

List of Publications

- [1] Bhoomi Shah and Hetal Bhavsar (2023), “**Depth Restricted Convolutional Neural Network - A Model for Gujarati Food Image Classification**”, The Visual Computer – International Journal of Computer Graphics, Issue 5, Volume 39, Springer, DOI: 10.1007/s00371-023-02893-z. **[SCIE Indexed, Scopus Indexed and UGC Care Journal]**

- [2] Bhoomi Shah and Hetal Bhavsar (2022), “**Time Complexity in Deep Learning Models**”, 4th International Conference on Innovative Data Communication Technology and Application”, Procedia Computer Science Journal, Elsevier, DOI: [10.1016/j.procs.2022.12.023](https://doi.org/10.1016/j.procs.2022.12.023) **[Scopus Indexed and UGC Care Journal]**

- [3] Bhoomi Shah and Hetal Bhavsar (2020), “**Overview of Deep Learning in Food Image Classification for Dietary Assessment System**”, Advances in Intelligent Systems and Computing Series, Proceedings of Sixth ISTA 2020, Springer, DOI: [10.1007/978-981-16-0730-1_18](https://doi.org/10.1007/978-981-16-0730-1_18) **[Scopus Indexed]**

- [4] Bhoomi Shah and Hetal Bhavsar, “An Improved Selective Median Filter for noise reduction on Food Images” **[In Process of Publication]**

- [5] **Indian Copyright:** Bhoomi Shah and Hetal Bhavsar “CLASSIFICATION OF GUJARATI FOOD IMAGES USING DEPTH RESTRICTED CNN MODEL” **[Copyright Registered]**

- [6] **Indian Copyright:** Bhoomi Shah and Hetal Bhavsar “MATHEMATICAL ESTIMATION OF COMPUTATIONAL COMPLEXITIES OF DEEP LEARNING MODELS” **[Copyright Registered]**