Name of Teaching Staff	:	DR.MEERA NARVEKAR	
Designation Designation			
Department		PROFESSOR AND HoD (COMPUTER ENGINEERING)	
T. V. V. V.			
Date of Joining the	:	COMPUTER ENGINEERING	
Institution Email ID	:	26/07/2001	
Office Contact		Meera.narvekar@djsce.ac.in 02226107010	
Office Contact	:		
Google Scholar Link	:	https://scholar.google.com/citations?hl=en&user=6waoVXoAAAAJ	
Researchgate Link:		https://www.researchgate.net/profile/Meera-Narvekar	
ORCID		0000-0003-4602-4094	
Publons Researcher ID	:	https://publons.com/researcher/4925939/meera-narvekar/	
Qualifications with Class / Grade	:	PhD (Computer Science and Technology)	
Total Experience in Years	:	22	
-			
Papers Published in Journal:	:	"Kurup L., Narvekar M., Sarvaiya R., Shah A. (2021) Evolution of Neural	
Tapers I donished in Journal.	•	Text Generation: Comparative Analysis." In: Bhatia S.K., Tiwari S., Ruidan	
	S., Trivedi M.C., Mishra K.K. (eds) Advances in Computer, Com and Computational Sciences. Advances in Intelligent Systems and vol 1158. Springer, Singapore. https://doi.org/10.1007/978-981-15		
		"A cluster and label approach for classifying imbalanced data streams in the presence of scarcely labeled data", (2021), International Journal of	
		Business Intelligence and Data Mining, Inderscience Journal. Accepted	
		(SCOPUS)	
		"Concept Drift Detection and Adaptation using Adaptive Window and	
		Statistical Testing in Data Streams ", (2021), Turkish Journal of Computer and Mathematics Education (TURCOMAT). Accepted.	
		(. 5.15 - 1.7. / 1.55 - 1.6. / 1.7. /	
		"A Semi-Supervised clustering based classification model for classifying	
imbalanced data streams in the presence of scarcely labele			
		Bhowmick, K. and Narvekar, M. (2020), International Journal of Business Intelligence and Data Mining, Inderscience Journal. IJBIDM Vol 20 No 2 2022,	
		DOI: 10.1504/IJBIDM.2022.10034300 (SCOPUS)	

Kiran Bhowmick, Meera Narvekar "preCDACI: Prequential learning based Concept drift Detection and Adaptation for Classification of Imbalanced data streams", (2020) in International Journal of Advanced Science and Technology, International Journal of Advanced Science and Technology, 29(3), 14275 - 14283 (SCOPUS)
Kiran Bhowmick, Meera Narvekar "A Comprehensive Study and Analysis of Semi Supervised Learning Techniques", in International Journal of Engineering Research & Technology, ISSN: 2278 – 0181, Issue. 11, November – 2019. https://www.ijert.org/a-comprehensive-study-and-analysis-of-semi-supervised-learning-techniques
Dr.Meera Narvekar,Kiran Bhowmick "A comphrensive study and analsyis of semi supervised learning techniques "International Journal of Engineering Research and Technology 2019-20
Khan, Saiqa; Narvekar, Meera; Joshi, M.S. "MF-SE-RT: Novel transfer Learning method for the identification of Tomato disorders in realworld using dilated multiscale feature extraction" DOI:ISSN: 2210-142X Date: 2021-08-18 International Journal of Computing and Digital Systems
Meera Narvekar, Maharukh Syed, "A Decision Support System for predicting socially depressed users using Bidirectional Encoders Representations from Transformers (BERT)" Journal of University of Shanghai for Science and Technology ISSN: 1007-6735 Volume 23, Issue 3, March – 2021 D.O.I - 10.51201/Jusst12674 http://doi.org/10.51201/Jusst12674
Meera Narvekar,Saiqa Khan "Novel fusion of color balancing and super pixel based approach for detection of tomato plant diseases in natural complex environment". https://doi.org/10.1016/j.jksuci.2020.09.006 ISN 304614) Meera Narvekar,Saiqa Khan "Novel fusion of color balancing and super pixel based approach for detection of tomato plant diseases in natural complex environment". https://doi.org/10.1016/j.jksuci.2020.09.006 ISN Journal publicationJp(http://www.sciencedirect.com/science/article/pii/S1319157820 304614)
Meera Narvekar, Lesha Bhansali "Gesture Recognition to Make Umpire Decisions" International Journal of Computer Applications (0975 – 8887) Volume 148 – No.14, August 2016.www.ijcaonline.org.
Priyanca Fargose, Meera Narvekar; "Daily Weather Forecasting using Artificial Neural Network". International Journal of Computer Applications (0975 – 8887) Volume 121 – No.22, July 2015

