

## **Dr. MEERA.M. NARVEKAR.**

**Ph.D. (Computer Science and Technology)**

**Professor and Head  
(Department of Computer Engineering)  
D.J. Sanghvi College of Engineering.  
Member of Board of Studies, Ex-Senate Member.  
University of Mumbai.**



### **Vision and Objective**

*To help achieve the vision of the Institute by contributing in framing policies in best interest of faculty and students. Contribute in imparting to student's high quality outcome based education and developing state-of-the-art pedagogical methods which are in line with the ongoing technological developments, thus empowering them to serve the society and the nation.*

### **Educational Qualifications**

- \* **Ph.D. SNTD Women's University, Mumbai, India (2016).**
- \* **M.Tech (Computer Engineering) NMIMS University, Mumbai, India, 2008**
- \* **B.E. (Computer Science).D.Y. Patil College of Engineering, Shivaji University, Kolhapur, Maharashtra, India, 1999.**

### **Work Experience: 19 Years**

- \* **Working as Professor and Head in D.J. Sanghvi College of Engineering in Department of Computer Engineering from Jan 2020 till date.**
- \* **Worked as Professor and Head in D.J. Sanghvi College of Engineering in Department of Information Technology from July 2019 till Jan 2020.**
- \* **Worked as an Associate Professor and Associate Head in D.J Sanghvi College of Engineering in Computer Engineering Department from September 2016 December 2016.**
- \* **Worked as an Assistant Professor in D.J Sanghvi College of Engineering in Computer Engineering Department from July 2008 to August 2016.**
- \* **Worked a Lecturer in D.J Sanghvi College of Engineering in Information Technology department from July 2001 to June 2008.**
- \* **Worked as a Lecturer in Fr.Conceicao Rodrigues College of Engineering, Bandra in Computer Department from Jan 2001 to July 2001.**
- \* **Worked as a Lecturer in Watumull College of Engineering Worli, Mumbai in Computer Technology Department from August 1999 to June 2000.**

## **Responsibilities at University and Institute Level**

- **Appointed as Member of Board of Studies (Computer Engineering) University of Mumbai from July 2019.**
- **Appointed as Head of Information Technology from July 2019.**
- **Appointed as Associate Head, Department of Computer Engineering from September 2016.**
- **Member of expert committee appointed by University for proposed new college Credo University, Dahanu, March 2016.**
- **Member of continuation and extension of affiliation of professional colleges for Leelavati Awhad Institute of technology appointed by University (May 2014)**
- **Was elected a Member of the Senate, University of Mumbai**
- **Member of fact finding committee regarding Padmabhushan Vasantdada Patil Pratisthan's college of Engineering appointed by university (2013).**
- **Member of hospitality committee during NBA committee visit in Jan 2013.**
- **Member of Local Inquiry Committee appointed by University for MSG SGKM college of Arts, Science and Commerce (May 2010).**
- **Member of committee to monitor admission process (FYBA, FYBSC, FYBMM) in colleges between Dadar and Borivali area appointed by University (2009).**
- **Session Speaker at STTP "Writing Research Proposal" organized by SPIT Mumbai (November 2016).**
- **Member of college attendance committee 2016.**
- **Organizing committee DJASCII 2016.**
- **Organizing committee ICACTA March 2015.**
- **Chairperson of cultural committee of the college.**
- **Chairperson of Grievance committee of college.**
- **Paper setter for M.E –Advanced Operating Systems subject.**
- **M.E admission committee (2012-13,2013-14).**
- **M.E. class coordinator of Computer Department.**
- **Term Test coordinator for the Computer Department.**
- **Midterm co -Coordinator for the Computer Department.**
- **Member of NBA core committee (Computer Department)**
- **Appointed as member in monitoring committee of college for regularity and punctuality of lectures conducted.**
- **Appointed as member in examination core committee of college for smooth conduct of exam related activities (2009).**
- **Appointed as member to the Hon. Senate of University of Mumbai (2009-10)**
- **Appointed as member of admission supervision committee by University of Mumbai (2009).**
- **Project Coordinator in the IT department (2004-2007)**
- **Actively involved in organizing STTP on "Integrating Security and Software Engineering"**

organized by IT dept. from 09 June – 20 Jun 2008.

