

Publications

The publications based on the work reported in this thesis are as follows:

- Kalita, S. *et al.* Comprehensive representation and efficient extraction of spatial information for human activity recognition from video data. In *International Conference on Computer Vision and Image Processing (CVIP)*, vol. 460 of *Advances in Intelligent Systems and Computing*. 81–92, Springer Singapore, 2017
- Kalita, S. *et al.* Efficient extraction of spatial relations for extended objects vis-à-vis human activity recognition in video. *Applied Intelligence* **48** (1), 204–219, 2018
- Kalita, S. *et al.* A temporal activity graph kernel for human activity classification. In *Indian Conference on Computer Vision, Graphics, and Image Processing*. (submitted)

