

FACULTY PROFILE

Name : **Dr.R.JAYANTHI**
Designation : PROFESSOR & HEAD
Department : CIVIL ENGINEERING
Educational Qualification : B.E., M.E.,Ph.D., MIE,MISTE,MIGS
Subject of Interest : Geo-environmental Engineering



- Publications :
1. J.Santhosh, Dr. R.Jayanthi, Dr.N. Ramachandran and Dr, S.T. Ramesh “Evaluation of co digestion process of kitchen waste, slaughter house waste and poultry litter in a lab scale anaerobic digester” , Poll Res. 35 (4) : 165-171 (2016)
 2. Thayalnayaki.D and R.Jayanthi (2016) “Characterization and Composition Of Municipal Solid Waste - A Case Study” International Journal of Civil Engineering & Technology (IJCIET), Volume 07, Issue 5, (Sep-Oct 2016)
 3. Thayalnayaki.D and R.Jayanthi Characterisation Of Household Solid Waste In The Town Of Thanjavur. Indian Journal of Scientific Research. 14 (1):143-147. 2017.
 4. Santhosh .J, R. Jayanthi and N. Ramachandran Anaerobic Co-Digestion Process and Pretreatments of Organic Waste: A Review Indian Journal Of Scientific Research 14 (1): 131-137, 2017 Issn: 0976-2876 (Print). 2017.
 5. Sreelal G. Pandian &Jayanthi Ramasamy ‘Analysis Of Sugarcane Trash And Evaluation Of Its Biogas On Effect With Inoculums” Poll Res. 38 (3) : 253-260 (2019)
 6. Sreelal G. Pandian &Jayanthi Ramasamy , Evaluation of sugarcane trash’s biogas on effect with Inoculum / substrate ratio (ISR) in a batch digester” Ecology, Environment and Conservation, 2019 (4) Issue.
 7. S.J. Princess Rosaline, R.Jayanthi , Influence of Hybrid Fibre on the Mechanical Properties of Concrete, ‘International Journal of Engineering and Advanced Technology (IJEAT)’ Volume-9 Issue-1, October 2019
 8. Santhosh.J, Jayanthi.R, Assessment of Various Agitation Speeds for Co Digestion Process International Journal of Recent Technology and Engineering (IJRTE) Volume-8 Issue-3, September 2019
 9. D.Thayalnayaki & R.Jayanthi, "Groundwater Quality Mapping of an Open Municipal Solid waste Landfill site", International Journal of Engineering and Advanced Technology (IJEAT), Volume-9 Issue-2, December 2019

Awards and Achievements : Coordinated a project for Thanjavur city Municipal Corporation under SMART CITY Mission

Google Scholar Link : <https://scholar.google.com/citations?hl=en&user=IAxIN7AAAAAJ>

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