	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.
	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 (IJCSE) ISSN(Print):2278-9960; ISSN(Online): 2278-9979.
	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.
	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.
	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.
Papers Presented in Conferences	Kurup L., Narvekar M., Sarvaiya R., Shah A. (2021) Evolution of Neural Text Generation: Comparative Analysis. In: Bhatia S.K., Tiwari S., Ruidan S., Trivedi M.C., Mishra K.K. (eds) Advances in Computer, Communication and Computational Sciences. Advances in Intelligent Systems and Computing, vol 1158. Springer, Singapore. https://doi.org/10.1007/978-981-15-4409-5_71
	D. V. Savla, A. N. Parab, K. Y. Kekre, J. P. Gala and M. Narvekar, "IoT and ML based Smart System for Efficient Garbage Monitoring: Real Time AQI monitoring and Fire Detection for dump yards and Garbage Management System," 2020 Third International Conference on Smart Systems and Inventive Technology (ICSSIT), 2020, pp. 315-321, doi: 10.1109/ICSSIT48917.2020.9214202. https://ieeexplore.ieee.org/document/9214202
	Maharukh Syed, Meera Narvekar, "Early Detection of Depression Indication from Social Media Analysis" Open Access ITM Web Conf. Volume 40, 2021 International Conference on Automation, Computing and Communication 2021 (ICACC-2021) Article Number 03029 Number of page(s)5 Section Computing DOI https://doi.org/10.1051/itmconf/20214003029 Published online 09 August 2021

S Khan, M Narvekar, T Fansupkar."Shadow Removal using Multi-Channel Binarization, Color-Line Clustering and Illumination Estimation "2021 International Conference on Nascent Technologies in Engineering (ICNTE 2021) . 978-1-7281-9061-7/21/\$31.00 ©2021 IEEE ieeexplore.ieee.org
F.Kasmani, R. Maniyar and M. Narvekar, "Content Based Search Engine for E- Books," 6th International Conference on Advanced Computing and Communication Systems(ICACCS), Coimbatore,India,2020,pp 528-533, doi: 10.1109/ICACCS48705.2020.9074224
Lakshmi Kurup and Meera Narvekar, "A Roadmap to Realization Approaches in Natural Language Generation" 4th International Conference on Recent Advancements in Computer Communication and Computational Sciences, RACCCS 2019. © Springer Nature Singapore Pte Ltd. 2020 YC. Hu et al. (eds.), Ambient Communications and Computer Systems, Advances in Intelligent Systems and Computing 1097, https://doi.org/10.1007/978-981-15-1518-7_18
Dharmil Khandhar; Raj Parekh; Meera Narvekar "Orion - A Novel Programming Platform for Honing Logical Abilities" 6th International Conference on Advanced Computing and Communication Systems (ICACCS) March 2020 IEEE 10.1109/ICACCS48705.2020.9074433
Saiqa Khan, Dr. Meera Narvekar, Mushrifah Hasan, Aqdus 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.
Meera Narvekar ,Kiran Bhowmick, "CDACI: Concept Drift Detection and Adaptation to Classify Imbalanced Data streams", International Conference on Data Science and Analytics, Symbiosis University, Pune, 1st Dec 2018 – 2nd Dec 2018, IEEE 2018 https://ieeexplore.ieee.org/abstract/document/8745380
Meera Narvekar, Kiran Bhowmick "HECMI: Hybrid Ensemble technique for Classification of Multiclass Imbalanced data" 5 th International Conference on "Information Systems Design and Intelligent Applications" held during 19th-21st July, 2018 organized by Universitè des Mascareignes, Mauritius, Springer published in Information Systems Design and Intelligent Applications, Springer DOI: 10.1007/978-981-13-3338-5_11 https://link.springer.com/chapter/10.1007/978-981-13-3338-5_11

