College of Engineering, on 25<sup>th</sup> June 2020.</li> <li>[10] <b>Deliver talk on title</b> “Cyber Security Threats” SE/TE students of Terna College of Engg. On 30<sup>th</sup> April 2020.</li> </ul>
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	<p><b>Other Achievements and Responsibilities:</b></p>	<p>[11] <b>Deliver expert talk</b> on “Recent Trends in Wireless Network” during <b>ISTE approved one week STTP</b> organized by EXTC Dept., on 3<sup>rd</sup> January 2019.</p> <p>[12] Invited as a <b>Judge for Project Competition</b> “Vivek Technotronix” organized by VES Polytechnics, Mumbai, 2<sup>nd</sup> March 2019.</p> <p>[13] <b>Deliver expert talk on</b> “Cyber Security and Ethical Hacking ” during DTE Sponsored <b>one-week STTP</b> organized by Government Polytechnic , Malvan, on 20<sup>th</sup> March 2019.</p> <p>[14] <b>Deliver expert talk on</b> “System Security” at Terna College of Engineering , 11<sup>th</sup> Oct 2018.</p> <p>[15] <b>Deliver expert talk on</b> “Security issues in smart cities” during <b>ISTE approved STTP</b> organized by Universal College of Engineering, Kaman, Vasai(E) on 21<sup>st</sup> June 2017.</p> <p>[16] Appointed as PG project review committee members, May 2017.</p> <p>[17] <b>Deliver talk</b> on topics “cyber security” at VIVA Institute of Technology , Mumbai.</p> <p>[18] Conducted expert lecture on Network Security at Tasgaonkar College, Karjat.</p> <p>[19] Delivered an expert lecture on Network Design and Management at Tasgaonkar College of Engg.</p> <p>[20] Delivered an expert lecture on High Speed Network at SNTD, Mumbai.</p> <p>[21] Taught various subject at the <b>IIS program</b> run in collaboration with Kingston University, UK.,</p> <p><b>Responsibility at University of Mumbai /Other University.</b></p> <p>[1] Appointed as <b>PhD Defense Referee</b> by Sant Gadge baba Amravati University, Amravati, July 2021.</p> <p>[2] Appointed as <b>PhD Defense Referee</b> by Rashtrasant Tukadoji Maharaj Nagpur University in Feb 2020.</p>
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- [3] Appointed as M.E/ M.Tech. Project Exam **Referee** by Shri Sant Gadge baba Amravati University in A.Y 2014-2015 ,15-16, 16-17,17-18,18-19,19-20
- [4] Appointed as a **Board of Study Member, Computer Engg.** by Vice Chancellor of Mumbai University in A.Y 2014-2015 ,15-16, 16-17,17-18,18-19.
- [5] Appointed as a **Result Moderation Committee Member, Computer /IT Engg.** by Vice Chancellor of MU in A.Y 2010-2011 to till date.
- [6] Appointed as a **Local Enquiry Committee Member** for PhD Research Centre /UG/PG courses, University of Mumbai in .A.Y 2015-2016,16-17, 17-18,18-19.
- [7] Appointed as a **Judge for state level project competition “ Avishkar “** in A.Y 2015-16, 16-17, 17-18 ,organized by University of Mumbai.
- [8] Appointed as a subject expert for conducting USSC Interview at various Engineering College by University of Mumbai.
- [9] Invited by University of Mumbai to conduct orientation program for First Year Engineering subject “Structured Programming Approach “at VIT, Mumbai.

**Responsibilities at other Institute Level.**

- [1] Appointed as **Dept. Advisory Board member** (DAB) of IT Department, NMIMS MPSTME, A.Y 2018-19, 2019-20,20-21.
- [2] Appointed as Dept. **Advisory Board member** (DAB) of Computer Engg. Dept., at Fr. CRCE, Bandra (W), A.Y 2018-19, 2019-20,2021
- [3] Appointed as a Dept. **Advisory Board** (DAB) of Information Technology by K.J. Somaiya , Institute of Technology , Sion, A.Y 2017-18,2018-19, 2019-20,20-21
- [4] Appointed as a Dept. **Advisory Board** (DAB) of Computer Engg. Dept. by A. P. Shah Institute of Technology , Thane , A.Y 2019-20, 2020-21.

