REFERENCE LIST

- SL Rubber Secretariat, "Sri Lanka Rubber Industry Master Plan 2017-2026," Ministry of Plantation Industries, Sethsiripaya Stage II, Battaramulla, Sri Lanka, 2017.
- [2] G. Heideman, "Reduced Zinc Oxide levels in sulfur vulcanization of rubber compounds," Print Partners Ipskamp, Netherlands, 2004.
- [3] E. James, E. Burak, R. Frederick and Y. Aubert, "Vulcanization," in *Science and Technology of Rubber*, 3rd ed., A. Y., Ed., USA, Elsevier Academic Press, 2005, pp. 321-366.
- [4] K. N. Utpal, "Polymer Additives and Compounding," Shri Ram Institute for Industrial Research, Delhi, 2007.
- [5] Nocil Limited, "Vulcanization & Accelerators," Arvind Mafatlal Group, India, 2014.
- [6] D. Trivatte, E. Morita and W. Maender, "Prevulcanization Inhibitors," in *Rubber Chemistry and Technology*, Ohio, Akron, 1977, pp. 570-600.
- [7] S. S. R. Kumar and A. M. Nijasure, "Vulcanization of Rubber (How to Alter Molecular Structure and Influence on Physical Properties)," ICI India research and Technology Centre, Thane, 1997.
- [8] Future Foundation, "Oscillating Disc Rheometer," Mercury House 16 Community Centre, Delhi, 2003.
- [9] I. Surya, L. Sukeksi and N. Hayeemasae, "Studies on cure index, swelling behaviour, tensile and thermooxidative properties of NR compounds in the presence of alkanolamide," in *IOP Conference Series: Materials Science and*

Engineering, Indonesia, 2018.

- [10] A. Santhosh, S. Thomas and K. Joseph, "Supfur vulcanization of Styrene Butadiene rubber using new binarry accelerator system," *Elastomers and Plastics Vol. 35*, pp. 29-55, 2003.
- [11] A. Hasan, Rochmadi, H. Sulistyo and S. Honggokusumo, "Vulcanization kinetics of natural rubber based on free sulfur determination," *Indo. J. Chem*, vol. i, no. 13, pp. 21-27, 2013.
- [12] S. H. Sheikh, A. Ansarifar, J. Dushyanthan, W. George and W. Upul, "Combining curatives in sulfur cure systems for tire reduces excessive use of these chemicals and improve the cure efficiency," in *Tire Technology International*, Germany, 2017.
- [13] M. Barikani and C. Hepburn, "Iranian Journal of Polymer Science & Technology," Determination of crosslink density by swelling in the castable polyurethane elastomer based on 1/4-cyclohexane diisocyanate and paraphenylene diisocynate, pp. 1-5, January 1992.
- [14] E. A. Oluwatobi, K. Thomas and G. Umesh, "Effect of Sequence of Mixing and Internal Mixer Parameters on the Viscosity of Compounds for Tire Components," *International Journal of Interdisciplinary Research and Innovations*, vol. VII, no. 1, pp. 497-503, 2019.
- [15] Pentocure, "Technical data sheet-TBBS," Pukhraj Additives LLP, India, 2016.
- [16] B. Boonstra and A. Medalia, "Effect of carbon black dispersion on the mechanical properties of rubber vulcanizates," in *Division of Rubber Chemistry* of the ACS, Boston, 1962.
- [17] J. S. Dick, How to Improve Rubber Compounds (1800 Experimental Ideas for Problem Solving), USA: Hanser Publications, 2014.

- [18] G. Seng-Neon, "Storage Hardening of Natural Rubber," Journal of Macromolecular Science, Part A: Pure & Applied Chemistry, pp. 1938-1948, 1996.
- [19] Alpha Technologies Ltd, "Application Manual RPA," Alpha Technologies, USA.
- [20] R. Muramatsu and H. Takahashi, "Materials technology for reducing rolling resistance," *International Polymer Science and Technology*, vol. 28, no. 5, pp. 47-53, 2001.