

FACULTY PROFILE

Name (Capital Letters) Dr. M.SURESH KARTHIK KUMAR

Designation Assistant Professor

Department Civil Engineering

Mail Id kareshmkumarenviro@gmail.com



Education Qualification :

Degree	Specialization	University	Awarded Year
B.E	Civil Engineering	Karunya Institute of Technology, Coimbatore.	2006
M.E	Environmental Engineering	Arulmigu Kalasalingam College of Engineering.	2008
Ph.D.	Civil Engineering	Anna University, Chennai	2018

Professional Experience:

Name of the Company / Institutions	Designation	Duration		Experience in Years
		From	To	
Pure Enviro Engineering Pvt.Ltd.Chennai	Process Engineer	01-08-2008	27-05-2009	9M 26D
S.Veerassamy Chettiar College Of Engineering And Technology, Puliangudi	Lecturer	03-06-2009	26-10-2009	4M 24D
Anna university Region Campus, Tirunelveli	Lecturer	28-10-2009	30-06-2011	1Y 8M 2D
University College Of Engineering, Nagercoil	Assistant Professor	01-07-2011	20-01-2012	6M 21D
University Voc College Of Engineering, Thoothukudi	Assistant Professor	21-01-2012	20-07-2023	11Y 6M
Anna university Region Campus, Tirunelveli	Assistant Professor	21-07-2023		

Area of Specialization: Environmental Engineering and Management.

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

Academic / Additional Responsibilities: Serviced as Chief Superintendent and Fine arts Coordinator.

Committee Member: SYLLABUS SUB COMMITTEE

Professional Membership: World of Concrete

Research Guidance (mention the total count in each)

- i. PG : 4
- ii. Ph.D:

Publications (National/International):

M. Suresh Karthik Kumar; 2008, 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.

Expert Lecture Delivered

Title	Institute address
THOOTHUKUDI-ENVIRONMENTAL AWARENESS ON AIR POLLUTION CONTROL	CORPORATION-MASSILLA MAANAGARAM CAMPAIGN
PLANNING AND MANAGEMENT IN PROJECT	LOYOLA INSTITUTE OF TECHNOLOGY AND SCIENCE,THOVALAI,KANIYAKUMARI DISTRICT
DIRECTING AND CONTROLLING IN PROJECT	LOYOLA INSTITUTE OF TECHNOLOGY AND SCIENCE,THOVALAI,KANIYAKUMARI DISTRICT
WATER TREATMENT TECHNIQUES	KALASALINGAM UNIVERSITY,SRIVILLIPUTTUR
RECENT TRENDS IN CIVIL ENGINEERING	JAYARAJ ANNA PACKIAM C.S.I COLLEGE
ADVANCED STRUCTURES	MERIT POLYTECHNIC COLLEGE-KADAYAM
GRAY WATER MANEMENT	SCAD POLYTECHNIC
ADVANCES IN STRUCTURAL ENGINEERING-SHEAR WALL	JP COLLEGE OF ENGINEERING

Short Term Courses, Seminars, Workshop

Organized: Workshop on ETAB and Tall Building
Application of Total Station and GPS Surveying
Total station and GPS surveying
Foundation Analysis

Attended:

Drone surveying and 3D Mapping
Autodesk
Intellectual property rights and innovations
Recent advancement in material science

Consultancy Projects (ongoing/completed provide details in separate table):

Name of the Project :	LL OHT PILE LOAD TEST
Funding Agency :	CITY MUNICIPAL CORPORATION -THOOTHUKUDI
Amount Sanctioned :	15000/-
Duration of the Project :	1 DAY

Name of the Project :	SURVEY OF BIOMINING
Funding Agency :	TOWAN PANCHAYAT TIRUCHENDUR
Amount Sanctioned :	2,12,400
Duration of the Project :	3 DAYS

Name of the Project :	PROPOSED CONSTRUCTION OF BADMINTON COURT
Funding Agency :	THOOTHUKUDI CORPORATION
Amount Sanctioned :	4,63,380

Duration of the Project :	1 MONTHS
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Name of the Project :	SPT TEST
Funding Agency :	KEYEM ENGINEERING ENTERPRISES
Amount Sanctioned :	90000
Duration of the Project :	1 DAY