

### **Faculty Profile**

1. Name : Dr. P.SUDHA
2. Designation : ASSOCIATE PROFESSOR
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4. Mobile : 9943672232
5. Membership in Professional bodies : MISTE
6. Research Supervisor recognition no. : -

#### **7. Academic qualification:**

Name of the degree	Specialization	Year of passing	Name of the college	Name of the University	Class obtained
Ph.D	Civil Engineering	2017	K.S.R College of Engineering	Anna University	-
M.E	Structural Engineering	2004	Government College of Engineering, Salem	Anna University	I Class
B.E	Civil Engineering	2001	Karunya Institute of Technology	Bharathiyar University	I Class

#### **8. Academic experience:**

Name of the college	Designation	Joining date	Relieving date	Experience	
				Years	Months
K.S.R College of Engineering	Assistant Professor	01/07/2010	Till date	6	6
K.S.R College of Engineering	Senior Lecturer	01/07/2009	30/06/2010	1	-
K.S.R College of Engineering	Lecturer	18/01/2006	30/06/2009	3	5

**9. Industrial experience:**

Name of the organization	Designation	Nature of work	Joining date	Relieving date	Experience	
					Years	Months
-	-	-	-	-	-	-

**9. Workshop/Seminar/FDP/Conference attended:**

S.No	Title of the course	Venue	Duration
1.	Novelistic Wrinkles in Concrete & Construction Practices	KSRCE	23.09.15
2.	International Workshop on Journal paper Writing and Preparation of Winner Research Proposal.	KSRCE	19.08.15
3.	National conference on Trendy and Sustainable Development In civil Engineering	KSRCE	15.05.15
4.	National conference on Trendy and Sustainable Development In civil Engineering	KSRCE	03.05.14
5.	FDP on 'Disaster Management'	KSRCE	11.05.13 to 24.5.13
6.	Application of Geographic Information System and Remote Sensing for Environmental Science	KSRCE	06.09.13
7.	Trendy and Sustainable Development In civil Engineering	KSRCE	18.04.13 & 19.04.13
8.	CSIR Sponsored Advanced Course on "Uncertainty handling in structural engineering",	SERC, Chennai.	30.01.13 to 02.02.13
9.	Systematic Technology Transfer for Sustainable Material and Structures	KSRCE	22.08.12 to 24.08.12
10.	Fundamentals of Ocean & Coastal Engineering'	KSRCE	02.09.11
11.	International Conference on Civil, Structural and Environmental Engineering	KSRCE	18.02.11 & 19.02.11
12.	AICTE Sponsored National Conference on Advancement in Concrete Technology	KSRCE	23.09.10 & 24.06.10
13.	National Conference on Contemporary Challenges and Pioneering Technologies in Civil	KSRCE	17.05.10&18.05.10

	Engineering		
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#### **10. Workshop/Seminar/FDP/Conference organized:**

<b>S.No</b>	<b>Title of the course</b>	<b>Venue</b>	<b>Duration</b>
1.	Novelistic Wrinkles in Concrete & Construction Practices	K.S.R College of Engineering, Tiruchengode,	23.09.15
2.	National Conference on Advancement in Concrete Technology- (NCACT -10),	K.S.R College of Engineering, Tiruchengode, Tamilnadu.	23 <sup>rd</sup> & 24 <sup>th</sup> Sep – 2010.