		<p>[5] Appointed as a Dept. <b>Advisory Board</b> (DAB) of Information Technology Dept. by L. R. Tiwari College of Engineering, A.Y 2019-20, 2020-21.</p> <p>[6] Appointed as <b>Academic Auditor</b> of Computer Engg. Dept., RAIT, A.Y 2018-19, 2019-20.</p> <p>[7] Appointed as <b>Academic Auditor</b> of Computer Engg. Dept., FCRIT, Vashi, A.Y 2018-19, 2019-20</p> <p>[8] Appointed as a <b>Panel member for conducting Interview for Ph.D. in Engineering</b>, TCET, Mumbai, 15 March 2019.</p> <p>[9] Appointed as <b>Expert for Dept. Audit</b> (Computer Engineering) , Fr. C. Rodrigues Institute of Technology, Vashi , Navi Mumbai , 2<sup>nd</sup> Jan 2019.</p> <p>[10] Appointed as Expert <b>for Dept. Audit</b> (Computer Engineering), Fr. CRCE, Bandra (W) , 2018.</p> <p>[11] Appointed as a <b>Panel member for conducting Interview for Ph.D. in Engineering</b>, NMIMS University.</p> <p>[12] Appointed on <b>Advisory Committee</b> on ISTE approved STTP on topics “Ethical Hacking and IT Security”, VIVA Institute of Technology.</p> <p>[13] <b>Invited as a Judge</b> of the National Level Technical Paper Presentation Competition, AVALON-2017.</p> <p>[14] Invited as a <b>chief judge</b> for technical paper presentation by CSI-SSJCOE students’ chapter at S.S. Jondhale COE, 22<sup>nd</sup> March 2016</p>
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Subjects Taught	<p><b>UG Level:</b></p> <p>System Security, Computer Network, Operating System, Data Structure, Object Oriented Programming Methodology, Software Engineering, Computer Architecture &amp; Organization, Java Programming, C Prog. Programming, Data Mining.</p> <p><b>PG Level:</b></p> <p>Cyber Security, Cyber Security and Law, Ethical Hacking and Digital Forensics, Network Design and Management, Secure Coding.</p>
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Projects Guided	:	<u>UG Level: 40</u>  <u>PG Level: 25</u>	
Recommended Students for Higher Education		<u>Name of the Student</u> <b>50 Students</b>	<u>University/Industry</u> <u>UCLA , NYU, Northeastern University, Stanford University, University of Pennsylvania, University of Illinois</u>

<p>Institute/Department Responsibility handled:</p>	<p><b>Responsibilities and Event organized at Institute Level.</b></p> <p>[1] <b>Working as IT Convener from Sept.21 to till date.</b></p> <p>[2] <b>Worked as Head, Dept. of Computer Engineering, D.J.Sanghvi College of Engineering from Sept -2012 to Jan -2020.</b></p> <p>[3] <b>Organized AICTE-ISTE approved Five days STTP on smart Computing, 12 July -16 July , 2021.</b></p> <p>[4] <b>Conduction PhD Course work in Academic year 2020-2021.</b></p> <p>[5] <b>Worked as a Conference Chair &amp; Proceeding Editor of Second International Conference ICACTA 2020 on theme “Intelligent Computing”, selected paper will be published with Springer in Algorithms for Intelligent Computing. [ISSN : 2524-7565].</b></p> <p>[6] <b>Worked as a Conference Co-Chair &amp; Editor for First International Conference ICACTA 2015, all selected paper are published in Science Direct, Procedia of Computer Science.</b></p> <p>[7] <b>Organized Workshop for SVKM Non Teaching staff on title “ Effective Use of IT and Security Services During Covid 19” on 2<sup>nd</sup> June 2020.