

COMPUTATIONAL LINGUISTICS LAB

Book and Paper Publication Details

Sr. No.	Authors	Title	Book/Research paper Publication details	Year
1.	Sheetal Sonawane Parikshit Mahalle	Foundations of Data Science Based Healthcare Internet of Things	Book: Springer, Brief series. ISBN: 978-981-33-6460-8	2021
2.	Sheetal Sonawane Parikshit Mhahalle Archana Ghotkar	Information Retrieval and Natural Language Processing A Graph Theory Approach	Book: Springer, Big Data series, ISBN: 978-981-16-9995-5	2022
3.	Ghotkar, A., Gokhale, A., Malpure, D	Real-time Left- and Right-Hand Detection for Sign Language Recognition	In Proceedings of International Conference on Computational Intelligence, Data Science and Cloud Computing. Springer, Singapore,	2021
4.	Sumit Shinde, Archana Ghotkar,	Study and Survey of Depression Analysis and Prediction in Perspective of Machine Learning Approach	International conference on Cybernetics, cognition, and Machine Learning Approach, Springer	2021
5.	Kanchan Nachani, Archana Ghotkar,	Age and Gender estimation through Deep learning: CNN”,	2021 Conference on Technologies for Future Cities (CTFC 2021), Bombay Section Computer Society of India - Bombay Chapter Pillai College of Engineering, 9 th Oct 2021	2021
6.	Udait barade, Archana Ghotkar,	Sign Language Recognition-A Survey of Techniques	‘International Journal of Recent Technology and Engineering (IJRTE)’, ISSN: 2277- 3878 (Online), Volume-9 Issue-2, July 2020. Page No.:854-857.	2020
7.	Shruti Chikalthankar, Archana Ghotkar,	Sign Language Generation - A survey of techniques	International Journal of Innovative Technology and Exploring Engineering (IJITEE) Volume 9 - Issue 9, page 473-476. ISSN: 2278- 3075 (Online) July 2020 Edition	2020

8.	Udait barade, Archana Ghotkar ,	“An Indian Sign Language to American Sign Language Translator”,	International Journal of Current Engineering and Technology E-ISSN 2277 – 4106, P-ISSN 2347 – 5161 ©2021 INPRESSCO,FEB-21	2020
9.	Shruti Chikalthankar, Archana Ghotkar,	“An English text to Indian Sign Language Convertor	”, International Journal of Current Engineering and Technology E-ISSN 2277 – 4106, P-ISSN 2347 – 5161, Feb-21.	2020
10.	Reshma R. Nanadikar, A. S. Ghotkar, Anil Kumar Gupta	A Survey on Resource Management Algorithms in Cloud Computing	IJRECE, VOL. 7 ISSUE 2 (APRIL- JUNE 2019)	2019
11.	Reshma R. Nanadikar, A. S. Ghotkar, Anil Kumar Gupta	Reliable Workload Management based on Predictive Analysis and Characterization of Workload Resources in HPC	1st International Conference on Communication and Information Processing (ICCIP), by Springer,17th - 18th May, 2019.	2019
12.	Rutuja A. Kulkarni, Urmila S. Pawar	Sentiment Analysis in the community due to COVID-19 Pandemic by using Natural Language Processing	International Journal of Research and Analytical Reviews (IJRAR)	2022
13.	Rutuja A. Kulkarni, Urmila S. Pawar	Effects of Coronavirus Disease 2019 due to use of OSN [Abstract Accepted & Full chapter Submitted]	Book titled “ Artificial Intelligence, Machine Learning and User Interface Design ” by Bentham Science Publishers	2022
14.	Sumit shinde and Archana Ghotkar	Study and Survey of Depression Analysis and Prediction in Perspective of Machine Learning Approach	International conference on Cybernetics, cognition, and Machine Learning Approach, Springer, Presented in Aug,21(Publication in Springer series, process is in progress)	2021
15.	Sumit shinde and Archana Ghotkar	Emotion Detection Using Machine Learning Algorithms: A Multiclass Sentiment Analysis Approach	2nd International conference on Emerging Trends and ICT (ICEI-2022)	2021

