



**KUMARAGURU COLLEGE OF TECHNOLOGY  
COIMBATORE – 641 049**



**FACULTY PUBLICATION 2015-2016**

S.No.	Name of the faculty	Journal / conference			
		IJ	NJ	IC	NC
1.	Dr.J.Premalatha	7	-	1	2
2.	Dr.P.Eswaramoorthi	6	-	1	3
3.	Dr.K. Ramadevi	8	-	-	2
4.	Dr.A.Gandhimathi	2	-	-	-
5.	Dr. G.L. Sathyamoorthy	1	-	-	-
6.	Mrs.R.Manju	8	-	3	2
7.	Dr.N.Ramsundram	1	-	2	-
8.	Mr.KRP.Satheeshkumar	3	-	1	3
9.	Mr.G.Manikandan	-	-	1	2
10.	Mr.S.Karthikeyan	-	-	1	1
11.	Mrs.Sakhimol B	1	-	2	1
12.	Mr.G.Karthikeyan	1	-	-	2
13.	Mr.A.Vishnu	1	-	1	2
14.	Mr.P.Nandhakumar	1	-	-	1
15.	Ms. S.K. Shivaranjani	1	-	2	-
<b>Total</b>		<b>41</b>	<b>-</b>	<b>15</b>	<b>21</b>
		<b>77</b>			



**DETAILS OF FACULTY PUBLICATIONS**

**Academic Year 2015 – 2016**

Name of the faculty	Title of the paper	Journal / conference Publication details					
		I J	N J	I C	N C	DOI/ISSN/Publisher	Month/ Year
Dr.J.Premalatha	Experimental study on Strength Properties of concrete with partial replacement of aggregate with tyre waste	✓				International Journal of Applied Engineering Research, ISSN 0973-4562, Vol 10, Number 9, pp:6543-6545	Nov 2015
	Study on Behavior of Rectangular Reinforced Concrete Beam With polypropylene Reinforcement	✓				International Journal of Applied Engineering Research, ISSN 0973-4562, Vol 10, Number 9, pp:6521-6525	Nov 2015
	Numerical Model for Rehabilitation of Reinforced Concrete Beam Strengthened with Ultra High Strength Concrete using ANSYS	✓				International Journal of Applied Engineering Research, ISSN 0973-4562, Vol 10, Number 9, pp:13979-13985	Nov 2015
	Artificial neural network based prediction of mechanical properties of SCC	✓				International Journal of Applied Engineering Research, ISSN 0973-4562, Vol 11, Number 3, pp:196-200	2016
	Micro and macro analysis of SCC using various filler materials	✓				International Journal of Applied Engineering Research, ISSN 0973-4562, Vol 11, Number 3, pp:625-630	2016
	Binary, Ternary and Quarternary Effect of Pozzolanic Binders and Filler Materials on the properties of SCC.	✓				International Journal of Advanced Engineering Technology, E-ISSN 0976-3945	2016



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	Influence of filler materials (Limestone powder and marble powder) on the flexural strength of SCC beams, Experimental and Analytical Approaches.	✓				Asian Journal of Research in Social Sciences and Humanities. Vol.6,NO.6, PP: 1898-1907	June 2016
	Eclectic Architecture and Aseismic Design			✓		International conference on energy environment and engineering.	2016
	Damage Identification in structures Using Acoustic Emission and Digital Image Correlation				✓	National Conference on Innovations in Civil Engineering (ICE 2016) at KPR Institute of Engineering and Technology, Coimbatore.	April 2016
	Eclectic Architecture and Aseismic Design				✓	National Conference on Innovations in Civil Engineering (ICEEE- 2016) at Kumaraguru College of Technology, Coimbatore.	April 2016
Dr.P.Eswaramoorthi	Durability Properties of Green High Performance Concrete	✓				International Journal of Applied Engineering Research, ISSN 0973-4562, Vol 10, Number 47, pp:32321-32326	Nov 2015
	Investigation on the Flexural Performance of Green High Performance Reinforced Concrete Beams using Manufactured Sand	✓				International Journal of Applied Engineering Research, ISSN 0973-4562, Vol 10, Number 47, pp:32517-32522	Nov 2015
	Green High Performance Concrete using Eco Sand and Industrial wastes	✓				International Journal of Chemical Science 13(2), ISSN 0972-768X, pp:661-667	Nov 2015
	Behaviour of FRP Reinforced Simply Supported Beams.	✓				International Journal of Advances in Engineering and Emerging Technology(ISSN: 2321-452X)	April 2016
	Pushover Analysis of Steel Frame	✓				International Journal of Advanced Engineering Technology, E-ISSN 0976-3945.	April-June 2016