- Actively involved in organizing STTP on “Information Technology Orientation for Engineering Teachers” organized by IT dept. from Dec 19-30, 2005.
- Arranged Seminar on Linux in the department in 2005.

### Recognitions

- Recognized as PhD guide in Computer Engineering and Information Technology from University of Mumbai (September 2016).
- Recognized as teacher of University of Mumbai for Masters of Computer Engineering degree (Nov 2012).
- Appreciation from the SVKM management and incentive allowance for contribution made towards development of the institute from 1<sup>st</sup> November 2010.

### Professional Certification

- Certified Development Consultant SAP Net Weaver – ABAP Workbench Training through Genovate Solutions (I) Private Limited, Mumbai (June 2005).

### Research Grant

- Received minor research grant from University of Mumbai circular no. APD/ICD/2018-19/593 of 2019 dated 16 th March, 2019. For research project titled ‘Detection and classification of diseased plants’.

### Subjects taught

- Data Warehouse and Data Mining.
- E-Business Technology.
- Mobile Computing.
- Management Information Systems.
- Database Management Systems.
- Data Structures and Algorithms.
- Advanced Operating systems.
- Data Science.

### Publications

1. Saiqa Khan, Dr. Meera Narvekar, Mushrifah Hasan, Aqduş Charolia, Anam Khan "Application of Thermal Imaging for Monitoring Stress Detection in Tomato Plants". IEEE Second International Conference on Smart Systems and Inventive Technology (ICSSIT 2019) 978-1-7281-2119-2/19 Nov 2019.
2. Presented paper titled "A Roadmap to Realization Approaches in Natural Language Generation" 4th International Conference on Recent Advancements in Computer Communication and Computational Sciences, RACCCS 2019. Will be published in the Springer Book Series on "Ambient Communications and Computer Systems".
3. Meera Narvekar, Saiqa Khan, Muteeullah Shaikh, Bhunit Adivarekar, Praneeţ Bomma Misbah Sayyed. "Disorder Detection of Tomato Plant using IoT and Ensemble Techniques." AFITA/WCCA2018 conference 'Research Frontiers in Precision Agriculture', 24-26 October 2018, IIT Bombay Mumbai, Proceedings Research Frontiers in Precision Agriculture ISBN: 978-93-88237-13-0.
4. Dr. Meera Narvekar, Saiqa Khan "Survey of Techniques for disorder detection in Tomato (*Solanum Lycopersicum*)" IEEE International Conference on Intelligent Computing and Control Systems - ICCS 2018, Vaigai College of Engineering, Madurai, India.
5. Heena A. Chopade ; Meera Narvekar "Hybrid auto text summarization using deep Neural Network and fuzzy logic system" International Conference on Inventive Computing and Informatics (ICICI) 2017, ISBN 978-1-5386-4031-9.
6. Kiran Bhowmick, Meera Narvekar, Aqsa Bhimdiwala, Chandrasekhar Raman "CDACI: Concept Drift Detection and Adaptation to Classify Imbalanced Data streams", IEEE International Conference on Data Science and Analytics, Symbiosis University, Pune, 1st Dec 2018 – 2nd Dec 2018.
7. Kiran Bhowmick, Utsav B. Shah, Medha Y. Shah, Pratik A. Parekh, Meera Narvekar, "HECMI: Hybrid Ensemble technique for Classification of Multiclass Imbalanced data" .5th Springer International Conference on Information Systems Design and Intelligent Applications" ,19th-21st July, 2018 organized by Université des Mascareignes, Mauritius.
8. Kiran Bhowmick, Meera Narvekar "Learning to classify imbalanced data streams – issues and challenges." International Conference on electrical, electronics, computers, communication, mechanical and computing EECCMC – 2018, IEEE, Jan 2018.
9. Meera Narvekar and Kiran Bhowmick "Trajectory Outlier Detection for Traffic Events: A Survey". Proceedings of 2nd International Conference, ICICC 2017 Springer Nature Singapore Pte Ltd. 2018, Intelligent Computing and Information and Communication [https://doi.org/10.1007/978-981-10-7245-1\\_5](https://doi.org/10.1007/978-981-10-7245-1_5).