Meera Narvekar, Saiqa Khan, Muteeullah Shaikh, Bhumit Adivarekar, Praneet 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.
Meera Narvekar .Kiran Bhowmick, "Learning to classify imbalanced data streams – issues and challenges", International conference on electrical, electronics, computers, communication, mechanical and computing EECCMC – 2018, IEEE, Jan 2018.
S. Khan and M. Narvekar, "Survey of Techniques for Disorder Detection in Tomato(Solanum Lycopersicum)," 2018 Second International Conference on Intelligent Computing and Control Systems (ICICCS), 2018, pp. 1853-1858, doi: 10.1109/ICCONS.2018.8662933.
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 Universite des Mascareignes, Mauritius.
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.
Meera Narvekar ,Kiran Bhowmick "Trajectory outlier detection for traffic events: A survey", Intelligent Computing and Information and Communication Proceedings of 2nd International Conference, ICICC 2017, Advances in Intelligent Systems and Computing, Springer ISSN 2194- https://doi.org/10.1007/978-981-10-7245-1 , August 2017
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.
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.

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.
Meera Narvekar, Ancy Gonsalves, "A review of approaches for processing of queries in distributed mobile environment".2 nd International Conference on Contemporary Computing and Informatics (IC3I), Noida India 2016. DOI: 10.1109/IC3I.2016.7918801 May 2017.
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.
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.
Narvekar M., Nayak S., Bakal J. (2017) "A Survey on Location Recommendation Systems." (eds) Advances in Computing and Data Sciences. ICACDS 2016. Communications in Computer and Information Science, vol 721. Springer, Singapore. https://doi.org/10.1007/978-981-10-5427-3_1
Neha Mendjoge, Abhijit Joshi, Meera Narvekar; "Intelligent Tutoring System for Database Normalization", ICCUBEA, 2 nd International Conference on Computing, Communication, Control and Automation, 12-13 August 2016. (Awarded as best paper). ISBN - 978-1-5090-3291-4.
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.
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.

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.
Neha Mendjoge, Abhijit Joshi, Meera Narvekar; "Review of Knowledge Representation Techniques for Intelligent Tutoring System" Proceedings of the 3 rd International Conference on Computing for Sustainable Global Development, 16th - 18th March, 2016. 978-9-3805-4421-2/16 2016 IEEE.
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_622017
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).
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
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
Meera Narvekar, Shaikh Sakina Banu; "Predicting User's Web Navigation Behavior Using Hybrid Approach" International Conference on Advanced Computing Technologies and Applications (ICACTA- 2015) 1877-05092015 Elsevier B.V. doi: 10.1016/j.procs.2015.03.083
Neelmay Desai, Meera Narvekar "Normalization of Noisy Text Data", 12 th International Conference on Advanced Computing Technologies and Applications (ICACTA-2015) 1877-0509 © 2015 Elsevier B.V. doi: 10.1016/j.procs.2015.03.083.

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
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
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) volume: 978-1-4799-7263-0/15/2015 IEEE
B. Mehta and M. Narvekar, "DOM tree based approach for Web content extraction," 2015 International Conference on Communication, Information & Computing Technology (ICCICT), 2015, pp. 1-6, doi: 10.1109/ICCICT.2015.7045706.
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).
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
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
Shaikh Sakina, Meera Narvekar, Bhavdeep Mehta; "Improvised 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.

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 – Verilag Heidelberg 2013.			
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.			
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.			
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.			
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.			
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.			
Meera Narvekar; "A Novel Intelligent State Based Agent frame work for Elearning", 43rd IATE in the Proceedings of International conference on teacher education and ICT-Dec2009 University of Mumbai.			
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.			

