

## Curriculum Vitae

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## 1 Personal details

Name:	<b>Ms. Deepali Vora</b>
Date of Birth:	1 <sup>st</sup> November 1977
Mail id:	deepali.vora11@gmail.com
Contact:	Mob: +91 9821570755
Work address:	Vidyalankar Institute of Technology, Vidyalankar college Marg, Wadala (E), Mumbai 400037
Website:	<a href="http://www.vit.edu.in">www.vit.edu.in</a>
Professional Memberships:	Life Member: <ul style="list-style-type: none"> <li>• Indian society for Technical Education, ISTE</li> <li>• Institute for Engineering Research and Publication (IFERP)</li> <li>• IEEE, IEEE Computer Society and WIE</li> </ul>
Residential Address: Permanent	Apartment No. 503, 'B' Building, Glitterati, Village- Pimpale Nilakh, Taluka- Haveli, Pimpri Chinchwad, Pune 411027
Languages:	Read, Write and Speak: Hindi, English, Marathi

## 2 Academics

### a. Educational Qualifications

	<b>Degree</b>	<b>College and University</b>	<b>Class</b>	<b>Year</b>
1	<b>PhD (Computer Science and Engineering)</b>	Amity University, Mumbai	Completed	June 2019
2	<b>M.E. (Comp. Engg.)</b>	VIT, Mumbai University	Ist Class with distinction	March 2012
3	<b>B.E. (Computer Science and Engg.)</b>	MIT, Dr. B.A.M. University	Ist Class with distinction	June 1999

**b. Subject Expertise:**

<b>Under graduate:</b>	Data Warehousing, Data mining, Web Mining, Software Engineering, Databases, Web Programming, E- Commerce, Software Architecture, Big Data Analytics, Machine Learning, Deep Learning
<b>Post Graduate:</b>	Data Warehousing and Mining, E Business Technology, Web Personalization, Advanced Software Architecture, Software Engineering, Cloud Computing, Advanced Web Technology, Machine Learning, Deep Learning, Big Data Analytics, Privacy Preservation

**3 Professional Experience****a. Teaching and Industry Experience (Full time)****Summary of experience:**

<b>Sr. No</b>	<b>Organization</b>	<b>Post</b>	<b>Working Period</b>
1	Symbiosis Institute of Technology	Associate Professor, CSE, SIT Pune and In-charge Administration, SIT Nagpur	01 July 2021 – till date
2	Vidyalankar Institute of Technology, Mumbai	Professor and HoD, IT	January 2002 – till 15 June 2021
3	Navjeevan Polytechnic	Assistant professor	June 2001 to December 2001
4	Harbinger Netgenica Pvt Ltd	Software Engineer	26 June 2000 – 31 October 2000
5	MIT College of Engineering, Aurangabad	Lecturer	August 1999 – 01 May 2000

**b. Research experience**

- **Projects guided:**

<b>Graduate</b>	<p>More than 50 number of projects in the area of e commerce, recommender systems, web security, data and web mining, distributed computing, machine learning, android applications.</p> <p>Email Classification using two level Neural Network was developed for Netcore Solutions Pvt. Ltd.</p> <p>Help Map – Phase 1 application developed with IIT Bombay and Tata Group</p>
<b>Post graduate</b>	<p>More than 20 number of postgraduate students guided in the area of Recommender systems using cluster and sequential pattern mining, Web Security, Semantic analysis for trust in e commerce system, Heart Diseases prediction using neural network and genetic algorithm, Privacy Preservation in web environment, Trustworthiness of user in E commerce environment, Machine Learning etc.</p> <p>Automatic Code generation from Natural Language being developed for Automation Edge, Pune</p> <p>18 Students Completed their postgraduate degree under the guidance.</p>
<b>Research</b>	<p>03 Students are currently pursuing PhD in Symbiosis International University, Pune.</p>

- **Projects Developed**

- Blogging System for the Vidyalkar Institute of Technology.
- Website of Vidyalkar Institute of Technology developed and managed from 2018 till 2020.
- Automatic Question Answer generation using python was developed.
- Currently working on BCI related projects with CDAC and Tata Motors

## 5. Professional Achievements

- Organization of STTPs and Conferences:**

No.	Title	Year	Role
1	Campus Connect Programme with Infosys	2006-2008	Organizer at institute level for all the departments.
2	Information Storage management and Disaster Recovery Conducted by EMC2	2009	Organizer
3	Tools and Methodologies in Technical Teaching	2010-11	Convener and Organizer

No.	Title	Year	Role
4	Virtualization, Cloud Computing and Big Data (AICTE sponsored)	2013	Convener and Organizer
5	Annual Project Exhibition-Tantravihar	2012-2014 2014-2019	Convener and Organizer Member
6	IBM RSA Training conducted by IBM	2011	Convener and Organizer
7	National Conference	2008	Registration Team Member
8	National Conference	2009	Registration Team Member
9	International Conference	2014, 2015 and 2016	Part of Conference Team for various activities
10	Application Development on Public Cloud	2016,2017	Organized for students
11	Python: Hands on Web Application Development and Data science	2018	Convener and Organizer
12	Open Data Science with IoT	2018	Convener and coordinator for AICTE-ISTE sponsored STTP
13	International Conference RACEM	2019	Organizing Program Committee member – Head Reviewer
14	Advance Technologies in IT	2020	Convener and Organizer
15	E-Learning with MS Tools	2020	Convener and Organizer
16	International Conference ICAITR	2021	Convener and coordinator for AICTE sponsored International e-Conference
17	Workshop on Cyber Safety	2021	Coordinator for workshop conducted by International Faculty