16.	Pratiksha Sancheti, Nayan Sabnis, Keshav Kadam, Yash Rode & Pujashree Vidap	Interactive Learning Application for Indian Sign Language	Conference on Intelligent Sustainable Systems WorldS4 2021, Volume 2	2021
17.	Marathe, Aboli; Mandke, Aditya; Sardeshmukh, Srushti; Sonawane, Sheetal;	Leveraging Natural Language Processing Algorithms to Understand the Impact of the COVID-19 Pandemic and Related Policies on Public Sentiment in India	2021 International Conference on Communication information and Computing Technology (ICCICT)	2021
18.	Gupte, Athang; Sapre, Saumitra; Sonawane, Sheetal;	Knowledge Graph Generation From Text Using Neural Machine Translation Techniques	2021 International Conference on Communication information and Computing Technology (ICCICT)	2021
19.	Sonawane, Sheetal; Ghotkar, Archana; Hinge, Sonam;	Context-based multi-document summarization	Contemporary advances in innovative and applicable information technology	2019
20.	Malte, Aditya; Sonawane, Sheetal;	Effective Distributed Representation of Code-Mixed Text	2019 IEEE 16th India Council International Conference (INDICON)	2019
21.	Helaskar, Mukund N; Sonawane, Sheetal S;	Text Classification Using Word Embeddings	2019 5th International Conference On Computing, Communication, Control And Automation (ICCUBEA)	2019
22.	Sonawane, Sheetal; Kulkarni, Parag; Deshpande, Charusheela; Athawale, Bhagyashree;	Extractive summarization using semigraph (ESSg)	Evolving Systems	2019
23.	Sonawane, Sheetal S; Kulkarni, Parag;	Concept based document similarity using graph model	International Journal of Information Technology	2019
24.	Patil, Toshavi; Sonawane, Sheetal;	ONLINE SUBJECTIVE ANSWER TEXT MATCHING USING SEMANTIC APPROACH : AN OVERVIEW	Journal of Emerging Technologies and Innovative Research (JET)	2019

25.	Helaskar, Mukund N.; Sonawane, Sheetal S;	Text Classification: A Survey on Techniques and Methods	JETIR	2019
26.	Sarwadnya, Vaishali V; Sonawane, Sheetal S;	Marathi extractive text summarizer using graph based model	2018 Fourth International Conference on Computing Communication Control and Automation (ICCUBEA)	2018
27.	Sonawane, Sheetal; Kulkarni, Parag;	The role of coreference resolution in extractive summarization	2016 International Conference on Computing, Analytics and Security Trends (CAST)	2016
28.	Kharde, Vishal; Sonawane, Prof;	Sentiment analysis of twitter data: a survey of techniques	arXiv preprint arXiv:1601.06971	2016
29.	Sonawane, Sheetal S; Kulkarni, Parag A;	Context-based co-reference resolution for text document using graph model (cont-graph)	International Journal of Knowledge Engineering and Data Mining	2016
30.	Dhote, Mayur S; Sonawane, SS;	Multi Document Utility Presentation Using Sentiment Analysis	International Journal of Computer Science Trends and Technology (IJCTST)	2015
31.	Hinge, Sonam; Sonawane, Sheetal;	Cluster Based And Graph Based Methods Of Summarization: Survey And Approach	International Journal of Computer Engineering and Applications	2015
32.	Sonawane, Sheetal S; Kulkarni, Parag A;	Entity based co-reference resolution with name entity recognition using hierarchical classification	2015 Annual IEEE India Conference (INDICON)	2015

33.	Joshi, Shweta G; Sonawane, SS;	A survey of extractive summarization approaches using graph model	International Journal of Computer Engineering and Applications	2015
34.	Bhalerao, DR; Sonawane, SS;	A Survey of Plagiarism Detection Strategies and Methodologies in Text Document	International Journal of Science, Engineering and Technology Research (IJSETR)	2015
35.	Sonawane, SS; Kulkarni, PA;	Graph based Representation and Analysis of Text Document: A Survey of Techniques	International Journal of Computer Applications	2014
36.	Thorat Deepak R; Sonawane Sheetal S;	Risk Based Multilevel and Multifactor Authentication using Device Registration and Dynamic QR code based OTP Generation	Int. J. Adv. Res. Comput. Commun. Eng. Vol	2014
37.	Mandke, Sakshi Siddhesh; Sonawane, Sheetal;	Extraction of Frequent Subgraphs from Graph Database	IJRCCT	2014
38.	Menkudle, Ashwin; Sonawane, Sheetal; Jagtap, Arvind;	Extracting application model from restful web services for client stub generation	International Journal of Computer Technology and Applications	2014