



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



FACULTY PUBLICATION 2014-2015

| S.No. | Name of the faculty | Journal / conference | | | |
|--------------------|----------------------|----------------------|----------|-----------|-----------|
| | | IJ | NJ | IC | NC |
| 1. | Dr.J.Premalatha | - | - | 6 | 4 |
| 2. | Dr.P.Eswaramoorthi | 1 | - | 5 | 4 |
| 3. | Dr.G.L.Sathyamoorthi | 1 | - | - | - |
| 4. | Dr. A.Gandhimathi | - | - | 1 | - |
| 5. | Dr.K. Ramadevi | 2 | - | 6 | 3 |
| 6. | Mrs.R.Manju | - | - | 6 | 2 |
| 7. | Mr. V.Senthilkumar | - | - | 2 | 2 |
| 8. | Dr,N,Ramsundram | - | - | - | - |
| 9. | Mr.KRP.Satheeshkumar | - | - | 2 | 2 |
| 10. | Mrs.Sakhimol B | - | - | 1 | 1 |
| 11. | Shivaranjani S.K. | - | - | 1 | 1 |
| Total | | 4 | - | 30 | 19 |
| Grand Total | | 53 | | | |



DETAILS OF FACULTY PUBLICATIONS

Academic Year 2014 - 2015

| 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 Conference on Engineering Technology and Science, Muthayammal college of Engineering, pp:416-421 | March 2015 |
| | Study on Behaviour of Rectangular Reinforced Concrete Beam with Polypropylene reinforcement | | | ✓ | | International Conference on Engineering Technology and Science, Muthayammal college of Engineering, pp:410-415 | March 2015 |
| | Analytical investigation on the behaviour of precast lightweight sandwich panel with vertical joints. | | | ✓ | | International Conference on Knowledge Collaboration in Engineering at Kathir College of Engineering | March 2015 |
| | Analytical Study on Structural Insulated Panel under Compression | | | ✓ | | International Conference on Knowledge Collaboration in Engineering at Kathir College of Engineering | April 2015 |
| | Numerical Model for Rehabilitation of Reinforced Concrete Beam Strengthened with Ultra High Strength Concrete using ANSYS | | | ✓ | | International Conference on Advanced Engineering Technology for Sustainable Development (ICAETSD 2015), Karpagam College of Engineering. | March 2015 |



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| | An investigation on the effect of fillers on the properties of self Compacting Concrete (SCC). | | | ✓ | International Conference on Advanced Engineering and Technology for sustainable Development(ICAETSD2015) at Karpagam College of Engineering, pp:533-544 | March 2015 |
| | Experimental Study on Strength properties of Concrete with Partial Replacement of Aggregate with Tyre Waste | | | ✓ | National Conference on Innovations in Civil Engineering at Kumaraguru College of Technology, pp:185-192 | April 2015 |
| | Numerical investigation on the behaviour of precast lightweight sandwich panel with vertical joints. | | | ✓ | National Conference on Innovations in Civil Engineering at Kumaraguru College of Technology | April 2015 |
| | Nonlinear Finite Element Analysis on Sandwich wall panel under axial load | | | ✓ | National Conference on Innovations in Civil Engineering at Kumaraguru College of Technology, pp:85-90 | April 2015 |
| | Study on Behaviour of Rectangular Reinforced Concrete Beam with Polypropylene reinforcement | | | ✓ | National Conference on Innovations in Civil Engineering at Kumaraguru College of Technology, pp:13-19 | April 2015 |
| `Dr.P.Eswaramoorthi | Green Concrete made with Industrial Wastes – A Panacea for Ecological and Environmental Problems | ✓ | | | International Journal of Innovative Research in Engineering and Management (IJIREM), ISSN 2350-0557, Vol 3, pp:127-134 | April 2015 |
| | Analysis of Wall Panel using ABAQUS | | | ✓ | International Conference on Advances in Civil Engineering materials and processes (ICACEMAP–2015 at CIT-Coimbatore | Jan 2015 |
| | Analytical study on pushover analysis of steel frame | | | ✓ | International Conference on Advances in Civil Engineering materials and processes (ICACEMAP – 2015 at CIT-Coimbatore | Jan 2015 |
| | Durability Characteristics of High Performance concrete | | | ✓ | International Conference on Advances in Civil Engineering materials and processes (ICACEMAP – | Jan 2015 |



