References

[1] Wikipedia, "Sinhalese language." [Online]. Available: https://en.wikipedia.org/wiki/Sinhalese_language. [Accessed: 22-Oct-2017].

[2] S. Hewavitharana and N. D. Kodikara, "A Statistical Approach to Sinhala Handwriting Recognition," no. November, 2015.

[3] H. L. Premaratne and J. Bigun, "A segmentation-free approach to recognise printed Sinhala script using linear symmetry," Pattern Recognit., vol. 37, no. 10, pp. 2081–2089, 2004.

[4] M. Rimas, R. P. Thilakumara, and P. Koswatta, "Optical character recognition for Sinhala language," c2013 IEEE Glob. Humanit. Technol. Conf. South Asia Satell. GHTC-SAS 2013, pp. 149–153, 2013.

[5] C. Silva and C. Kariyawasam, "Segmenting Sinhala Handwritten Characters," vol. 2, no. January, pp. 22–26, 2014.

[6] M. L. M. Karunanayaka, N. D. Kodikara, G. D. S. P. Wimalaratne, R. Avenue, and S. Lanka, "Off Line Sinhala Handwriting Recognition with an Application for Postal City Name Recognition," no. 35.

[7] S. Hewavitharana, H. C. Fernando, N. D. Kodikara, and S. Lanka, "Off-line Sinhala Handwriting Recognition using Hidden Markov Models," 2002.

[8] B. Thakral and M. Kumar, "Devanagari handwritten text segmentation for overlapping and conjunct characters- A proficient technique," Proc. - 2014 3rd Int. Conf. Reliab. Infocom Technol. Optim. Trends Futur. Dir. ICRITO 2014, 2015.

[9] R. J. Kannan, R. Prabhakar, and R. M. Suresh, "Off-line cursive handwritten Tamil character recognition," Proc. - 2008 Int. Conf. Secur. Technol. SecTech 2008, vol. 4, no. 6, pp. 159–164, 2008.

[10] U. Sinha, "Connected Component Labelling," 2010. .

[11] U. Pal, A. Belaid, and C. Choisy, "Water reservoir based approach for touching numeral segmentation," Proc. Int. Conf. Doc. Anal. Recognition, ICDAR, vol.

2001–Janua, pp. 892–896, 2001.

[12] A. M. Zeki, "The segmentation problem in arabic character recognition the state of the art," Proc. 1st Int. Conf. Inf. Commun. Technol. ICICT 2005, vol. 2005, pp. 11–26, 2005.

[13] L. R. K.A.K.N.D. Dharmapala, W.P.M.V. Wijesooriya, C.P. Chandrasekara, U.K.A.U. Rathnapriya, "Sinhala Handwriting Recognition Mechanism Using Zone Based Feature Extraction Key Terms :," pp. 10–15, 2015.

[14] B. B. Chaudhuri, U. Pal, and M. Mitra, "Automatic recognition of printed Oriya script," vol. 27, no. February, pp. 23–34, 2002.

[15] U. Pal and S. Datta, "Segmentation of Bangla unconstrained handwritten text," Proc. Int. Conf. Doc. Anal. Recognition, ICDAR, vol. 2003–Janua, no. Icdar, pp. 1128–1132, 2003.

[16] F. Kurniawan, M. S. M. Rahim, D. Daman, A. Rehman, D. Mohamad, and S. M. Shamsuddin, "Region-based touched character segmentation in handwritten words," Int. J. Innov. Comput. Inf. Control, vol. 7, no. 6, pp. 3107–3120, 2011.

[17] C. Scholl, "Recognition of Printed Sinhala Characters Using Linear Symmetry Recognition of Printed Sinhala Characters Using Linear Symmetry," no. November 2002, 2013.

[18] H. L. Premaratne, E. Järpe, and J. Bigun, "Lexicon and hidden Markov model-based optimisation of the recognised Sinhala script," Pattern Recognit. Lett., vol. 27, no. 6, pp. 696–705, 2006.

[19] P. Blunsom, "Hidden Markov Models," Lect. notes, August, pp. 1–7, 2004.

[20] F. Jelinek, Statistical Methods for Speech Recognition. MIT-Press, 1998.

[21] LinkedIn Corporation, "Advantages and Disadvantages of Hidden Markov Model," 2017. [Online]. Available: https://www.slideshare.net/joshiblog/advantages-and-disadvantages-of-hidden-markov-model.

[22] a. R. W. Rohana K. Rajapakse and E. K. Seneviratne, "a Neural Network

Based Character Recognition System for Sinhala Script," Vasa, no. January 1995, 1995.

[23]   D. L. A. De Silva, "Sinhala OCR (Digital , Handwritten , & Palm-leaf Text) School of Computing , Asia Pacific Institute of Information Technology (APIIT), Sri Lanka ."

[24]   O. Team, "OpenCV," © Copyright 2018, OpenCV team, 2018. [Online]. Available: https://opencv.org/. [Accessed: 10-Jul-2018].

[25]   Microsoft Visual Studio - Wikipedia, "No Title," 2018. [Online]. Available: https://en.wikipedia.org/wiki/Microsoft_Visual_Studio.   [Accessed: 10-Jul-2018].

[26]   Wikipedia,   "C++   -   Wikipedia,"   2018.   [Online].   Available: https://en.wikipedia.org/wiki/C%2B%2B. [Accessed: 10-Jul-2018].

[27]   K. S. A. Walawage and L. Ranathunga, "Segmentation of Overlapping and Touching Sinhala Handwritten Characters."

[28]   Wikipedia,   "Support-vector   machine."   [Online].   Available: https://en.wikipedia.org/wiki/Support-vector_machine.

[29]   Wikipedia, "Precision and recall," 2018. .