

## 8. PUBLICATIONS

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The research work that has been carried out has become a tree which has given some fruits in the form of publications. Following is the list of these publications.

- [1] Raval, Vishwas and Shah, Apurva. (2017, January). **“iCuṚe – An IoT Application for Indian Currency Recognition in Vernacular Languages for Visually Challenged People.”** *In proceedings of IEEE Confluence2017* (pp. 577-581, ISBN: 978-1-5090-3519-9, DOI: <https://doi.org/10.1109/CONFLUENCE.2017.7943217>). Amity University, NOIDA, India. (INSPEC, Scopus Indexed)
- [2] Raval, Vishwas and Shah, Apurva. (2017, February). **“A Survey on Indian Currency Recognition Systems for Visually Challenged People.”** *In proceedings of ICACCI-2017 published in the Journal of The Maharaja Sayajirao University of Baroda*, 52(1), 1-11, ISSN: 0025-0422.
- [3] Raval, Vishwas and Shah, Apurva. (2017, March). **“A Comprehensive Study on Foreign Currency Recognition Systems for Visually Challenged People and a Feasible Solution for Indian Currency Recognition.”** *In proceedings of SmartTech-2017 published in the International Journal of Computing and Applications, Serial Publications*, 13(2), 275-284, ISBN: 0973-5704. Amity University, Jaipur, India. (UGC Approved - Serial Number 1997)
- [4] Raval, Vishwas and Shah, Apurva. (2018, February). **“A Comparative Analysis on Currency Recognition Systems for iCuṚe and an Improved Grab-Cut for Android Devices.”** *As a book chapter in Advances in Intelligent Systems and Computing (AISC), Springer Series*. (ISI, DBLP, EI-Compendex, SCOPUS, SpringerLink) *(To be published)*
- [5] Raval, Vishwas and Shah, Apurva. (2018, April). **“HORBoVF – A Novel 3-Level Image Classifier Using Histogram, ORB and Dynamic Bag of Visual Features”.** *As a book chapter in Lecture Notes in Computational Vision and Biomechanics, Springer Series*. (SCOPUS, SpringerLink) *(To be published)*
- [6] Raval, Vishwas and Shah, Apurva. (2018, September). **“ACORB – An ACO and ORB based Hybrid Image Feature Detector.”** *In proceedings of IEEE ICACCI-2018*. PES Institute of Technology, Bangalore, India. (ISI, DBLP, EI-Compendex, SCOPUS, Thomson-Reuters) *(To be published)*