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### *[Appendix – I: Publications]*

1. Liyanaarachchi L.A.D.A., Liyanage N.M.V.K., “The Effectiveness of a Watersoluble Synthetic Acrylic Polymer in Enhancing Reinforcing Action of Silica in Carboxylated Acrylonitrile Butadiene Rubber Latex”, Paper presented on Mercon 2015 conference, University of Moratuwa. Published on IEEE special chapter with a publication title of “Moratuwa Engineering Research Conference (Mercon) 2015”, 240-245.
2. “Reinforcement of carboxylated acrylonitrile-butadiene rubber latex films by surface modified silica fillers” Paper presented at the IIUPST 2015 symposium, University of Sri Jayewardenepura.