

## ***FACULTY PROFILE***

**Name** : M.P. Sureshkumar  
**Designation** : Assistant Professor  
**Date of Association** : 26.05.2010  
**Nature of Association** : Regular  
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### **Academic Record**

<b>COURSE</b>	<b>INSTITUTION</b>	<b>BOARD / UNIVERSITY</b>	<b>PERIOD OF STUDY</b>	<b>PERCENTAGE OF MARKS</b>
Ph.D	K.S.Rangasamy College of Technology, Tiruchengode	Anna University, Chennai.	<b>Thesis Submitted</b>	--
M.E (Structural Engg)	Thiagarajar College of Engineering (Autonomous), Madurai.	Anna University, Tirunelveli.	2008-2010	7.90 (First Class)
BE (Civil Engg.)	Kongu Engineering College, Perundurai.	Anna University, Chennai.	2003-2007	73.00 (First Class)
HSc	B.V.B Higher Secondary School, Erode.	State board, Tamilnadu.	2002	82.16
SSLC	A.E.T Higher Secondary School, Erode.	Matriculation, Tamilnadu.	2000	86.9

### **Experience in Teaching: 9 Years and 02 Months**

<b>Sl. No.</b>	<b>Name Of the College</b>	<b>Designation &amp; Department</b>	<b>Period</b>		<b>Experience</b>	
			<b>From</b>	<b>To</b>	<b>Years</b>	<b>Months</b>
1	K.S.Rangasamy College of Technology	Assistant Professor / Civil Engineering	26.05.2010	Till Date	9	02

- Ph.D Thesis** :Experimental Investigation on Strength and Durability Properties of Fibre Reinforced Concrete using Redmud
- Project Work (PG)** : Investigation of Buckling Strength of RCC Columns Incorporating Copper Slag as a Partial Replacement for Cement
- Project Work (UG)** : 1. Effect of Geo-Synthetics on High Swelling Clay Soils.  
2. Behaviour of Geo-Synthetics on High Swelling Clayey Soils in Model Embankment.

**Publication in National and International Journals**

1. **Sureshkumar M.P., Ashok P., (2014), “ Experimental Studies On Concrete Utilising Red Mud As A Partial Replacement Of Cement With Hydrated Lime”, *IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE)*,Pp-01-10.**
2. **Sureshkumar M.P., Vennila G., Ramesh S., Pandiarajan R., Gowtham S.K., (2015), “Utilisation of industrial waste Redmud in concrete – A Review”, *International Journal of Applied Engineering Research, vol 10 (38)* Pp 28186-28198, ANNEXURE II JOURNAL OF ANNA UNIVERSITY.**
3. **Sureshkumar M.P., Sivakumar M., (2015), “Blast Resistant Structures-A Review”, *International Journal for Scientific Research & Development, vol 03 (08)*Pp 815-820.**
4. **VijayaSundravel K., Saravananarajan N., Amirthagadeshwaran G., VijayaSrinivasan K., Sureshkumar M P., (2015), “Surveying, Planning and Scheduling for a hill road work at kalrayan hills by adopting Iss Method”, *International Journal for Scientific Research & Development, vol 03 (10)*Pp 952-955.**
5. **Sureshkumar M.P., Ramesh S., Easwaran P., Pruthviraj P., (2016), “Basalt Fiber Application in Concrete - A Review”, *International Journal of Advanced Science and Engineering Research, vol 01 (01)* Pp-902-913.**
6. **Sureshkumar M.P., Vennila G., (2016), “Compressive Characterization of Modified Concrete by Partial Replacement of Conventional Binder with Red Mud”, *Asian Journal of Research in Social Sciences and Humanities, vol 06 (08)*Pp 326-331, ANNEXURE I JOURNAL OF ANNA UNIVERSITY.**