</b></p> <p>[8] <b>Organized 2 Days FDP on title “ Advanced Computing and Communication Technologies for Industry 4.0” on 12<sup>th</sup> -13<sup>th</sup> June 2020.</b></p> <p>[9] <b>Organized Faculty Development Program (FDP) in association with TCS on “Lateral Thinking” on 12 Feb. 2019.</b></p> <p>[10] <b>Working as a Computer Research Centre Head from A.Y. 2014-15 to till date.</b></p> <p>[11] <b>Worked as Graduate Research Assessment Committee (RAS) member from A.Y 2015-16 to 19-20.</b></p> <p>[12] <b>Organized Faculty Development Program (FDP) on “Intellectual Property Rights” on 4<sup>th</sup> &amp; 5<sup>th</sup> Jan 2019.</b></p> <p>[13] <b>Organized AICT-ISTE approved one week STTP on “Insights of Machine Learning &amp; Deep Learning “from 2 July 2018 to 6 July 2018.</b></p> <p>[14] <b>Organized Faculty Development Program (FDP) on “Research Area in Internet of Things” on 14<sup>th</sup> &amp; 15<sup>th</sup> July. 2017.</b></p> <p>[15] <b>Organized ISTE approved one week STTP on “Practical Insights to Cloud Computing” from 4<sup>th</sup> Jan 2016- 9<sup>th</sup> Jan 2016.</b></p> <p>[16] <b>Organized Faculty Development Program (FDP) in association with TCS on “Big Data Analysis” on 15<sup>th</sup> &amp; 16<sup>th</sup> Dec. 2014.</b></p> <p>[17] <b>Organized State Level Project Competition “DJ ASCII” in A.Y 2016-17 to 18-19.</b></p> <p>[18] <b>Organized State Level Hackthon “Line of Codes” in A.Y 2018-19.</b></p>
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	<p>[19] Appointed as <b>Co-Chairperson</b> for F.E Admission in A.Y 2017-18, 18-19.</p> <p>[20] Working as a <b>Sport Chairman</b> at Institute Level from A.Y 2010-11 to till date.</p> <p>[21] Working as a <b>Chief Conductor for University Examination</b> from May – June 2018 to till date.</p> <p>[22] Organized Orientation program on “Structure Programming Approach” at D. J. Sanghvi College of Engineering.</p> <p>[23] Organized one day orientation program in association with University of Mumbai on “<b>Cloud Computing Lab</b>” B.E (Sem VIII) at DJSCE Appointed as <b>Session Chair at ICCT 2015</b> , Organized by EXTC , DJSCE.</p> <p>[24] Taken initiative to start <b>consultancy work</b> in Computer Engineering Department..</p> <p>[25] Appointed as a <b>Software/Hardware in charge</b> of F.E/S.E admission in year 2013.</p> <p>[26] Worked as <b>Hardware in charge</b> for F.E/S.E admission from 2009-2012.</p> <p>[27] Working as a <b>ACM Convener</b> since Year 2012</p> <p>[28] Worked as a <b>ACM coordinator</b> in year 2011.</p> <p>[29] Worked as a <b>Project Coordinator</b> Year 2010-2011.</p> <p>[30] Worked as a <b>F.E. Coordinator (CP-I/CP-II)</b></p> <p>[31] <b>Organized orientation program</b> for M.E teacher in Cyber Security.</p> <p>[32] <b>Conduct Workshop</b> for NMIMS Law Student.</p> <p>[33] <b>Organized 2 days workshop for staffs and students</b> on Ethical Hacking , Anroid OS, Computer Forensics, Network Design, Cloud Computing, Network Security, PC Assembling, Higher Education opporchinuties, Web Engineering,NS2.</p> <p>[34] <b>Deliver and Organized seminars for students</b> on DSF/DSA ,Adv. Java, Basic of C/C++ for Interview preparation</p> <p>[35] Successfully conducted System security Track during syllabus revision meeting of Mumbai University organized by DJSOE Comp. Dept.</p>
Pedagogy Development	