



# SRM Valliammai Engineering College

SRM Nagar, Kattankulathur-603203, Kancheepuram District, Tamil Nadu

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## Department of Civil Engineering

### Personal Details

<b>Name :</b>	Dr. D.ELANGO	
<b>Designation :</b>	Professor & Head	
<b>Educational Qualification :</b>	BE., M.E., Ph.D.,	
<b>Experience:</b>	23 Years	
<b>Area of Specialization :</b>	Environmental Engineering	
<b>Date of Joining :</b>	26.04.2010	
<b>Email ID :</b>	elangod.civil@valliammai.co.in	
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### Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1	B.E	Civil Engineering	Hindustan College of Engineering, University of Madras.	1993
2	M.E	Environmental Engineering.	Govt. College Of Technology, Bharathiyar University	1996
3	Ph.D	Environmental Engineering.	College of Engineering, Anna University	2009

### Professional Society Memberships

1. Member of Indian Society for Technical Education (Membership number: LM94071): Life Member
2. Fellow of Institution of Engineers (India): F117783-0 Life Member
3. Associate member in institute of Public Health Engineers: AM610 Life Member

### Publication Details

#### JOURNALS

1. D.Elango, N, Thinakaran, P. Paneerselvam and S. Sivanesan, Thermophilic Composting of Municipal Solid Waste, Journal of Applied Energy, Vol.86.2009, pp663.668.
2. N. Tinakaran, D. Elango, P. Baskaralingam, P. Paneerselvam and S. Sivanesan, Equilibrium and kinetic studies on the removal of Acid Red 114 from aqueous solution using activated carbons prepared from seed shells Vol.158.2008, pp.142-150.
3. D. Elango, M. Pulikesi, P. Baskaralingam, V. Ramamurthi and S. Sivanesan, Production of Biogas from Municipal solid waste with domestic sewage, Journal of Hazardous Materials, Vol.141, Issue 1, March 2007, pp.301-304.
4. M. Pulikesi, D. Elango, P. Baskaralingam, V. Ramamurthi and S. Sivanesan, Surface ozone measurements at urban coastal site Chennai, in India, Journal of Hazardous Materials, Vol.137, Issue 3, October, 2006, pp.1554-1559.
5. M. Pulikesi, D. Elango, P. Baskaralingam, V. Ramamurthi and S. Sivanesan, Air quality monitoring in Chennai, India, in the summer of 2005, Journal of Hazardous Materials, Vol.136, Issue 3, October, 2006, pp.589-596.
6. P. Baskaralingam, M. Pulikesi, D. Elango, V. Ramamurthi and S. Sivanesan, Adsorption of acid dye onto organobentonite, Journal of Hazardous Materials, Vol.128, Issue 2, February, 2006, pp.138-144.