7. **Sureshkumar M.P.,** Visakan M., (2017), “**Experimental investigation on applications of nanomaterials in concrete**”, International journal of applied science engineering & management,, *vol 03 (02)*Pp 1-9.
8. **Sureshkumar M.P.,** Visakan M., (2017), “**Study on behaviour of rc beam- column joint using red mud and quarry dust as partial replacement for cement and fine aggregate**”, International journal of advanced science and engineering research,, *vol 02 (02)*Pp 112-119.
9. **Sureshkumar M.P.,** Vennila G., (2018), “**Reuse Of Redmud (Industrial Waste) As A Strategy For Environmental Conservation And Its Possible Use In Construction Industry**”, *Ecology, Environment and Conservation Paper, vol 24, March Supp Issue*, Pp 25-27, **ANNEXURE I JOURNAL OF ANNA UNIVERSITY.(SCOPUS)**
10. **Sureshkumar M.P.,** Vennila G., (2018), “**Feasibility Study On Red Mud (Industrial Waste) As A Substitute For Soil, Cement And Its Environmental Impact**”, *Ecology, Environment and Conservation Paper, vol 24 (03)*Pp 1345-1348, **ANNEXURE I JOURNAL OF ANNA UNIVERSITY. (SCOPUS)**
11. **Sureshkumar M.P.,** Vennila G., (2019), “**Experimental Study On Strengthening Of Reinforced Concrete Column Using Glass Fibre Reinforced Polymer With Partial Replacement Of Cement And Fine Aggregate By Industrial Wastes**”, *Caribbean Journal of Science (Accepted)*, **ANNEXURE I JOURNAL OF ANNA UNIVERSITY. (SCOPUS)**

#### **CEP / QIP / Workshops / Symposium / Seminars / Conferences attended**

1. Two day Workshop on “**Corrosion Control in Concrete Structures**” conducted by Department of Civil Engineering, IIT MADRAS, Chennai on 05 & 06.08.16
2. One day Workshop on “**Systematic Approach for pursuing Effective Research**” conducted by Department of Mechanical and Mechatronics Engineering, Kongu Engineering College, Perundurai on 10.08.2013.S
3. One day National Workshop on “**Energy Conservation Technologies for Global Sustainability**” conducted by Department of Civil Engineering, Kongunadu College of Engineering and Technology, Thottuiam on 27.07.2013.
4. One day Seminar on “**Advanced Membrane Bio reactors for Wastewater Treatment**” conducted by Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 16.03.2013.

5. One day Seminar on **“Energy Innovative Site Remediation Techniques”** conducted by Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 19.01.2013.
6. One day National Workshop on **“Energy Conservation Technologies for Global Sustainability”** conducted by MSM Environmental Solutions & Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 24.08.2012.
7. One day National Seminar on **“Integrated Approaches for Air Quality Management with Focus on Small Cities”** conducted by Department of Civil Engineering, Kongu Engineering College, Perundurai on 05.05.2012.
8. One day National Workshop on **“Recent Advances in Concrete Materials & Steel Structures”** conducted by Department of Civil Engineering, R.V.S College of Engineering and Technology, Dindigul on 18.02.2012.
9. One day National Seminar on **“Recent Advancements in Earthquake Resistant Techniques”** conducted by Department of Civil Engineering, Kongu Engineering College, Perundurai on 25.11.2011.
10. One day National Seminar on **“Total Station and Advanced Surveying”** conducted by Department of Civil Engineering, Kongu Engineering College, Perundurai on 14.09.2011.
11. One day National Workshop on **“Soil And Water Quality Assessment Using Open Source Tools –An Overview”** conducted by Department of Civil Engineering, Kongu Engineering College, Perundurai on 24.03.2016.
12. One day National Conference on **“Buckling Strength of RCC Column Incorporating Copper Slag As Partial Replacement for Cement”** conducted by Department of Civil Engineering, R.V.S College of Engineering and Technology, Dindigul on 12.03.2010.
13. One day National Conference on **“Buckling Strength of RCC Column Incorporating Copper Slag As Partial Replacement for Cement”** conducted by Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 02.04.2011.
14. Two day national Workshop on **“Applications of NDT Techniques In Historical Monuments”** conducted by Department of Civil Engineering, Velalar College of Engineering and technology Erode on 06.02.2017 & 07.02.2017.
15. One day International Conference on **“Advances In Computing, Control, Communication, Automation and Structural Engineering”** conducted by Department Of Civil Engineering, AL-AMEEN Engineering College, Erode on 07.05.2016.