10. Meera Narvekar, Joylina Almeida "Review of techniques for data dissemination in broadcast environment." 2017 International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC) Pages: 538 – 541 ISBN .978-1-5090-3243-3/17/2017.
11. Meera Narvekar, Ancy Gonsalves, "A review of approaches for processing of queries in distributed mobile environment".2nd International Conference on Contemporary Computing and Informatics (IC3I), Noida India 2016. DOI: 10.1109/IC3I.2016.7918801 May 2017.
12. Meera Narvekar, Snehal Nayak and Debajyoti Mukhopadhyay, "Cooperative Caching Technique in Peer to Peer Mobile Environment". Proceedings of the IEEE 5th International Conference on System Modeling & Advancement in Research Trends November, SMART-2017. ISBN: 978-1-5090-3543-4.
13. Meera Narvekar, Snehal Nayak, and Jagdish Bakal," A Survey on Location Recommendation Systems" Springer Communications in Computer and Information Science (CCIS), ICACDS (2016).
14. Neha Mendjoge, Abhijit Joshi, Meera Narvekar; "Intelligent Tutoring System for Database Normalization", ICCUBEA, 2nd International Conference on Computing, Communication, Control and Automation, 12-13 August 2016. (Awarded as best paper). ISBN - 978-1-5090-3291-4.
15. Meera Narvekar,Snehal Nayak,Gaurav Prabhu,Nikul Brahmabhatt; "Survey of Location Prediction of Users for Mobile Services". Proceedings of International Conference of Innovations in Information Embedded and Communication Systems (ICIIECS 2016). 978-1-4673-8207-6.
16. Meera Narvekar, Snehal Nayak,"Real-Time Vehicle Navigation using Modified A\* Algorithm ". International Conference on Emerging Trends & Innovation in ICT (ICEI) Pune Institute of Computer Technology, Pune, India, Feb 3-5, 2017 978-1-5090-3404-8/17.
17. Meera Narvekar, Heena Mukadam, Debajyoti Mukhopadhyay; "Enhanced Data Dissemination in a Mobile Environment ", Proceedings of the International Conference on Data Engineering and Communication Technology, Advances in Intelligent Systems and Computing 468,2016. DOI 10.1007/978-981-10-1675-2\_61.
18. Meera Narvekar, Apurva Kulkarni, Debajyoti Mukhopadhyay; "Coherent Rule

Mining using ISR”; Proceedings of the International Conference on Data Engineering and Communication Technology, Advances in Intelligent Systems and Computing 468, 2016. DOI 10.1007/978-981-10-1675-2\_63.

