

## Dr. Ranjit M. Gawande

Garden County, Behind Jatra Hotel,

Adgaon Shivar, Nashik, 422003

Email [ranjit.gawande@matoshri.edu.in](mailto:ranjit.gawande@matoshri.edu.in)



### Professional Objective:

To secure a challenging position in a reputable organization to expand my learning, knowledge, and skills.

### Academic Details :

- Doctorate in Computer Engineering, under the guidance of Dr. V.H. Pati from Savitribai Phule Pune University. Research Centre Matoshri College of Engg & R. C. Nashik.
- Master of Computer Engineering from Sant Gadge Baba Amravati University, Amaravati
- Bachelor of Computer Science & Engineering from SGGGS Institute of Engineering and Technology, Nanded

### Employment Details:

<b>Teaching Experience:</b>	<b>21 Years</b>
<b>Current Designation</b>	Asst. Prof. (Department of Computer Engineering)
<b>Name of Employer:</b>	Matoshri College of Engineering and Research Center, Nashik
<b>Date of Joining: (current institute)</b>	1st February 2010
<b>Earlier Employment Record</b>	9 years of teaching experience as a Lecturer and Assistant Professor at Department of Computer Engineering, Smt. Indira Gandhi College of Engineering Navi Mumbai, Vasantdada Patil College of Engineering Sion Mumbai, and K. K. Wagh Institute of Engineering Education and Research, Nashik
<b>U.G. &amp; P.G. Teacher</b>	<ul style="list-style-type: none"><li>• Computer engineering PG Teacher Recognition obtained from Savitribai Phule Pune University, approved PG recognition no BUTR/ENGG/15/270/13-4-2017. Approved UG Teacher with Ref. Number CCO/1787, W.e.f. 01/12/2010</li><li>• Working as a P.G Coordinator for the Masters in Computer Engineering course at Matoshri college of engineering research center Nashik affiliated with Savitribai Phule Pune University.</li></ul>
<b>Research Domain</b>	Machine Learning, Data Mining
<b>Awards:</b>	<ul style="list-style-type: none"><li>• Recipient of appreciation certificate for 100% result in Machine Learning, 2018</li><li>• Recipient of appreciation certificate for 100% result in Data Analytics, 2018</li></ul>
<b>Honors</b>	<ul style="list-style-type: none"><li>• Served as Member, Selection Committee, Member Local Selection Committee, Examination Committee at SPPU</li><li>• Served as member of designing curriculum of data structure and algorithm</li><li>• Served as Asst. CAP Director for second year engineering examination</li><li>• Served as Administrator for online examination of SPPU</li><li>• Served as External examination supervisor for engg. examination.</li><li>• Served as Senior supervisor for engg. examination</li><li>• Subject Chairman for the examination SE 2012 Course Paper-Data Structure &amp; Problem-Solving (210242)</li><li>• Subject Chairman for the examination TE 2012 Paper-Computer Networks (310251)</li><li>• Subject Chairman for the examination M.E.2017 Course Fault Tolerant Systems (610101)</li></ul>
<b>Bodies at Affiliated University Savitribai Phule Pune University</b>	
<b>Copyright</b>	<ul style="list-style-type: none"><li>• Registered copyright for "Data Mining &amp; ML based prediction system for GDM" , Registration Number: L-79236/2018.</li></ul>
<b>Association with</b>	<ul style="list-style-type: none"><li>• Professional Member of Association of Computing Machinery, ACM-1708656</li></ul>

<b>Professional Societies (07)</b>	<ul style="list-style-type: none"> <li>Working as an SBC (students branch counselor) for CSI F-8002285</li> <li>Associate member of the Institution of Engineers, AM171083-7</li> </ul>
<b>Association with Conferences and Journals</b>	<ul style="list-style-type: none"> <li>Served as member of the Program Committee, Reviewer, and Session Chair for various National and International Journals and Conferences.</li> </ul>
<b>Contribution In Curriculum Development</b>	<ul style="list-style-type: none"> <li>Served as member of designing curriculum of data structure and algorithm</li> </ul>
<b>Invited Talks</b>	<ul style="list-style-type: none"> <li>Delivered Expert Talk on "Content Updating Program-Adv. JAVA", for the DTE sponsored Content Update Prog. at Shatabdi College of Engineering on 09/02/12</li> </ul>

