

Thiagarajar College of Engineering, Madurai-625015

Department of Civil Engineering



Journals

Dr. K. Arunachalam

1. Aarthi Karmegam, **Arunachalam Kalidass**, Dileepan Ulaganathan, "Utilization of granite sawing waste in self compacting concrete", Journal of the Croatian association of civil engineers, Vol.66 issue-11, 2014, pp- 997-1006.
2. **K.Arunachalam**,D.P.Madeshwaran,I.Selvarani and K.Sudalaimani "Effect of HDR Dampers in Reducing Lateral Load and Vibration Induced Motion of the Building Structure", New Building Materials and Construction World,Vol.19, Issue-3,September **2013**,pp 168-180.
3. K.Ramesh,**K.Arunachalam** and S.Rooban Chakravarthy "Experimental Investigation on Impact Resistance of Flyash Concrete and Flyash Fiber Reinforced Concrete" International Journal of Engineering Research and Applications, Vol.3,Issue 2,March-April **2013**,pp.990-999.
4. K.Ramesh,**K.Arunachalam** and S.Rooban Chakravarthy "Experimental Investigation on Mechanical Properties of Flyash Concrete and Flyash Fiber Reinforced Concrete" International Journal of Engineering Research and Applications, Vol.3,Issue 3,May-June **2013**,pp.137-145

Dr. K. Sudalaimani

1. **Sudalaimani, K.**, & Shanmugasundaram, M. (2014). Influence of Ultrafine Natural Steatite Powder on Setting Time and Strength Development of Cement. Advances in Materials Science and Engineering, 2014.**Impact Factor : 0.897**
2. Shanmugasundaram, M. & **Sudalaimani, K.**(2014). "An investigation on high performance concrete with ultra fine natural steatite powder." iNFORMATION - An International Interdisciplinary Journal, Vol.17 , Issue 6(A), pp-2267-2273.
3. Shanmugasundaram, M. & **Sudalaimani, K.**(2013). "A study on effect of ultra fine steatite on high performance concrete." Jokull Journal, Vol.63 , No. 7, pp-51-58.

Dr. R. Velkennedy

1. K. Kalidasan, **R. Velkennedy** and P. Rajesh kanna , "Natural convection heat transfer enhancement using nanofluid and time-variant temperature on the square enclosure with diagonally constructed twin adiabatic blocks", Applied Thermal Engineering Journal, Vol. 92, Jan 2016, pp 219-235, Impact Factor 2.739
2. K. Kalidasan, **R. Velkennedy** and P. Rajesh kanna, "Laminar natural convection inside the open, forward-facing stepped rectangular enclosure with a partition and time-variant temperature on the stepped top wall", Journal for International Communications in Heat and Mass Transfer , Vol 67 June 2015, pp 124-136, Impact Factor 2.782
3. A. Ramalinga Chandrasekar, M. Mahendran, R. Vasudevan and **R. Velkennedy**, "Polymer modified bitumen prepared using ABS polymer characterization and application in flexible pavement", ARPN Journal of Engineering and Applied Sciences, Vol.10 No.8, May 2015 pp 3786-3792
4. G. Sathya, **R. Velkennedy** and D. Srividya, " Prioritization of Urban Transport system for Madurai City", International Journal of Innovative Research in Advanced Engineering (IJIRAE) 1, Vol.2, Jan 2015, pp 318-322
5. Kalidasan, K., **R. Velkennedy**, and P. Rajesh Kanna. "Numerical investigation on natural convection inside the side ventilated square enclosure with vertical mid-partition." Numerical Heat Transfer, Part A: Applications, Vol 66(12)2014, pp 1389-1418, Impact Factor 1.975

6. Kalidasan, K., **R. Velkennedy**, and P. Rajesh Kanna. "Buoyancy enhanced natural convection inside the ventilated square enclosure with a partition and an overhanging transverse baffle." *International Communications in Heat and Mass Transfer* Vol. 56 ,2014, pp 121-132, Impact Factor 2.316
7. Kalidasan, K., **R. Velkennedy**, and P. Rajesh Kanna. "Natural Convection Inside the Open Square Enclosure with Diagonally Placed Twin Square Blocks." *Arabian Journal for Science and Engineering* Vol.39(11)2014, pp 8265 – 8277, Impact Factor 0.367
8. Kalphana, K.R, **Velkennedy, R** and Senthil Velmurugan,J, “Remote Sensing and GIS based approach for identification of artificial recharge sites in Vaniyar sub basin, Ponnaiar River, Tamilnadu, India”. *National Journal of Disaster Advances*, Vol.7 (10), October 2014.
9. R. Vasudevan and **R.Velkennedy**.,A technique to dispose waste plastics in as ecofriendly way - Application in construction of flexible pavement,*Journal of Construction and Building Materials; Elsevier Publications; ,* Volume 28, Issue 1, March **2012**, pp 311–320, Impact Factor : 2.818