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	High Performance concrete composite using M-sand.	✓				International Journal of Advanced Engineering Technology, E-ISSN 0976-3945.	April-June 2016
	Study on improvement in strength properties of corrugated roofing sheets with addition of various fibres in the mortar			✓		International conference on energy environment and engineering, Coimbatore Institute of Technology, Coimbatore.	Feb 2016
	Behaviour of FRP Reinforced Simply Supported Beams.				✓	National Conference on Innovative Material and Techniques in Civil Engineering (IMTC-2016) at Karunya University, Coimbatore.	April 2016
	Behaviour of reinforced concrete continuous T-beam in negative moment region				✓	National conference on Innovations In Civil Engineering (ICE 2016) at Kumaraguru College of Technology, Coimbatore.	April 2016
	Behaviour of FRP Reinforced Continuous Beams.				✓	National conference on Innovations In Civil Engineering (ICE 2016) at Kumaraguru College of Technology, Coimbatore.	April 2016
Dr.K.Ramadevi	Utilization of Lathe Waste as Slurry Infiltrated Fibrous Concrete (SIFCON)	✓				International Journal of Applied Engineering Research, ISSN 0973-4562, Vol 10, Number 19, pp:13836-13840	Nov 2015
	Exploring the Possibility of Opening a New Route to Ooty	✓				International Journal of Applied Engineering Research, ISSN 0973-4562, Vol 10, Number 19, pp:15230-15238	Nov 2015
	Experimental Study on the Mechanical Properties of Hemp Fibre Reinforced Concrete	✓				International Journal of Applied Engineering Research, ISSN 0973-4562, Vol 10, Number 19, pp:15224-15229	Nov 2015
	Experimental Study on Concrete with Soil as Replacement of Fine Aggregate	✓				International Journal of Applied Engineering Research, ISSN 0973-4562, Vol 10, Number 19, pp:13831-13835	Nov 2015
	Photo Degradation Studies on Ziram using Homogenous and	✓				ARPN Journal of Engineering and Applied Sciences, Vol 10, Number 14, pp: 6184-6187	August 2015



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	Heterogeneous Photo catalyst						
	Structural concrete using palm kernel shell of partial replacement for coarse aggregate	✓				International Journal of Applied Engineering Research, ISSN 0973-4562, Vol 11, Number 3, pp:205-210	2016
	Investigations on Rebars With mechanical Couplers.	✓				International Journal of Applied Engineering Research, ISSN 0973-4562, Vol 11, Number 3, pp:211-216	2016
	Influence of filler materials (Limestone powder and marble powder) on the flexural strength of SCC beams , Experimental and Analytical Approaches.	✓				Asian Journal of Research in Social Sciences and Humanities. Vol.6,NO.6, PP: 1898-1907	June 2016
	Investigation on reinforced Concrete Beams with coupled reinforcement				✓	National conference on Innovations In Civil Engineering (ICE 2016) at Kumaraguru College of Technology, Coimbatore.	April 2016
	Flexural Behaviour of Light Weight Concrete With palm kernel shell of partial replacement for coarse aggregate				✓	National conference on Innovations In Civil Engineering (ICE 2016) at Kumaraguru College of Technology, Coimbatore.	April 2016
Dr.A.Gandhimathi	Experimental Investigation on Mechanical Properties of Concrete Blended Industrial Waste	✓				International Journal of Applied Engineering Research, ISSN 0973-4562, Vol 10, Number 29, pp:22141-22144	Nov 2015
	Heavy Metal Pollution for Soil in Coimbatore using ANN and Kriging Modelling Techniques	✓				International Journal of Applied Engineering Research, ISSN 0973-4562, Vol 10, Number 29, pp:22145-22148	Nov 2015
Dr. G.L. Sathyamoorthy	Municipal Solid Waste Management in Salem City, India.	✓				Asian Journal of Research in Social Sciences and Humanities, vol.6, No.6, pp: 2189-2208.	June 2016