16. One day International Conference on **“Study on Behavior of RC Beam Column Joint Using Red Mud and Quarry Dust As Partial Replacement for Cement and Fine Aggregate”** conducted by Department of Civil Engineering, AL-AMEEN Engineering College, Erode on 08.04.2017.
17. Two day International Conference on **“Experimental Study on Behavior of RC Beam Column Joint Using Red Mud and Quarry Dust As Partial Replacement for Cement and Fine Aggregate”** conducted by Department of Civil Engineering, KPR Institute of Engineering and Technology, Coimbatore on 10.04.2017 & 11.04.2017.
18. One day National Seminar on **“Current Trends, Prospects and Challenges of Swachh Bharat”** conducted by Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 14.09.2017.
19. Two day National Seminar on **“Emerging Trends In Steel Structures”** conducted by Department of Civil Engineering, PSNA College of Engineering and Technology, Dindigul on 21.09.2017 & 22.09.2017.
20. One day National Workshop on **“Recent Advances In Structural and Environmental Engineering”** conducted by Department of Civil Engineering, K.S.Rangasamy College of Engineering, Tiruchengode on 08.09.2017.
21. Three days IEEE International conference on **“Functionally Graded Concrete –A Review”** conducted by Department of Civil Engineering, St.Peter’s College Of Engineering and Technology, Chennai on 27- 29.09.2017.
22. One day National Seminar on **“Improving Your API Scores Base on UGC Regulations”** conducted by Department of Library, K.S.Rangasamy College of Engineering, Tiruchengode on 28.08.2017.
23. One day National Seminar on **“Sustainable Solid Waste Management Technologies for Clean India”** conducted by Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 23.06.2017.
24. Two days International Conference on **“Utilization of Solid Waste (FLY ASH) In Concrete”** conducted by Krishi Sanskriti, Jawaharlal Nehru University, New Delhi on 21.02.2015 & 22.02.2015.
25. Two days International Conference on **“Potential Utilization of Industrial Waste (RED MUD) In Concrete”** conducted by Krishi Sanskriti, Jawaharlal Nehru University, New Delhi on 29.03.2014 & 30.03.2014.

26. One day National Conference on **“Buckling Strength of RCC Column Incorporating Copper Slag As Partial Replacement for Cement”** conducted by Department of Civil Engineering, Kumaraguru College of Technology, Coimbatore on 20.04.2010.
27. One day workshop on **“How Not To Write A Technical Paper”** conducted by Department of Mechanical and Mechatronics Engineering, Kongu Engineering College, Perundurai on 21.09.2013.
28. Three days National level Technical Symposium on **“Elixir”** (paper presentation) conducted by National Institute Of Technology, Andhra Pradesh on 27- 29.01.2006.
29. One day National Conference on **“Buckling Strength of RCC Column Incorporating Copper Slag As Partial Replacement For Cement”** conducted by Department of Civil Engineering, K.S.Rangasamy College of Engineering, Tiruchengode on 23.02.2010.
30. Two days International Conference on **“Utilization of Industrial Waste Red Mud In Concrete –A Review”** conducted by Department of Civil Engineering, AL-AMEEN Engineering College, Erode on 10.04.2015 & 11.04.2015.
31. One day workshop on **“Durability And Earthquake Resistant Design of Concrete Structures”** conducted by Department Of Civil Engineering, Sree Sowdambika College of Engineering, Aruppukottai on 30.08.2013.
32. One day National seminar on **“Innovative Site Remediation Techniques”** conducted by Department Of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 19.01.2013.
33. One day National Workshop on **“Smart Renewable Energy Technologies: opportunities and challenges”** conducted by Department Of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 28.08.2015.
34. Two days International Conference on **“Experimental Study on Strengthening of RC Column Using GFRP with Partial Replacement of Cement and Fine Aggregate by Industrial Wastes”** conducted by Department Of Civil Engineering, Selvam College of Technology, Namakkal on 17.03.2016 to 18.03.2016.
35. One day National seminar on **“Construction Challenges in Landsliding Regions”** conducted by Department Of Civil Engineering, Kongu Engineering College, Perundurai on 01.08.2015.
36. Two days International Conference on conducted by Department Of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 03.02.2015 to 04.02.2015.