Dr. S. Nagan

1. A.K.Priya and **S.Nagan** (June 2015), “Remediation of heavy metals from electroplating effluent using bacterial strains in up flow immobilized column reactor”, *Journal of pure and applied microbiology*, Vol. 9(2), pp 1411-1416.
2. B. Kanagapandian and **S. Nagan** (December 2014), “Investigation on non-linear models of reinforced and prestressed concrete beams”, *International Journal of Earth Sciences and Engineering*, Vol:07, Issue:06. **Impact Factor : 0.042**
3. **S. Nagan** and S. Karthiyaini (2014), “A study on load carrying capacity of fly ash based polymer concrete columns strengthened using double layer GFRP wrapping”, *Hindwai – Advances in Materials Science and Engineering*.
4. Karthiyaini, S., and **Nagan, S.** " Behaviour of geopolymer concrete circular column using glass fibre reinforced polymer." *Indian Journal of Engineering and Materials Sciences*, Vol. 21(2014): pp 458-464.**Impact Factor : 0.641**
5. A. Karthik, S. Srinivasan and **S. Nagan** (April 2014) , “ An investigation on flexural behavior of glass fibre reinforced geopolymer concrete beams”, *International Journal of Engineering Sciences and Research Technology*, Vol 3 (4), pp 1963-1968.
6. Sanjay Kumar, R, **Nagan,S** and Balamonica, K.(2013) ‘A Site Specific Seismic Hazard Analysis for the Evaluation of Ground Motion Parameters’ *International Journal of Earth Sciences and Engineering*, 6(01) : 1684 – 1693. **Impact Factor : 0.042**
7. Ponnudurai, R, Sujatha, T and **Nagan,S,(2013)** ‘Analysis of quasi brittle fracture and critical CTOD of high volume flyash concrete notched beams’, *Asian Journal of Civil Engineering* 14(5) :655-663.
8. Kanagalakshmi,A.S and **Nagan,S, (2013)** ‘Impact of land use on environmental quality due to urbanization – A case study – Thirumangalam Taluk, Madurai,’ *Asian Journal of Civil Engineering* 14(2) : 339-348
9. Kannapiran, K, Sujatha, T and **Nagan,S (2013)**. “Resistance of Reinforced Geopolymer Concrete beams to acid and chloride migration.” *Asian Journal of Civil Engineering* 13(4) :225 – 238.
10. Mohana, R. and **Nagan, S.(2013)** “An Experimental Investigation on the Flexural Behavior of Geopolymer Ferrocement Slabs”, *Journal of Engineering and Technology*, Vol.3, No.2, pp.97-104

11. Mohana,R. and **Nagan,S.(2013)**“Bending Behavior of Geopolymer Ferrocement Plates, International Journal of Earth Sciences and Engineering”, Vol.6, No.2, pp.68-74.
12. Vishnu, C.R and **Nagan,S (2012)**. “Bulk Utilisation of fly ash regulations and various options.” Indian Journal of Environmental Protection 32(4) : 283-290
13. Sujatha, T, Kannapiran, K and **Nagan,S (2012)**. “Strength Assessment of heat cured geopolymer concrete slender column.” Asian Journal of Civil Engineering 13(5) : 635 – 646

Dr. S. Arulmary

1. **Dr.S.Arul Mary**, Ms.S.Srimathi, Mr. S.Sudharsan Vakul,(2015) “Quality Assessment of Cement based on its dielectric parameters”, International Journal of Mechanical Civil and Control Engineering, Vol. 1, Issue. 2, April, 2015 ISSN (Online): 2394-8868.
2. **Dr.S.Arul Mary**, Mr. A.Raju, Mr.R.Prem Kumar, Mr.K.Gomathy Raja,(2015) “ Practical Column Study on Hot Rolled Rectangular Hollow Sections – An Experimental Approach”, International Journal of Mechanical Civil and Control Engineering, Vol. 1, Issue. 2, April, 2015 ISSN (Online): 2394-8868.