**b. Participation in STTPs/ Conferences/ Workshops/Awards**

No.	Type	Areas covered with details
1	Technical STTPs	<p><b>Attended:</b> Multimedia systems, Unix OS, Ethical Hacking and Forensic Analysis, Virtualization ,Cloud Computing and Big data, Open Source Systems, Project Management, Big Data Analytics, Use of open source tools in Research, Data Science using Python.</p> <p><b>Conducted</b></p> <p>Session on “Future of Data Mining” organized by Xavier Institute of Technology, Mumbai on 01 September 2021.</p> <p>Session on “ From Machine Learning to Deep Learning” in the FDP organized by Data Meghe College of Engineering, Mumbai on 23 June 2021.</p> <p>Session on “ MLfor Time Series Analysis” in Refresher Course on Data Science and Machine Learning organized by VSIT, Mumbai funded by RUSA in March 2019</p> <p>Session on “From Basic Science to Data Science” in Refresher Course organized by UGC Human Resource Development Centre, University of Mumbai. December 2020</p> <p>Session on “Deep Learning” in a FDP organized by Vidyavardhini College of Engineering, Vasai , Thane in May 2020</p> <p>Hands on session on “ RNN and LSTM” in a FDP organized by VIT, Mumbai in May 2020.</p> <p>“Data Analytics for Business” organized by IMC, Mumbai in November 2019</p> <p>Hands on session on “ Exploratory Data Analysis and Visualization” in STTP on “Zest of Data Science” organized by PVPPV COE in Jan 2020</p> <p>2 day session at K.C. College of Engineering on “Python Programming” and “Machine Learning using Python” in July 2017</p> <p>Delivered a talk on “Data Science and Machine Learning” in the STTP organized by PVPP college of Engineering in Jan 2018</p> <p>Conducted a whole day hands on session on “Python” in Vidyalankar Institute of Technology in Jan 2018</p> <p>Conducted 5 day session for Eduvance on “Python Data Science “</p> <p>Conducted a IETE approved course on “Data Analytics using Python” in Vidyalankar Institute of Technology</p> <p>Conducted sessions in IETE approve courses on “Complete Python with Data Science” in Vidyalankar Institute of Technology</p>

No.	Type	Areas covered with details
2	Education Technology related STTP	Teaching Methodologies, Workshop on Educational Excellence- by University of Illinois and Urbana Champaign, 2013, Train the Trainer program 1 & 2 by Dale Carnegie, Customer Relationship Management, Faculty Development program by L&T.
3	Conferences	<p>Session Chair for:</p> <ul style="list-style-type: none"> <li>• Post Graduate Conference organized at Matoshree college of engineering, Nasik.</li> <li>• International Conference RACEM 2019</li> <li>• International Conference in December 2019 organized by PVPP COE</li> <li>• Kaynote Speaker for National Seminar on “Emerging trends in Data Science and Machine Learning” organized by Changu Kana Thakur Arts, Commerce &amp; Science College, New Panvel (Autonomous) funded by RUSA.</li> <li>• Guest of Honor and Keynote Speaker for International Conference on “Recent Advances in Deep Learning” organized by Shri Vishnu Engineering College for Women.</li> </ul> <p>Reviewer for:</p> <ul style="list-style-type: none"> <li>• International conference organized by VIT in April 2014</li> <li>• International Conference organized by Sabu Siddik college of Engineering in April 2014</li> <li>• International conference organized at Kochi ICACCI 2015</li> <li>• International conference organized at Jaipur ICACCI 2016</li> <li>• International Conference on Computer Engineering and Information System CEIS2016</li> <li>• Technical committee and reviewer CSMA(Computer Science and Mechanical Automation) 14-16 October 2016 , China 2016</li> <li>• Technical committee and reviewer WCASET 29-30 December ,Goa 2016, 2017 and 2018.</li> <li>• RACEM 2016 and 2019 at VIT, Mumbai.</li> <li>• Member of National Advisory board for ICUC-17, SCOE, Pune, June 2017</li> <li>• International conference organized at Karnataka ICACCI 2017</li> </ul>

