

## Faculty Profile



Name of the staff : **Mr.M. SURESH KARTHIK KUMAR**  
Designation : Assistant Professor  
Department : Civil Engineering  
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### Education

**B.E** - Civil Engineering, Karunya Institute of Technology. - 2006.

**M.E** - Environmental Engineering ,Arulmigu Kalasalingam College of Engineering , 2008.

**Ph.D.** Environmental Engineering, Anna University Chennai.

### Teaching and Research Experience

**Assistant Professor** in S. V.C College of Engineering and Technology, 5 months.

**Assistant Professor** in Regional Center Tirunelveli campus 1year 5 months

**Assistant Professor** in University college of Engineering,Konam, Nagerkoil 1year 5 months

**Assistant Professor** in University VOC college of Engineering,Thoothukudi ,2012-till date.

### Research Interests/ Area of Research / Achievements in research/ Projects/Collaborations

Sludge Reduction using MBR coupled Pretreatment Techniques

Isolation and prediction of degrading capacity of Microbes: Phyto and Bioremediation, Bioaugmentation, biostimulation, superbug.

Air pollution, Ocean Acidification

### Selected Publications(Journals / Books) - recent 5 publications

**M. Suresh Karthik Kumar**;2088,Comparision of Phytoremediation with Bioremediation for Atrazine Removal from wastewater, IJAES, vol 3, issue3, Pg. 271.

**M. Suresh Karthik Kumar**;2015,Effect of Alkaline Ozone pretreatment on sludge reduction potential of MBR treating high strength domestic wastewater, Desalination & water treatment, vol 5, Issue5 pg. 1127-1134.

### Administrative Post held

Fine Arts Coordinator