37. One day Workshop on “**Introduction to MSP Software Tool for Construction Industries**” conducted by Department Of Civil Engineering, Kongu Engineering College, Perundurai on 27.01.2017.

### **Faculty Development Programmes attended**

1. Faculty Development Programme on “**Applied Hydraulic Engineering**” conducted by Department of Civil Engineering, Sona College of Technology, Salem from 22.11.2010 to 05.12.2010.
2. Faculty Development Training Programme on “**Applied Hydraulic Engineering**” conducted by Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode from 09.12.2013 to 16.12.2013.
3. Faculty Development Training Programme on “**Finite Element Methods & Applications in Civil Engineering**” conducted by Department of Civil Engineering, **IIT Bombay** from 27.04.2015 to 01.05.2015.
4. Faculty Development Programme on “**Economic Development through Digital Transformation**” conducted by K.S.R School of management, K.S.Rangasamy College of Technology, Tiruchengode from 11.09.2017 to 24.09.2017.
5. Two –Week ISTE STTP on “**Technical Communication**” conducted by Indian Institute of Technology, Bombay from 08.10.2015 to 05.12.2015.
6. Two –Week ISTE STTP on Introduction to Structural Engineering” conducted by Indian Institute of Technology, Kharagpur from 30.11.2015 to 09.01.2016.
7. Faculty in charge of QEEE Direct –to- student program on Design of Reinforced concrete beam – Design of Concrete Structures conducted by Indian Institute of Technology, Madras on January to April 2017.
8. Short Term course on “**Advances in Geo Environmental Engineering**” conducted by All India Council for Technical Education, @ **IISC Bengaluru** on 27.03.2017 to 31.03.2017.
9. Short Term course on “**Subsurface Investigation of Pavements and Buildings**” conducted by Department of Civil Engineering, National Institute of Technology, Tiruchirapalli on 10.03.2016 to 12.03.2016.
10. Short Term course on “**structural Engineering- fire induced loads**” conducted by All India Council for Technical Education, @ **IISC Bengaluru** on 04.02.2019 to 08.02.2019.

11. Short Term course on “NBA Accreditation” conducted through ICT mode, by NITTTR, Kolkatta from 22.04.2019 to 26.04.2019.
12. Short Term Training Programme on “An Integrated Approach of Engineers Towards: Water, Food, Energy & Climate Nexus In A Challenging World” conducted by Nandha Engineering College, Erode from 27.05.2019 to 01.06.2019.
13. Faculty Development Training Programme on “Marine Infrastructure development: design of ports, terminals, waterways and coastal structures” conducted by Department of Civil Engineering, IIT Bombay from 01.07.2019 to 05.07.2019.

### **PROJECT PROPOSAL RECEIVED**

<b>S.No</b>	<b>Title</b>	<b>Organisation</b>	<b>AMOUNT</b>
1	A student project proposal entitled "Functionally graded concrete using Redmud and Flyash" in August 2017	TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY (TNSCST)	Rs 10,000/ January 2018 Code (ECV 003)

### **Guest Lectures delivered:**

<b><u>Title</u></b>	<b><u>College</u></b>
Emerging trends in concrete technology	Hosur institute of science and technology
Reinforced concrete design	Sengunthar engineering college
Reinforced concrete design	K.S.Rangasamy College of Technology
Design of Reinforced Concrete and Brick Masonry Structures	Vidyaa Vikas College of Engineering and Technology

### **Membership in Professional Bodies :**

1. Life Member, Indian Society of Technical Education (ISTE) – LM 85078.
2. Life Member, Indian Society of Systems for Science and Engineering (ISSE) – LM 05398.



**Personal Details**

Fathers Name : A.M.Palaniappan  
Date of Birth & Age : 02.08.1984 & 35 Years  
Gender : Male  
Marital Status : Married  
Permanent Address : 347/D, K.A.S Nagar Main Street,  
Railway Colony Post,  
Erode – 638 002,  
Tamilnadu, India.