### MOOC/ AICTE FDPs/ Certificate Courses

<b>NPTEL</b>	<ul style="list-style-type: none"> <li>Completed NPTEL online certification with Elite grade for the subject, "Python for Data Science"</li> <li>Completed NPTEL online certification with Elite grade for the subject, "Data Mining"</li> <li>Completed NPTEL online certification with Elite + Silver grade for the subject, "Designing Learner-Centric MOOCs"</li> <li>Completed NPTEL online certification with Elite grade for the subject, "Soft skills"</li> <li>Completed NPTEL online certification with Elite grade for the subject, "Introduction to R Software"</li> <li>Completed NPTEL online certification with Elite grade for the subject, "Introduction to Research"</li> <li>Completed NPTEL online certification with Elite grade for the subject, "Introduction to Internet of Things"</li> <li>Completed NPTEL online certification with Elite grade for the subject, "Introduction to Modern Application Development"</li> <li>Completed NPTEL online certification with 95% for the subject, "NATE"</li> </ul>
<b>Coursera</b>	<ul style="list-style-type: none"> <li>Completed Coursera online certification for the subject "Computer Vision"</li> <li>Completed Coursera online certification for the subject "Programming for Everybody with python"</li> </ul>

### Conferences/Workshop/Seminars/ STTP attended: 09 Conferences/Workshops Organized: 07

<b>Publications:</b>	<ol style="list-style-type: none"> <li>Ranjit Gawande, Dr. Varsha H. Patil, "A Comprehensive Review on Machine Learning Approaches for Prediction of Gestational Diabetes Mellitus", at doctoral symposium on natural computing research on 8th Aug 2020</li> <li>Rohini Gawale, Ranjit Gawande, "Interpretation of Confidentiality Policy for Uploaded Pictures on Content Sharing Sites" in Peer-Reviewed Journal of Advanced Research in Computer Graphics and Multimedia Technology Volume 2, Issue 2 – 2019, Pg. No. 15-18</li> <li>Ranjit Gawande, "Secure Mining of Association Rules in Horizontally Distributed Databases Using FDM and K&amp;C algorithm", 2014 International Journal of Emerging Trends &amp; Technology in Computer Science volume3 IJETTCS ISSN 2278-6856 page no 263</li> <li>Ranjit Gawande, "Privacy Preserving Association Rules Mining in Horizontally Distributed Databases Using FDM and K&amp;C algorithm".2014 IJEDR Volume 2 IJEDR ISSN: 2321-9939 page no 3334</li> <li>Ranjit Gawande, "Data hiding in Motion Vectors Of compressed Video Based on Prediction Error".2012 IJETAE volume 1 Issue 9 IJSRD ISSN (online): 2250-2459 page no 1726</li> <li>Ranjit Gawande, "An Anonymization Method Based Data Publishing Using Tradeo Function", 2014 IJDWM volume 2 Issue 6 ISBN:2249-2186 page no 4018</li> <li>Ranjit Gawande, "Data hiding in Motion Vectors of Compressed Video Based On their Associated Prediction Error" 2012 International Journal of Emerging Technology and Advanced Engineering, Volume 2, Issue 10, ISBN no 2250-2459 , Page no 286</li> <li>Ranjit Gawande, Deshmukh Pranjali," A Review on Prediction of Collective Behavior",2015, International Journal of Computer Science and Information Technologies, Volume 3, Issue 6, ISBN 0975-9646,ISSN 0975-9646, Page no</li> </ol>
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9. Ranjit Gawande, Deshmukh Prajali, "Prediction of Collective Behavior Using Edge Centric Clustering Technique", 2015, International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE), Volume 4, Issue 7, ISBN 2278-909X, Page no 1951

### Conferences / Workshops Organized

1. Served as treasurer for International Conference on "Contents, Computing and Communication 2019 (ICCCC-2019)".
2. Co-Convenor for International Conference on "Contents, Computing and Communication 2017 (ICCCC-2017)".
3. Coordinator for 4 days "Entrepreneurship Awareness Camp" Program in MCERC Nashik, September 2016
4. Coordinator for "ProjectMine2016" Project Competition for BE Projects at MCERC March 2016
5. Session Coordinator for computer Post Graduate Conference, cPGCON 2014
6. Organizing member for National Level workshop on "Content Based Image Retrieval" at MCERC in February 2014
7. Organizing member for State Level Seminar on "STL in C++" at MCERC in August 2013