No.	Type	Areas covered with details
		<ul style="list-style-type: none"> <li>• And Technical Committee member for International Symposium on Computer Science and Intelligent Controls (ISCSIC), October 2017, at Budapest, Hungary</li> <li>• And Technical Committee member in ISCSIC 2019, 2020, 2021 Hongkong</li> <li>• ICNISC 2019, Wuhan, China</li> <li>• International Conference on Recent Challenges in Engineering and Technology 2019</li> <li>• Conference on Recent Trends in Automation (ICRTA-2018)</li> <li>• International Conference on Advances in Information Technology and Research organized by VIT, Mumbai in June 2021</li> </ul> <p>and many more.</p>
4	Journals	<p>Reviewer for:</p> <ul style="list-style-type: none"> <li>• Inderscience Publishers (Journals)</li> <li>• Journal of Intelligent Systems</li> <li>• IEEE Access</li> <li>• Journal of Big Data Intelligence and Applications by IGI Global</li> <li>• Journal of Advances in Technology and Innovation</li> <li>• Computer Methods in Biomechanics and Biomedical Engineering.</li> <li>• Advances in Science, Technology and Engineering Systems Journal (ASTESJ)</li> </ul> <p>Guest editor for:</p> <ul style="list-style-type: none"> <li>• Advances in Wireless Communication and Network, Science Publishing group</li> </ul>
5	Seminars	AWS cloud Tour 2011, EMC Forum 2011 and 2013, Oracle Forum 2013, EMC2-PIVOTE 2012, EMC2-Confluence 2014
6	University Course Development and Research Advisory Committee	<ul style="list-style-type: none"> <li>• Part of syllabus setting committee for revised syllabus from 2012. Developed syllabus for Web Programming for Semester 4 INFT, Advanced Web Technology Semester 6 INFT and Software Architecture Semester 7 INFT</li> <li>• Conducted orientation lecture for all faculties for the subject Web Programming in K.C. College of Engineering.</li> </ul>



No.	Type	Areas covered with details
		<ul style="list-style-type: none"> <li>• Part of Syllabus Setting for revised syllabus of 2016 of Mumbai University.</li> <li>• Part of Syllabus Setting for Revised syllabus of 2020 of Mumbai University.</li> <li>• Expert for Syllabus revision in Autonomous institute K.J. Somaiya institute of Engineering and Information Technology, Sion, Mumbai.</li> <li>• Member of Research Advisory Committee of Department of Computer Science and Information Technology of CSMU, Mumbai.</li> <li>• Member of Advisory Board of INFT department of Vidyalankar Institute of Technology, Mumbai.</li> </ul>
7	Awards	<ul style="list-style-type: none"> <li>• Best Paper award for the paper presentation in 7th International Conference on Computing, Engineering and Information Technology (ICCEIT 2017) organized by The World Academy of Research in Science and Engineering in August 2017.</li> <li>• Silver Medal for the NPTEL course on “Deep Learning Part 1”</li> </ul>

### c. Grants Received

Grants Received	<ul style="list-style-type: none"> <li>• Rs. 5 Lac Grant towards conducting two weeks AICTE sponsored STTP on “Virtualization, Cloud Computing and Big Data”</li> <li>• Rs. 3 Lac Grant towards conducting one week AICTE-ISTE sponsored STTP on “Open Data Science and IoT”</li> <li>• Rs 50,000 grant received from AICTE towards organizing International Conference titled “International Conference on Advances in Information Technology and Research”.</li> <li>• Rs 20,000 grant towards research project in “Security in Cloud Computing” from Mumbai University</li> <li>• Rs. 48,000 grant towards one day workshop in “Skilling Up For Mega Trends In IT –Cloud Computing, Big Data” from EMC2</li> </ul>
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## 6. Publications

### a. Papers

More than 50 publications in various International Conferences and Journals. 25 publications are listed in SCOPUS and 13 Publications are in Web of Science. For more details visit Google Scholar link:

<https://scholar.google.co.in/citations?user=F7qh-GUAAAAJ&hl=en>

### b. Books

- i. “Data Warehousing and Data Mining”, Varsha Bhosale and Deepali Vora, Dreamtech Press India Pvt. Limited., ISBN: 9789351199120, 2016
- ii. “Data Warehousing & Mining”, Varsha Bhosale and Deepali Vora, Dreamtech Press India Pvt. Limited. , ISBN:9789351199168,2016
- iii. “Paradigms and Computer programming”, Dr. Deepali Vora, Anuja Gote, Sybgen Learning, <https://sybgenlearning.com/product/paradigms-and-computer-programming/>
- iv. “Machine Learning Projects”, Dr. Deepali Vora, Dr. Gresha Bhatia, BPB Publication – In process

### c. Book Chapters

- i. “Implementing a Deep Learning approach for the performance prediction in Educational Information System” approved in IGI Global Book titled “Deep Learning Applications and Intelligent Decision Making in Deep Learning(190819-041207)”
- ii. “Deep Learning in Engineering Education for Performance Prediction using Cuckoo-based Hybrid Classification” Approved in IGI Global Book titled “Machine Learning and Deep Learning in Real-Time Applications (161019-055311)” indexed by SCOPUS and Web of Science.

### d. Online Course Development

- i. Course on “Deep Learning” published with Unschool platform. <https://unschool.in/courses/deep-learning/>

### e. Blog Writing

- i. “Top 12 Python packages for learning”, <https://www.knowledgehut.com/blog/programming/python-packages-for-machine-learning>, published on 04 May 2021
- ii. “Why should you start a career in Machine Learning”, <https://www.knowledgehut.com/blog/data-science/career-in-machine-learning>, published on 10<sup>th</sup> May 2021