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### **Publication Details (Last Five Years)**

#### **Journal Publications:**

- **Lakshmi. R**, “Use of e-plastic waste in bituminous pavements”, GRADEVINAR-Croatian Journal of Civil Engineering,(Peer Journal Vol.No.70, Issue.No.7,629-637 August 2018.
- **Lakshmi.R**, Selvaraj.R, Nivedha.S, “Protective Coatings on Concrete Surface for Corrosion Prevention of Steel”, International Journal of Advanced Research in Basic Engineering Sciences and Technology Vol. No.4, Issue No.5, Page No. 167- 172.
- **Lakshmi.R**, Selvaraj.R, Nivedha.S, “Formulation of AntiCorrosive Coatings using Polyvinyl Acetate for Concrete Surfaces”, International Journal of Science and Research Vol. No.7, Issue No.5, Page No.1519- 25
- Kathirvel.P, **Lakshmi.R**, Poorna Prakash P. S, Ahamed Ibrahimsha.M, “Passive Cooling of Building using Glycerine and Paraffin Wax with Perlite as Phase Changing Materials”, International Journal of Engineering Research & Technology, Vol. No.9, Issue No.4, Page No. 811- 815

#### **Conference Publications:**

- **Lakshmi R**. (16th and 17th March 2018), ‘Evaluation of Polyvinyl Acetate Surface Coatings for Prevention of Corrosion of Steel in Concrete’ - Proceedings of the 3rd International Conference on Civil Engineering and Infrastructural Issues in Emerging Economies (ICCIEE 2018), School of Civil Engineering, SASTRA Deemed to be University, Thanjavur.
- **Lakshmi R**. (21st March 2018), ‘Protective Coatings on Concrete Surface for Corrosion Prevention of Steel’ - Proceedings of the National Conference on Advanced Techniques in Concrete, Environmental and Geotechnical Engineering (NC-ATCEGE ‘18), Department of Civil Engineering, Kings College of Engineering, Pudukkottai.

- **Lakshmi R.** (2018) 'Evaluation of Shrinkage Characteristics of Nano Particles Based Geopolymer Concrete' ICETET' 18 'International Conference on Emerging Trends in Engineering and Technology'. held at Pandian Saraswathi Yadav Engineering College, Sivaganga Dist.
- **Lakshmi R.** (9th April 2018), 'Polyvinyl acetate Coatings for Prevention of Corrosion in Concrete' - Proceedings of the Sixth National Conference on Trendy and Sustainable Development in Civil Engineering (NCTSDCE '18), Department of Civil Engineering, K.S.R. College of Engineering, Thiruchengode.
- **Lakshmi R.** (13th April 2018), 'Investigation on Polyvinyl Acetate Coatings on Concrete Surface' - Proceedings of the National Conference on Sustainability in Construction (NACSIC 2018), Department of Civil Engineering, Kalasalingam Academy of Research and Education, Krishnankoil.
- **Lakshmi,R.**(2017).An overview of Nanosilica based High Performance Concrete at International Conference *ICETET.17* held at Pandian Saraswathi Yadav Engineering College, Sivaganga Dist.
- **Lakshmi,R.**(2017).Bioremedial approach for Crack arresting Mechanism of Concrete using Bacillus Subtilis as Self healing Agent, at Recent innovations in Biomedical Science held at Kamaraj College of Engineering and Technology, Virudhunagar
- **Lakshmi,R** (2016). Environment Friendly Utilization Of Waste Plastic Particles As Filler Material in Cementitious Mixtures at *International Conference ICABCMS'16* at Selvam College of Technology, Namakkal.
- **Lakshmi,R.**(2016).State of Art Report on self-healing concrete International Conference on Emerging Trends in Science, Engineering, Technology & Management, Pandian Saraswathi Yadav Engineering College, Sivaganga Dist.
- **Lakshmi,R.**(2016). Investigation on recycling of E-Glass in concrete, International Conference on Emerging Trends in Science, Engineering, Technology & Mgmt, PSR Engineering College, Sivakasi, Virudhunagar District.