	Meera Narvekar; "Quality Assurance in E-learning using SPICE framework" National Conference University of Mumbai (23-24 March 2009).		
	Meera Narvekar; "ERP: Origin, Development and Trends in perspective "NCICT Mumbai 2008.		
	Meera Narvekar; "GPS/GPRS based In Vehicle Navigation System NCICT Mumbai 2008 .		
Area of Specialization	 Innovative Product Design Data Science Business Analytics Mobile Computing. Management Information Systems. Advanced Database Systems. Advanced Operating systems. 		
PhD Guide ? Give field & University	: Field: Computer Engineering Information technology Mumbai University		

PhDs / Projects Guided	:	PhDs:	Improvising learning for classification of imbalanced data in
-			data streams(completed)
			This research focusses on the problem of imbalanced data in data
			streams. The data streams are considered to be non-stationary and
			hence are susceptible to concept drift. When considering data
			streams, the data is not always fully labeled. In the absence of fully
			labeled data traditional learning algorithms are unable to achieve
			good accuracy. This research focusses on the problem of scarcely
			labeled, imbalanced and non-stationary data streams. The research
			aims it improving the accuracy and recall for the data by proposing
			a semi-supervised learning framework that learns from imbalanced
			scarcely labeled non-stationary data.
			Design of an AI based Learning Environment for English
			Punctuation.(In Progress)
			This research focuses on design of an Intelligent Tutoring Systems
			(ITSs) that can provide an effective and adaptive learning of basics
			of English punctuation and which also helps the tutors to evaluate the thought processes of a learner to estimate what kind of help
			they need at that moment of time.
			Considering the age (8-12 yrs.) of the target audience, the system
			has to aim to teach the constituents of the sentence (noun, pronoun,
			adverb, adjective etc.) and thereby guiding the students to properly
			punctuate the sentence.
			Automatic Detection and Classification of Solanum
			Lycopersicum(Tomato) Diseases using Machine Learning. (In
			progress)
			The focus of this research is to provide with latest technological
			assistance to farmers for Tomato disease detection and to know the
			correct severity level in order to find correct cause of disease
			(disease quantification)
			It is the winner at First position at Avishkar (Research Convention
			organized by University of Mumbai 2020-21))
		Projects at	18 successfully completed
		Masters level:	
	1	l	

Books Published / IPRs / Patents	:	Books (Editors for conference Proceedings on Springer)	Ramchandra Mangrulkar, Antonis Michalas, Narendra Shekokar, Meera Narvekar, Pallavi Chavan, "Design of Intelligent Applications using Machine Learning and Deep Learning" published by Taylor and Francis, CRC Press. [Design of Intelligent Applications using Machine Learning and Deep Lea (routledge.com), ISBN:9780367679798] Advanced Computing Technologies and Applications Proceedings of 2nd International Conference on Advanced Computing Technologies and Applications—ICACTA 2020 Editors: Hari VasudevanAntonis MichalasNarendra ShekokarMeera Narvekar ISBN: 978-981-15-3242-9
Professional Memberships	:		ISTE IEEE
Grants fetched	:	Minor Research Grant (University of Mumbai)	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'.
Interaction with Professional Institutions	:	Guest Lectures: Other Achievements and	Invited speaker for workshop on Research Methodology in SPIT 2019 Board of Studies member at University of Mumbai
		Responsibilities:	Ex Senate Member (University of Mumbai)
Subjects Taught			VM, Software Engineering, Management Information Systems, ta Science, Advanced Algorithms

Projects Guided	:	UG Level: 50+	
		PG Level: 16	
Recommended Students for Higher Education			University/Industry 50+
Tagnor Zuurunon		10 10 10 10 10 10 10 10 10 10 10 10 10 1	University of Purdue ,Illonois,ucla,nyu,uk
Institute/Department		HoD Donortmont O	f Computer Engineering
Responsibility handled:		HoD Department Of Computer Engineering Earlier HoD Department of Information Technology	
Pedagogy Development		Collaborative, Integrative, Reflective and Inquiry Based Learning	