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Mrs.R.Manju	Exploring the Possibility of Opening a New Route to Ooty	✓				International Journal of Applied Engineering Research, ISSN 0973-4562, Vol 10, Number 19, pp:15230-15238	Nov 2015
	Flexural Behaviour of Self Compacting Concrete Beams with Silica Fume and Fly Ash using ANSYS	✓				International Journal of Applied Engineering Research, ISSN 0973-4562, Vol 10, Number 19, pp:14136-14141	Nov 2015
	Development of Mix Design Procedure for Self Compacting Concrete-State of Art	✓				International Journal of Applied Engineering Research, ISSN 0973-4562, Vol 10, Number 19, pp:14186-14190	Nov 2015
	Experimental Study on the Mechanical Properties of Hemp Fibre Reinforced Concrete	✓				International Journal of Applied Engineering Research, ISSN 0973-4562, Vol 10, Number 19, pp:15224-15229	Nov 2015
	An investigation on the effect of fillers on the properties of Self Compacting Concrete (SCC).	✓				International Journal of Applied Engineering Research, ISSN 0973-4562, Vol 10, Number 19, pp:14334-14345	Nov 2015
	Artificial neural network based prediction of mechanical properties of SCC	✓				International Journal of Applied Engineering Research, ISSN 0973-4562, Vol 11, Number 3, pp:196-200	2016
	Micro and macro analysis of SCC using various filler materials	✓				International Journal of Applied Engineering Research, ISSN 0973-4562, Vol 11, Number 3, pp:625-630	2016
	Binary, Ternary and Quaternary Effect of Pozzolanic Binders and Filler Materials on the properties of SCC.	✓				International Journal of Advanced Engineering Technology, E-ISSN 0976-3945	2016
	Influence of filler materials (Limestone powder and marble powder) on the flexural strength of SCC beams, Experimental and Analytical Approaches.	✓				Asian Journal of Research in Social Sciences and Humanities. Vol.6,NO.6, PP: 1898-1907	June 2016



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	Micro and macro analysis of SCC using various filler materials.			✓	International Conference on Advanced Engineering and Technology for Sustainable Development (ICAETSD 2016) at Karpagam College of Engineering, Coimbatore.	Feb 2016
	Artificial neural network based prediction of mechanical properties of SCC			✓	International Conference on Advanced Engineering and Technology for Sustainable Development (ICAETSD 2016) at Karpagam College of Engineering, Coimbatore.	Feb 2016
	Durability study on self-compacting concrete(SCC)- A state of art report			✓	International Conference on Advanced Engineering and Technology for Sustainable Development (ICAETSD 2016) at Karpagam College of Engineering, Coimbatore.	Feb 2016
	Experimental Investigation of properties of Self Compacting concrete Using Glass Fibre.			✓	National conference on Innovations In Civil Engineering (ICE 2016) at Kumaraguru College of Technology, Coimbatore.	April 2016
	Micro and Durability studies of SCC using various filler materials.			✓	National conference on Innovations In Civil Engineering (ICE 2016) at Kumaraguru College of Technology, Coimbatore.	April 2016
Dr.N.Ramdundram	Predictive Temporal Data-Mining Approach for Evolving Knowledge based Reservoir Operation Rules.	✓			An International Journal- Published for the European Water Resources Association (EWRA), ISSN 0920-4741	May 2016
	Geothermal Renewable Energy to energy ash.			✓	International Conference on Renewable Energy and Sustainable Environment at Dr.Mahalingam College of Engineering and Technology, Coimbatore	Aug 2015
	A Decision tree based rainfall prediction model considering climatic variables			✓	Eight International Perspective on Water Resources and the Environment”, Sri Lanka, ASCE- EWRI	Feb 2016
Mr.KRP.Satheesh Kumar	Fly ash based Geopolymer concrete using potassium hydroxide and potassium silicate	✓			International Journal Of Trends In Computational Engineering And Technology(IJT CET)	April 2016



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	Flyash based geopolymer concrete using potassium hydroxide and potassium silicate	✓				International Journal Of Engineering Science and Computing .ISSN 2321 3361, Vol 6, Number 4, pp:3470-3474	April 2016
	Parametric Study On Stiffness Requirement for Wind Loading On High Rise Building	✓				International Journal of advances in Engineering and Emerging Technology(IJAEET) ISSN 2321-452X, Vol 8, Number 4, pp:324-331	April 2016
	Flyash based geopolymer concrete using potassium hydroxide and potassium silicate			✓		International Conference on Trends in Engineering and Technology (ICTCET 2016) at Tamizhan College of Engineering and Technology, Kanyakumari.	Feb 2016
	Parametric Study On Stiffness Requirement for Wind Loading On High Rise Building				✓	National Conference On Innovations In Materials, Mechanics and Process for Sustainable Development (IMMPD 2016) at CIT, Coimbatore.	2016
	Flyash based Geopolymer concrete using potassium hydroxide and potassium silicate				✓	National conference on Innovations In Civil Engineering (ICE 2016) at Kumaraguru College of Technology, Coimbatore.	April 2016
	Parametric Study On Stiffness Requirement for Wind Loading On High Rise Building				✓	National conference on Innovations In Civil Engineering (ICE 2016) at Kumaraguru College of Technology, Coimbatore.	April 2016
Mr.G.Manikandan	Experimental Study on Ultra High Strength Concrete			✓		International Conference on Current Trends in Engineering and Technology(ICCTET 2016),ACET	April 2016
	Experimental Study on Behaviour of Ultra High Strength Concrete Beams.				✓	National conference on Innovations In Civil Engineering (ICE 2016) at Kumaraguru College of Technology, Coimbatore.	April 2016
	Analytical Study on Ultra High strength Concrete Short Column Under Axial and Eccentric Loading.				✓	National conference on Innovations In Civil Engineering (ICE 2016) at Kumaraguru College of Technology, Coimbatore.	April 2016
Mr.S.Karthikeyan	Study on improvement in			✓		International conference on Energy Environment	2016





