Publications of DC member 3(Dr. C. Emmy Prema):
NUMBER OF PUBLICATIONS: 10

1. A Radha, S Suresh, G Ramanan, V Mohanavel, **CE Prema**. Processing and characterization of mechanical and wear behavior of Al7075 reinforced with B4C and nano graphene hybrid composite. Materials Research Express 6 (12), 1265c5, 2020.

2. **CE Prema**, S Suresh, G Ramanan, M Sivaraj. Characterization, corrosion and failure strength analysis of Al7075 influenced with B4C and Nano-Al2O3 composite using online acoustic emission. Materials Research Express 7 (1), 016524, 2020.

3. MN Krishnan, S Suresh, SC Vettivel, **CE Prema**, CP Jesuthanam. A Novel Image Processing Technique for Analyzing Wear Worn Surface Roughness and Corrosion Behavior of Sintered Mg/B 4 C Composites. Transactions of the Indian Institute of Metals, 1-18, 2020.

4. **CE Prema**, SS Vinsley, S Suresh. Efficient Flame Detection Based on Static and Dynamic Texture Analysis in Forest Fire Detection. Fire Technology 54 (1), 255-288, 2018.

5. **CE Prema**, KS Silva. Hybrid Texture Feature Based Roadside Vegetation Classification. International Journal of Engineering, Science and Mathematics 7 (5), 8-17, 2018.

6. **CE Prema**, R Anuja. Efficient Recognition of Facial Expression Using Compound Local Binary Pattern with Histogram of Oriented Gradients. International Journal of Management, IT and Engineering 8 (5), 33-50, 2018.

7. **CE Prema**, SS Vinsley, S Suresh. Multi feature analysis of smoke in YUV color space for early forest fire detection. Fire technology 52 (5), 1319-1342, 2016.

8. **C. Emmy Prema**, S.S. Vinsley. Performance analysis of statistical parameter based fire pixel segmentation in various color spaces. Asian Journal of Information Technology 15 (12), 2023-2036, 2016.

9. D. Mahiba, **C. Emmy Prema**, S.S. Vinsley. Wavelet Based Flame Flicker Analysis For Fire Detection. International Journal of Applied Engineering Research 10 (2), 1407-1411, 2015.

10. D. Mahiba, **C. Emmy Prema**, S.S. Vinsley. Wavelet Based Flame Flicker Analysis For Fire Detection. International Journal of Applied Engineering Research 10 (2), 1407-1411, 2015.