19. Neha Mendjoge, Abhijit Joshi, Meera Narvekar; “Review of Knowledge Representation Techniques for Intelligent Tutoring System” Proceedings of the 3rd International Conference on “Computing for Sustainable Global Development”, 16th - 18th March, 2016. 978-9-3805-4421-2/16 2016 IEEE.
20. Meera Narvekar, Priyanca Fargose, Debajyoti Mukhopadhyay; “Weather Forecasting using ANN with Error Backpropagation Algorithm “. Proceedings of the International Conference on Data Engineering and Communication Technology, Advances in Intelligent Systems and Computing, DOI 10.1007/978-981-10-1675-2\_62.
21. Meera Narvekar, Lasha Bhansali Gesture Recognition to Make Umpire Decisions International Journal of Computer Applications (0975 – 8887) Volume 148 – No.14, August 2016. www.ijcaonline.org.
22. Priyanca Fargose, Meera Narvekar; “Daily Weather Forecasting using Artificial Neural Network”. International Journal of Computer Applications (0975 – 8887) Volume 121 – No.22, July 2015.
23. Meera Narvekar, Apurva Kulkarni, S.S.Mantha; “Comparative Study of Techniques to Improve Efficiency of Association Rule Mining” Proceedings of 4th International Conference on Advances in Computing, Communication and Control (ICAC3'15).
24. Khushali Deulkar, Meera Narvekar; “An Improved Memetic Algorithm for Web Search”, Proceedings of International Conference on Advanced Computing Technologies and Applications (ICACTA-2015) 1877-0509 © 2015 Elsevier B.V. doi: 10.1016/j.procs.2015.03.083
25. Meera Narvekar, Selifa Lopes, S.S.Mantha; “Study of comparative techniques for data dissemination in wireless environment”, Proceedings of International Conference on Advanced Computing Technologies and Applications (ICACTA-2015) 1877-0509 2015 Elsevier B.V. doi: 10.1016/j.procs.2015.03.083
26. Meera Narvekar, Shaikh Sakina Banu; “Predicting User’s Web Navigation Behavior Using Hybrid Approach” International Conference on Advanced Computing Technologies and Applications (ICACTA- 2015) 1877-0509 2015

Elsevier B.V. doi: 10.1016/j.procs.2015.03.083

27. Neelmay Desai, Meera Narvekar "Normalization of Noisy Text Data", 12th International Conference on Advanced Computing Technologies and Applications (ICACTA-2015) 1877-0509 © 2015 Elsevier B.V. doi: 10.1016/j.procs.2015.03.083.
28. Meera Narvekar, Heena Mukadam, S.S. Mantha; "Comparison of Broadcast Scheduling Techniques in Mobile Computing Environment". Proceedings of International Conference on Advanced Computing Technologies and Applications (ICACTA-2015) 1877-0509 © 2015 Elsevier B.V. doi: 10.1016/j.procs.2015.03.083
29. Meera Narvekar, Shafaque Fatma Syed; "An optimized algorithm for association rule mining using FP tree". Proceedings of International Conference on Advanced Computing Technologies and Applications (ICACTA- 2015) 1877-0509 2015 Elsevier B.V. doi: 10.1016/j.procs.2015.03.083
30. Hiral Modi, Meera Narvekar; "Enhancement of online web Recommendation system using a Hybrid clustering and pattern Matching approach". Proceedings of International Conference on Nascent Technologies in the Engineering Field (ICNTE-2015)
31. Syed Shafaque Fatma, Meera Narvekar "A comparative study on the algorithms for data privacy and security in cloud computing". International Journal of Scientific & Engineering Research, Volume 5, Issue 4, April-2014 482 ISSN 2229-5518.
32. Khushali Deulkar, Meera Narvekar; "Study of Various Methods based on Evolutionary Algorithm for Information Retrieval in Web Mining". Proceedings of International Conference in Emerging Trends in Technology and Its Application (ICETTA 2014).
33. Akriti Agarwal, Shailey Chheda, Krima Shah, Meera Narvekar; "Content Extraction Using Document Object Model and Natural Language Processing for Web" IASET; International Journal of Computer Science and Engineering (IJCSSE) ISSN(Print):2278-9960; ISSN(Online): 2278-9979.
34. Sagar Bhuta, Avit Doshi, Uchit Doshi, Meera Narvekar; "A Review of Techniques for Sentiment Analysis Of Twitter Data". Proceedings of International Conference on Issues and Challenges

in Intelligent Computing Techniques (ICICT-2014), 978-1-4799-2900-9/14 ©2014  
IEEE

