

LIST OF PUBLICATIONS

- ✓ **S Aishwarya and J Shanthi;** (2019); Spin-coated polymer composite hydrophobic surfaces with self cleaning performance; *Materials Research Express*; Vol.6, 076412 - (1-10)
- ✓ **S Aishwarya, J Shanthi and R Swathi;** (2019); Surface energy calculation using Hamaker's constant for polymer/silane hydrophobic thin films; *Materials Letters*; Vol.253, 409-411

ORAL PRESENTATIONS MADE IN NATIONAL/INTERNATIONAL CONFERENCES

- ICMR sponsored National conference entitled Chemistry of Advanced Materials and its Biomedical applications, Kumaraguru College of Technology, Coimbatore on 20 and 21 April, 2018 with the title **“Fabrication and analysis of Spin-coated TEOS/PEO Hydrophobic film”**
- 2nd International Conference on Nano Science and Engineering Applications (TEQIP-III), Centre for Nano Science and Technology, Institute of Science and Technology, JNTUH, Hyderabad between 4th to 6th October 2018 with the title **“Hydrophobic surfaces with polymer-silica composites by spin-coating technique”**.
- 10th International Conference on Advancements in Polymeric Materials (APM 2019), CIPET , Chennai between 22nd to 24th January 2019 with the title **“Fabrication of Hydrophobic Polymer films with TEOS/MTMS: Self-cleaning applications”**.