### Conferences/Workshop/Seminars/ FDP/STTP Attended

1. Attended one week FDP on "Biopython" 27-04-2020 to 02-05-2020, Organized by IIT Spoken Tutorial and Sinhgad Institute of Tech & Sci. Pune
2. Attended one week National Level FDP on "R Programming", 11-05-2020 to 16-05-2020, Organized by IIT Spoken Tutorial and D. Y. Patil University Pune
3. Attended one day webinar on "Use of online resources in teaching – learning process" 20.05.2020, Organized by Department of Chemistry, Uka Tarsadia University, Gujarat
4. Attended 3 days webinar series on "Post Covid-19 Challenges in Engineering Education and Industry", 25-05-2020 to 27-05-2020. Organized by K.J. College of Engg & Mgmt Research, Pune
5. Attended one week FDP on "Data Processing and Data Visualization using Python", 26-05-2020 to 30-05-2020, Organized by ACM & Logic Unlock, In association with Priyadarshini College of Engineering Nagpur
6. Attended 2 days "National Level e-Entrepreneurship Conclave", 30-05-2020 to 31-05-2020, Organized by Sandip University and North Maharashtra University Jalgaon (KBCNMU)
7. Attended one week national level FDP on "R Programming", 20-05-2020 to 25-05-2020, Organized by IIT Spoken Tutorial and P.C.C.O.E Pune
8. Attended 2 days workshop on "Internet of Things", conducted by Inteli Demics IoT Innovation Centre in March 2017.
9. Attended 2 days workshop on "Android", conducted by Emerging Technologies Software in January 2017.
10. Attended 1 day workshop on "Paper and Proposal Writing Skills" conducted by ASDF in October 2015.
11. Attended 2 days workshop on "Guidance on Research Publications" in February 2015.
12. Attended 2 days workshop on "Effective Teaching skills" in Computer Engineering" in January 2015.
13. Attended Workshop on "Hadoop" by Prygma Information Systems in 2015.
14. Attended 8 days Workshop on "Research Methodology & Innovation at Sandip Institute of Technology and Research Centre, Nashik, November 2015.
15. Attended 2 Days workshop on "Content based Image Retrieval" at MCERC, Nashik in February 2014.
16. Attended 2 day Workshop on "Latex" at MCERC, Nashik, in December 2012.
17. Attended 10 days workshop on "Big Data Analytics", organized by Sandip Institute of Technology Nashik, 2<sup>nd</sup> May to 11<sup>th</sup> May 2016
18. Attended One Day Faculty Development Program on "Virtual Lab" at Sandip Institute of Technology, Nashik, 29<sup>th</sup> May 2018
19. Attended 3 days Faculty Development Program in association with Seed at MCERC, Nashik held in 2011.

### Resource Person

1. Served as a session chair for 10th postgraduate conference of Computer Engineering cPGCON- 2020 held AVCOE, Sangamner.
2. Served as a session chair for 6th postgraduate conference of Computer Engineering cPGCON- 2017 held at Sandip Institute of Technology and Research Centre, Nashik in March 2017.
3. Served as a session chair for 4th postgraduate conference of Computer Engineering cPGCON- 2015 held at Mumbai Education Trust, Nashik in March

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- 2015.
4. Served as a Reviewer for Computer PostGraduate Conference cPGCON2015 in MET, BKC Nashik
  5. Served as a Resource person in Matoshri Asarabai Polytechnic for the subject, “Linux Operating System” in 2016
  6. Served as a Judge for Avishkar-2012 –National Level Paper & Project Competition at SND College of Engineering Yeola , Nashik on 28/03/12
  7. Served as a Judge for Avishkar-2010 Zonal Project Competition, Pune University at MET/BKC College of Engineering, Nashik on 22/10/2010

#### **Weblinks:**

<b>Website</b>	<a href="https://engg.matoshri.edu.in/academics/computer">https://engg.matoshri.edu.in/academics/computer</a>
<b>LinkedIn</b>	<a href="https://www.linkedin.com/in/ranjit-gawande-a9698a100/">https://www.linkedin.com/in/ranjit-gawande-a9698a100/</a>
<b>Google Scholar</b>	<a href="https://scholar.google.com/citations?user=9oECtBYAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=9oECtBYAAAAJ&amp;hl=en</a>
<b>Google Blog</b>	<a href="https://ranjitgawande.blogspot.com">https://ranjitgawande.blogspot.com</a>