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| | | | | | 2015 at CIT-Coimbatore | |
| | Analytical study on shear strengthening of RC rectangular beams using FRP composites | | | ✓ | International Conference on Advances in Civil Engineering materials and processes (ICACEMAP – 2015 at CIT-Coimbatore | Jan 2015 |
| | Nonlinear finite Element analysis, Testing and Evaluation of infilled concrete blocks | | | ✓ | International Conference on Knowledge Collaboration in Engineering at Kathir College of Engineering | March 2015 |
| | Investigation and Development of coconut Infilled light weight concrete blocks | | | ✓ | National Conference on Innovations in Civil Engineering at Kumaraguru College of Technology, Coimbatore | April 2015 |
| | Study on Shear Strengthening of RC Rectangular Beam using FRP Composites. | | | ✓ | National Conference on Innovations in Civil Engineering at Kumaraguru College Of Technology, Coimbatore, pp:133-135 | April 2015 |
| | Pushover Analysis of Steel Frame | | | ✓ | National Conference on Innovations in Civil Engineering at Kumaraguru College Of Technology, Coimbatore | April 2015 |
| | Structural Damage detection Technique Using ARMA Model | | | ✓ | National Conference on Innovations in Civil Engineering at Kumaraguru College of Technology, Coimbatore, pp:96-102 | April 2015 |
| Dr.G.L.Sathyamoorthi | Biokinetic Coefficients for Anaerobic Hybrid Reactor (AHR) Treating Sago Industry Waste Water | ✓ | | | International Congress of Environmental Research | 2014 |
| Dr.K.Ramadevi | Behaviour of Hybrid Fibre Reinforced Concrete Frames with infills against lateral reversed loads. | ✓ | | | Arabian Journal for Science and Engineering, ISSN NO: 1319-8025 Springer Heidelberg DOI: 10.1007/s13369-014-1273-6 Citation:1 | July 2014 |
| | Flexural Behaviour of Reinforced Concrete Beam with and without GBFS (Granulated Blast Furnace Slag) | ✓ | | | International Journal of Applied Engineering Research, ISSN 0973-4562 Vol.9, Number 24(2014), pp: 28401-28407 | March 2014 |



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|--|---|--|--|---|---|------------|
| | Experimental study on concrete with soil as replacement of fine aggregate | | | ✓ | International Conference on Advanced Engineering and Technology for sustainable Development(ICAETSD2015) at Karpagam College of Engineering, pp:73-76 | March 2015 |
| | Utilization of lathe waste as slurry infiltrated fibrous concrete (SIFCON) | | | ✓ | International Conference on Advanced Engineering and Technology for sustainable Development(ICAETSD2015) at Karpagam College of Engineering, pp:77-80 | March 2015 |
| | Experimental Study on the mechanical properties of hemp fibre reinforced concrete | | | ✓ | International Conference on Advanced Engineering and Technology for sustainable Development(ICAETSD2015) at Karpagam College of Engineering | March 2015 |
| | Exploring the possibility of opening a new route to Ooty | | | ✓ | International Conference on Advanced Engineering and Technology for sustainable Development(ICAETSD2015) at Karpagam College of Engineering | March 2015 |
| | Rate of strength Development of Ultra High Strength Geo Polymer Concrete | | | ✓ | International Conference on Knowledge Collaboration in Engineering at Kathir College of Engineering | March 2015 |
| | Flexural Behaviour of Hemp Fibre Reinforced Concrete Beams | | | ✓ | International Conference on Advanced Engineering and Technology for sustainable Development(ICAETSD2015) at Karpagam College of Engineering | March 2015 |
| | Flexural Behavior of SIFCON Beams using Lathe Waste | | | ✓ | National Conference on Innovations in Civil Engineering at Kumaraguru College Of Technology, Coimbatore | April 2015 |



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| | Rate of strength Development of Ultra High Strength Geo Polymer Concrete | | | | ✓ | National Conference on Innovations in Civil Engineering at Kumaraguru College of Technology | April 2015 |
| | Flexural Behavior of Beam with Soil as replacement of Fine Aggregate | | | | ✓ | National Conference on Innovations in Civil Engineering at Kumaraguru College of Technology | April 2015 |
| Dr. A.Gandhimathi | Environmental Impact Assessments of Heavy Metal on Soil Using ANN Modeling Techniques | | | | ✓ | International Conference on recent innovations in Computer Science and Information Technology, pp:80-83 | Nov 2014 |
| Mrs.R.Manju | Flexural Behavior of Self Compacting Concrete Beams with Silica fume and Flyash using ANSYS | | | | ✓ | International Conference on Advanced Engineering and Technology for sustainable Development(ICAETSD2015) at Karpagam College of Engineering, pp: 463-467 | March 2015 |
| | Development of Mix Design procedure for Self Compacting concrete-State of Art | | | | ✓ | International Conference on Advanced Engineering and Technology for sustainable Development(ICAETSD2015) at Karpagam College of Engineering | March 2015 |
| | Decolorization of Textile Industry Effluent-State of Art | | | | ✓ | International Conference on Advanced Engineering and Technology for sustainable Development(ICAETSD2015) at Karpagam College of Engineering, pp:383-388 | March 2015 |
| | Experimental Study on the mechanical properties of hemp fibre reinforced concrete | | | | ✓ | International Conference on Advanced Engineering and Technology for sustainable Development(ICAETSD2015) at Karpagam College of Engineering, pp:81-84 | March 2015 |
| | Exploring the possibility of opening a new route to Ooty | | | | ✓ | International Conference on Advanced Engineering and Technology for sustainable Development(ICAETSD2015) at Karpagam College of Engineering , pp:85-92 | March 2015 |