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	strength properties of corrugated roofing sheets with addition of various fibres in the mortar				and Engineering.	
	Study on improvement in strength properties of corrugated roofing sheets with addition of various fibres in the mortar			✓	National conference on Innovations In Civil Engineering (ICE 2016) at Kumaraguru College of Technology, Coimbatore.	April 2016
Mrs.Sakhimol.B	Study on structural behavior of Self Compacting Geopolymer concrete elements.	✓			International Journal of Applied Engineering Research, ISSN 0973-4562, Vol 11, Number 3, pp:161-169	2016
	Study on structural behavior of Self Compacting Geopolymer concrete elements.			✓	International Conference on Advanced Engineering and Technology for Sustainable Development (ICAETSD).	Feb 2016
	Urban Water supply systems – A case study on water Network Distribution in Musiri town in Trichy District.			✓	International Conference on Advanced Engineering and Technology for Sustainable Development (ICAETSD).	Feb 2016
	Study on structural behavior of Self Compacting Geopolymer concrete elements.			✓	National conference on Innovations In Civil Engineering (ICE 2016) at Kumaraguru College of Technology, Coimbatore.	April 2016
Mr.G.Karthikeyan	Experimental Study on Flexural Response of Engineered Cementitious Composite(ECC) Strengthened concrete Beams	✓			International Journal of advances in Engineering and Emerging Technology(IJAEET) ISSN 2321-452X, Vol 8, Number 4, pp:332-338	April 2016
	Experimental Study on Flexural Response of Engineered Cementitious Composite(ECC) Strengthened concrete Beams			✓	National Conference On Innovations In Materials, Mechanics and Process for Sustainable Development (IMMPD 2016) at CIT, Coimbatore.	April 2016
	Experimental Study on Flexural			✓	National conference on Innovations In Civil	April



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	Response of Engineered Cementitious Composite(ECC) Strengthened concrete Beams				Engineering (ICE 2016) at Kumaraguru College of Technology, Coimbatore.	2016
Mr.A.Vishnu	Experimental investigation on mechanical properties of basalt fibre reinforced concrete	✓			International Journal of Applied Engineering Research, ISSN 0973 4562 Vol 11, Number 3, pp:201-204	2016
	Experimental investigation on mechanical properties of basalt fibre reinforced concrete			✓	International Conference on Advanced Engineering and Technology for Sustainable Development (ICAETSD).	Feb 2016
	Strength and Durability Study on Basalt Fibre Reinforced Concrete			✓	National Conference On Innovations In Materials, Mechanics and Process for Sustainable Development (IMMPD 2016) at CIT, Coimbatore.	April 2016
	Strength and Durability Study on Basalt Fibre Reinforced Concrete			✓	National conference on Innovations In Civil Engineering (ICE 2016) at Kumaraguru College of Technology, Coimbatore.	April 2016
Mr.P.Nandhakumar	Study on the Behaviour of Seismic and Non seismic Reinforced Concrete Frame under Cyclic Loading	✓			International Journal of advances in Engineering and Emerging Technology (IJAEET) ISSN 2321-452X, Vol 8, Number 4, pp:340-350	April 2016
	Study on the Behaviour of Seismic and Non seismic Reinforced Concrete Frame under Cyclic Loading			✓	National Conference On Innovations In Materials, Mechanics and Process for Sustainable Development (IMMPD 2016) at CIT, Coimbatore.	April 2016
Ms. S.K.Shivaranjani	Solar and UV based Photo Degradation Studies on Paraquat using Homogeneous and Heterogeneous Photocatalyst.	✓			International Journal of Engineering Research and Technology (IJERT), ISSN: 2278-0181	May 2016



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	Solar and UV based Photo Degradation Studies on Paraquat using Homogeneous and Heterogeneous Photocatalyst.			✓		International Conference on Advanced Engineering and Technology for Sustainable Development (ICAETSD 2016) at Karpagam College of Engineering, Coimbatore.	Feb 2016
	Urban Water supply systems – A case study on water Network Distribution in Musiri town in Trichy District.			✓		International Conference on Advanced Engineering and Technology for Sustainable Development (ICAETSD).	Feb 2016