

Publications

The following are the research publications resulted during the present thesis work.

1. **Krupal S Parikh, Trupti Shah, Rahulkrishna Kota, Rita Vora**, *Diagnosing Common Skin Diseases using Soft Computing Techniques*, International Journal of Bio-Science and Bio-Technology, vol. 7, issue 6, pp.275-286, 2015.
doi: [http://dx. doi.org/10.14257/ijbsbt.2015.7.6.28](http://dx.doi.org/10.14257/ijbsbt.2015.7.6.28).
(Indexed by Scopus)
2. **Krupal S Parikh, Trupti Shah**, *Support Vector Machine- a Large Margin Classifier to Diagnose Skin Illnesses*, Procedia Technology, Elsevier, Vol. 23, pp. 369-375, 2016. doi: 10.1016/j.protecy.2016.03.039 .
(Procedia Technology, Elsevier)
3. **Krupal S Parikh, Trupti Shah**, *Kernel Based Extreme Learning Machine in Identifying Dermatological Disorders*, International Journal of Innovative Science, Engineering & Technology, Vol. 3, issue 10, pp. 370-375, 2016.
4. **Krupal S Parikh, Trupti Shah**, *Feature Selection Paradigm using Weighted Probabilistic Approach*, International Journal of Advanced Science & Technology, Vol. 100, issue, 3, pp. 1-14, 2017.
doi: <http://dx.doi.org/10.14257/ijast.2017.100.01>.

5. **Krupal S Parikh, Trupti Shah**, *Novel kernel to Diagnose Dermatological Disorders*, Journal of Applied Computer Science & Mathematics, Vol. 12(1), pp. 28-33, 2018.

doi: <https://doi.org/10.4316/JACSM.201801004>.

(UGC Approved)