#### **11. Paper presented in National & International Conferences:**

1. Vijayashankar, T, <b>Sudha P</b> , Palanisamy T, 'Characteristics study on light weight mortar using expanded perlite aggregate' , Proceedings of Third National Conference on Trendy and Sustainable Development in Civil Engineering, K.S.R. College of Engineering, Tiruchengode, pp.371-375, 15th May 2015.
2. Dhivya P, <b>Sudha P</b> , Palanisamy T, 'Reuse of ceramic waste in concrete with ceramic waste as a partial replacement of cement with and without fibers' , Proceedings of Third National Conference on Trendy and Sustainable Development in Civil Engineering, K.S.R. College of Engineering, Tiruchengode, pp.344-349, 15th May 2015.
3. Muralimohan, N & Palanisamy, T, <b>Sudha, P</b> , "Application of Tamarina indica seed powder in industrial waste water treatment", Proceedings of third national conference on trendy and sustainable Development in Civil Engineering, K.S.R. College of Engineering, Tiruchengode, Tamilnadu, India pp.24. 15th May 2015.
4. Dhivya P, <b>Sudha P</b> , ' Strength Characteristics on concrete with ceramic waste as a partial replacement of cement', Proceedings of National Conference on Recent Trends in cement concrete composites for Structural System, N.S.N College of Engineering and Technology, , pp.566-571, 24th April 2015.
5. Vijayasankar T, <b>Sudha P</b> , ' Experimental study on light weight mortar with expanded perlite as fine aggregate', Proceedings of the National Conferences on Innovations in concrete and Construction, Sona College of Technology, pp: 1-8, April, 2015
6. Aparna Suresh P, Selvaraj, R & <b>Sudha P</b> , 'Characterization study of reactive powder concrete with and without Biofibers, Proceedings of Second National Conference on Trendy and Sustainable Development in Civil Engineering, K.S.R. College of Engineering, Tiruchengode, pp.314 – 321, May 2014.
7. Ramamoorthy P, & <b>Sudha P</b> , 'Study and analysis of various wastages in construction site', Proceedings of Second National Conference on Trendy and Sustainable Development in Civil Engineering, K.S.R. College of Engineering, Tiruchengode, pp.376 – 383, May 2014.

8.	Elanchezhiyan R, Selvaraj R, & <b>Sudha P</b> , 'Characterization study of calcined clay as a partial replacement of Portland cement in Mortars ', Proceedings of National Conference on Trendy and Sustainable Development in Civil Engineering, K.S.R. College of Engineering, Tiruchengode, PP. 71 – 78, 18 <sup>th</sup> & 19 <sup>th</sup> April 2013.
9.	<b>Sudha P</b> & Palanisamy T, 'Comparison on effects of temperature in Sugarcane Bagass ash as a partial replacement of cement in concrete composites – A Review', Proceedings of AICTE Sponsored National Conferences on Advancement in concrete Technology (NCACT – 10), in Civil Engineering, K.S.R. College of Engineering, Tiruchengode, PP. 124-126, Sep 23 & 24, - 2010.
10.	<b>Sudha P</b> & Palanisamy T, 'Sugarcane Bagasse ash as a Cement Replacement Material in Cement Concrete Composites – A Review', Proceedings of National Conferences on Emerging Trends in Civil Engineering, in Civil Engineering, K.S.R. College of Engineering, Tiruchengode, PP. 180-183, Feb 23 <sup>rd</sup> , 2010.

## **12. Journal publications:**

1.	<b>Sudha P</b> , Selvaraj R & Palanisamy T, 'Experimental studies on cement mortar for partial replacement of cement by chemically activated clay ', International Journal of Earth Sciences and Engineering ,Vol.08, no.05, pp 2412-2416, Oct 2015
2.	<b>Sudha P</b> , Selvaraj R & Palanisamy T, 'Intensification of calcined clay as a Pozzolanic material in cement mortar', International Journal of Applied Engineering Research, Vol.10, no.15, pp 35640-35644, Oct 2015
3.	Muralimohan, N & Palanisamy, T, <b>Sudha P</b> , 'A study on Strychnomouspotatorium as natural coagulant for treatment of textile waste water', International journal of advance Engineering and Research Development, Vol.02, no.4, pp. 326-331, Sep 2015.
4.	Vijayshankar T & <b>Sudha P</b> , 'Experimental Study Of Light Weight Mortar With Expanded Perlite As Fine Aggregate', International Journal of Engineering Research and Technology, Vol.11, no.12, pp 219-223, April 2015

## **13. Patent:**

S.No	Author	Title of the invention	status
1.	P.Sudha, Dr.T. Palanisamy & Dr. R. Selvaraj	Claycrete Composite Materials	Registered
2.	P.Sudha, Dr. R. Selvaraj & Dr.T. Palanisamy	Claycrete Panel	Registered

## **14. Funds received from the external agencies:**

S.No	Name of the Agency	Name of the programme	Amount	Status
Nil				