7. M.S. Keerthana Rani, D.Elango, Quantitative Comparison between Electro Coagulation and Chemical Dosing, International Journal of Civil Engineering and Technology, Volume 5, Issue 3, March (2014), pp.245-251.
8. Ajeet Sharma, S. SenthilSelvan, S. Sureshbabu S and D. Elango, Experimental Study on Flexural-Torsional Behaviour of Cold Formed Steel Channel Section connected Back to Back, Indian Journal of Science and Technology, Vol 9 (39), October 2016
9. Iyappan G.R., Dr. D. Elango, A Study on Strengthening of CHS Tubes under Axial Compression Using FRP Composites, International Journal of Constructive Research in Civil Engineering, Volume 3, Issue 1, 2017, PP 1-10, January 2017
10. P.Raghunathapandian, Dr B Palani, Dr D Elango, Behaviour Of Reinforced Concrete Tee Teams Retrofitted Using Ferro Cement, International Journal Of Civil Engineering And Technology, Vol 8, Issue 11, pp 620-630, Nov 2017.
11. P.Raghunathapandian, Dr B Palani, Dr D Elango, Experimental Investigation On Reinforced Concrete Tee Beams Strengthen With Ferro Cement, International Journal Of Engineering Science Invention, Vol 7, Issue 1, Pp 20-25, Jan 2018.
12. Y.Sathya, Dr. D. Elango, Study On Optimal Location Of Permeable Reactive Barrier (PRB) in Remediation Of Contaminated Groundwater Using Groundwater Modeling, International Journal Of Latest Engineering And Management Research, Vol. 03, Issue 2, Pp 116-121, Feb 2018
13. Preyadarshini S, Iyappan G R, Dr. D. Elango, Experimental Study On Bio-Mineralization Process Of Microbial-Cementation in Concrete Crack Remediation, International Journal Of Innovative Research In Science, Engineering And Technology, Volume 7, Special Issue 5, pp 214 - 221, April 2018
14. Preyadarshini.S, Iyappan G R, Dr.A. Leema Rose Dr. D.Elango, Experimental And Analytical Study On Bio- Mineralization Process With Replacement Of Cement By Microbial cementation, International Journal Of Civil Engineering And Technology, Volume 9, Issue 5, Pp. 715–724, May 2018.
15. A. Leema Rose, Dr. D. Elango, D.S. Vijayan , J. Jebasingh Daniel Reliability analysis of corroded beams with FRP laminates - Materials Today: Proceedings
16. A.Leema Rose , Dr. D.Elango, Dinesh Kumar , S.Mohanasundari Strength and Durability of Polymer Modified Steel Fiber Reinforced Concrete - Solid State Technology
17. A. Leema Rose, Dr. D. Elango, D.S. Vijayan, J. Jebasingh Daniel Reliability analysis of corroded beams with FRP laminates- Materials Today: Proceedings

## INTERNATIONAL CONFERENCES

1. A quantitative comparison between Electro Coagulation and Chemical dosing, International Conference on Advances in Civil Engineering and Chemistry of Innovative Materials, SRM University, 13<sup>th</sup>& 14<sup>th</sup> of March 2014.
2. Experimental Study On Bio-Mineralization Process Of Microbial-Cementation in Concrete Crack Remediation, International Conference on Recent Innovation in Civil Engineering and Management, Loyola Institute of Technology, 22<sup>nd</sup> March 2018.
3. Experimental study on comparison of conventional & Coconut Shell Concrete with Replacement and addition of Silica Fume in Cement, presented in International Conference on Informatics, Robotics, Construction and Communication, PERI Institute of Technology, 7th and 8th April 2018.

## Research and Development Details

Research Supervisor in Anna University

Doctoral Committee Member in Anna University, and Annamalai University

No. of Ph.D Produced : 1

No. of Ph.D Guiding : 2

## Other Details

1. Member – Board of Studies in Civil Engineering, Anna University, Chennai – 25
2. Institution of Engineers (India) – Hon. Secretary , Kancheepuram local chapter
3. Received best Civil Engineering Division award from Institution of Engineers (India) in Tamilnadu in the year 2016-17.
4. Received Best Civil Engineering Student Chapter Award from Institution of Engineers IE(I), in the year 2017-18.
5. Editor – International Journal of Petroleum Tech and Alternate fuels
6. Reviewer – Indian Journal of Science & Technology





#### **STTP/FDP COORDINATED**

1. Received fund of Rs.3,00,000 and Organized AICTE & ISTE Sponsored Faculty Induction Programme on “Modern Construction Materials and Construction Techniques” at Valliammai Engineering College during 21-25, May-2018.



**Dr. V. Kalyanaram, Retired Professor and Head, Dept of Civil Engineering, IIT-Madras**

## CONFERENCES/ SEMINAR/ WORKSHOPS ORGANIZED

1. Received fund of Rs.50,000 and Organized CSIR Sponsored National Seminar on “Recent Advances in Earthquake Resistant Design and structural Dynamics” at Valliammai Engineering College on 16-17 February 2017.



**Dr. A. Boominathan, Professor, Geotechnical Engineering Division, IIT Madras**

2. Received fund of Rs.50,000 and Organized the National Seminar on “Emerging Technologies in Engineering” at Valliammai Engineering College on 07 April 2018.



**Dr. T. S. Thandavamoorthy, Former Deputy Director; CSIR- Structural Engineering Research Centre**