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| | An investigation on the effect of fillers on the properties of self Compacting Concrete (SCC). | | | ✓ | International Conference on Advanced Engineering and Technology for sustainable Development(ICAETSD2015) at Karpagam College of Engineering, pp:533-544 | March 2015 |
| | An Experimental study on Behaviour of Self Compacting Concrete Beams under Flexural Loading | | | ✓ | National Conference on Innovations in Civil Engineering at Kumaraguru College Of Technology, Coimbatore, pp:172-178 | April 2015 |
| | Development of Mix Design Procedure for Self Compacting Concrete using MAT-LAB | | | ✓ | National Conference on Innovations in Civil Engineering at Kumaraguru College Of Technology, Coimbatore | April 2015 |
| Mr.V.Senthilkumar | Study on strength properties of Geo-synthetics in Concrete | | | ✓ | International Conference on Advanced Engineering and Technology for Sustainable Development at Karpagam College of Engineering, pp:397-399 | March 2015 |
| | Stress in unbonded tendons for Post-Tension Box Girder Bridges | | | ✓ | International Conference on Trends in Technology for Convergence at AVS College of Engineering, Salem | April 2015 |
| | Experimental Study on Flexural Behaviour of reinforced concrete Beams with Geogrid | | | ✓ | National Conference on Innovations in Civil Engineering at Kathir College of Engineering, pp:29-34 | March 2015 |
| | Stress in unbonded tendons for Post-Tension Box Girder Bridges. | | | ✓ | National Conference on Innovations in Civil Engineering at Kumaraguru College Of Technology, Coimbatore | April 2015 |
| Dr.N.Ramdundram | Geothermal Renewable energy to energy ash | | | ✓ | | |
| Mr.KRP Satheesh Kumar | Study on Effects of Copper Slag and Fly ash in High Performance Concrete | | | ✓ | International Conference on Advanced Engineering and Technology for sustainable Development (ICAETSD2015) at Karpagam College of Engineering, pp:461-465 | March 2015 |
| | Parametric Studies on Thin Cylindrical Shells | | | ✓ | International Conference on Trends in Technology for Convergence at AVS College of Engineering, Salem | April 2015 |
| | Study on Effects of Copper Slag | | | ✓ | National Conference on Innovations in Civil | April |



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| | and Fly ash in High Performance Concrete | | | | Engineering at Kumaraguru College Of Technology, Coimbatore, pp:179-184 | 2015 |
| | Analytical Investigation on Behaviour of Cylindrical Shells | | | ✓ | National Conference on Innovations in Civil Engineering at Kumaraguru College Of Technology, Coimbatore | April 2015 |
| Mrs. Sakhimol B | An investigation on the effect of fillers on the properties of self Compacting Concrete (SCC). | | | ✓ | International Conference on Advanced Engineering and Technology for sustainable Development(ICAETSD2015) at Karpagam College of Engineering, pp:533-544 | March 2015 |
| | An Experimental Investigation On Concrete By Using Recycled Aggregates. | | | ✓ | National Conference on Advancements in Structural, Environmental And Geotechnical Engineering for sustainable Development at Dr.N.G.P Institue of Technology, pp:159-165 | April 2015 |
| Ms.Shivaranjini S.K | Photo Degradation Studies on Ziram using Homogeneous and Heterogeneous Photocatalyst | | | ✓ | International Conference on Advanced Engineering and Technology for Sustainable Development at Karpagam College of Engineering | March 2015 |
| | Degradation of Ziram using Photocatalyst | | | ✓ | National Conference on Advancements in Structural, Environmental And Geotechnical Engineering for sustainable Development at Dr.N.G.P Institue of Technology | April 2015 |