

**Dr. S.S.M Abdul Majeed**

Head and Professor

Department of Polymer Engineering

B.S.Abdur Rahman Crescent Institute of Science & Technology

**List of Publications:**

1. Majeed, S. A., Muzaffar, A., Deshmukh, K., & Ahamed, M. B. (2019). Amorphous and Semicrystalline Thermoplastic Polymer Nanocomposites Applied in Biomedical Engineering. In *Polymer Nanocomposites in Biomedical Engineering* (pp. 57-84). Springer, Cham.
2. Jakriya, S. P., S.S.M Abdul Majeed., Pillai, S. K., & Rahim, D. B. (2018). High-performance poly (vinylidene fluoride-co-hexafluoropropylene) based electrospun polyelectrolyte mat for lithium-ion battery. *Materials Express*, 8(1), 77-84.
3. Paulraj, D., Majeed, S. A., & Rajendran, R. (2017). *Influence of Nano TiO<sub>2</sub> Particles on the Properties and Behaviour of A356 Aluminium Metal Matrix Composites* (No. 2017-28-1986). SAE Technical Paper.
4. P. Thilagarajan , A. Syed Naveed , S. Shamshath Begum , S. S. M. Abdul Majeed , S. Vijayarani , K. P. Sindhu , V. Krishnamoorthy and S. Gayathiri (2016), "Improvement in the Flame Retardancy of Flexible Polyurethane Foam by addition of nano-silica", *International Advanced Research Journal in Science, Engineering and Technology*, Vol. 3(5), pp 138 – 142.
5. M.JidhendraKaleeswar, J.JerinSavio, S.Shamshath Begum, S.S.M.Abdul Majeed, S.Vijayarani and R.Gayathri(2015), "Studies on flexible polyurethane foam with improved flame retardancy. A study on the effect of flame retardant in flexible PU foam", *International Journal of advances Engineering and Research Development*, 2(5). pp 1 – 7.
6. . K.P.Sindhu & Dr.S.S.M.Abdul Majeed, (2015) "Studies on supercapacitor using blend of polypyrrole and polyvinylidene fluoride as electrolyte", *International Journal of Infinite Innovations in Engineering and Technology*, 2(1), pp 133-145.