35. Bhavdeep Mehta, Meera Narvekar; "A Novel Approach For Web Content Extraction Using DOM Tree". Proceedings of International Conference on Advances in Computing and Information Technology ICACIT 2014 ELSEVIER – RGIT, Mumbai
36. Bhavdeep Mehta and Meera Narvekar; "An Approach for Web Content Extraction Using DOM Tree" Journal of Computing Technologies ISSN: (2278 – 3814) / # 7 / Volume 3 Issue 2.
37. Shaikh Sakina, Meera Narvekar, Bhavdeep Mehta; "Improvise Apriori Algorithm for efficient information retrieval" International Conference on Recent Trends in Computers and Electronics Engineering (ICERTCEE'14). Page 89-93 Copyright 2010 ACM 1-58113.
38. Syed Shafaque Fatma, Meera Narvekar; "A comparative study of algorithms for data privacy and security in Cloud Computing". International Journal of Scientific and Engineering Research (IJSER), volume 5, issues 3 2014 edition ISSN no. – 22295518.
39. Meera Narvekar, Hiral Modi; "A Comparative Study of Various Page 'Ranking Algorithms" International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181 Vol. 3 Issue 1, January 2014.
40. Meera Narvekar, S.S.Mantha, Ayesha Kazi,Zinnia Khatib, Sonal Shah, "Optimization of data allocation for mobile value added services". Proceedings of ICAC3 2013 CCIS 361, Springer –Verlag Heidelberg 2013.
41. Meera Narvekar, Rashmi RaviKumar, S.S.Mantha; "Algorithm for personalization of Mobile value added Services". Proceedings of International Conference CUBE Pune Sept 2012. ACM international conference proceedings ISBN 978-1-4503-1185-4.
42. Meera Narvekar, S.S.Mantha; "Personalized predictive Model for Mobile Value Added Services" .Proceedings of ICACII 2012, Taiwan. 978-1-61275-004-0/10 - 2012 IERI.
43. Meera Narvekar, Rashmi Ravikumar; "Value added services in M-Commerce: Findings from a survey" in National level conference on Effects of Globalization



on India's service Sector Jan 2012 NM College Mumbai.

44. Meera Narvekar, Rashmi Ravi Kumar; "Strategic role of context and Personalization in M-commerce". Proceedings of International Conference on Global Recession: Management and Strategies University of Mumbai 23-24 Feb 2009.
45. Meera Narvekar; "A Novel Intelligent State Based Agent frame work for e learning ", 43rd IATE in the Proceedings of International conference on teacher education and ICT-Dec2009 University of Mumbai.
46. Meera Narvekar, Rashmi Ravikumar; "Strategies for Churn Analysis based on Customer Value in Telecom Industry" In the Proceedings of International Conference on Global Recession: Management and Strategies University of Mumbai 23-24 Feb 2009.
47. Meera Narvekar, S.S. Mantha; "Adaptable Architecture for Mobile Learning". Proceedings of the 6th WSEAS International Conference on Engineering Education. Greece. Pages 64-67. ISBN: 978-960-474-100-7.
48. Meera Narvekar; "Quality Assurance in E-learning using SPICE framework" National Conference University of Mumbai (23-24 March 2009).
49. Meera Narvekar; "ERP: Origin, Development and Trends in perspective "NCICT Mumbai 2008.
50. Meera Narvekar; "GPS/GPRS based In Vehicle Navigation System "Meera Narvekar NCICT Mumbai 2008 .

### Projects /Research Guided

Ph.D	: 04 (pursuing)
Postgraduate	: 18
Undergraduate	: 56

### Personal Details

Full Name	: Meera Milind Narvekar.
Date of Birth	: 2 <sup>nd</sup> October 1976.
Address	: B/401 Jagmagia Centre, Nahar Nagar, Liberty Garden, Malad (West) Mumbai 400064.

**Marital Status** : Married.  
**Languages known** : English, Marathi, Hindi, Gujarati.  
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**Dr. Meera. M. Narvekar**