Dr. G. Chitra

1. **G.Chitra**, P.Vetriselvi and D. Vijayalakshmi, “Carbon Black as an Additive in Conventional Concrete”, International Journal of Emerging Technology and Advanced Engineering, Vol.4, Special Issue 3, pp.194-201, February 2014
2. P. Indira Devi & **G. Chitra**, “Cost of Quality in Construction Industry”, Journal of Rural & Industrial Development, Vol.1, Issue 1, pp.44-49, April 2013

Dr. M.C. Sundarraja

1. **M.C.Sundarraja**, R.Shanthi Priya and S.Radhakrishnan, “Experimental study on the thermal performance of a traditional house with one-sided wind catcher during summer and winter”, *Journal of Energy Efficiency*, Springer Publications, Volume 5, Issue 4, pp 483-496, November 2012; **Impact Factor: 0.961; Citations: 1**
2. **M.C.Sundarraja** R.Shanthi Priya and S.Radhakrishnan, “Evaluation of Traditional Architecture in the coastal region of Nagappattinam using Mahoney tables”, *Journal of Applied Sciences Research*, Vol. 8(1): 582-588, 2012; **Citations: 2**
3. R.Shanthi Priya, **M.C.Sundarraja** and S.Radhakrishnan, “Comparing the thermal performance of traditional and modern building in the coastal region of nagappattinam, tamilnadu”, *Indian Journal of Traditional Knowledge*, Vol.11, No.(3), pp. 542-547, 2012; **Impact factor: 0.438; Citations: 3**
4. R.Shanthi Priya, and **M.C.Sundarraja**, “Solar passive techniques in the Vernacular Buildings of coastal regions in Nagapattinam, Tamil Nadu-India - A qualitative and quantitative analysis”, *Journal of Energy and Buildings*; Elsevier Publications, Volume 49, pp 50–61, June 2012; **Impact Factor: 2.465; Citations: 10**
5. **M.C.Sundarraja** and G.Ganesh Prabhu, “Experimental Study on CFST Members Strengthened by CFRP Composites under Compression”, *Journal of Constructional Steel Research*, Elsevier Publications; Vol. 72, pp 75-83, 2012; **Impact Factor: 1.370; Citations: 10**
6. **M.C.Sundarraja** and S.Sivasankar, “Axial behaviour of HSS tubular sections strengthened by CFRP strips – An Experimental Investigation”, *Journal of Science and Engineering of Composite Materials*, Volume 19, Issue 2, pp 159–168; June 2012; **Impact Factor: 0.593**
7. A.Madhumathi and **M.C.Sundarraja**, “Experimental study of passive cooling of building facade using phase change materials to increase thermal comfort in buildings in hot humid areas”, *International Journal of Energy and Environment*, Volume 3, Issue 5, pp.739-748, 2012. **Citations: 1**

8. S.Sivasankar, T. Thilakranjith, **M.C.Sundarraja**, “Axial behaviour of CFRP Jacketed HSS tubular members- An Experimental investigation”, *International Journal of Earth Sciences and Engineering*. Vol.5 No.06 (10); pp. 1729-1737; December 2012; **Impact Factor: 0.042**.
9. **M.C.Sundarraja** and S.Sivasankar, “Behaviour of CFRP Jacketed HSS Tubular Members Under Compression – An Experimental Investigation”, *Journal of Structural Engineering*, Vol. 39, No. 5, pp. 574-582, December 2012 - January 2013.
10. **M.C.Sundarraja** and G.Ganesh Prabhu, “Behaviour of CFST members under Compression externally reinforced by CFRP Composites”, *Journal of Civil Engineering and Management*, Taylor and Francis Publications Volume 19, Issue 2, pages 184-195; 2013; **Impact Factor: 1.372; Citations: 3**
11. **M.C.Sundarraja**, P.Sriram and G.Ganesh Prabhu, “Strengthening of corroded HSS tubular members using FRP fabrics-An experimental investigation”, *Journal of Engineering and Technology*; Vol 3, Issue 1, pp.17-22; Jan-Jun 2013.
12. **M.C.Sundarraja** and G.Ganesh Prabhu, “Experimental Investigation on Strengthening of CFST Columns Using CFRP Composites”, *International Journal of Earth Sciences and Engineering*; Vol. 06, No.02 (01); pp. 15-20; April 2013; **Impact Factor: 0.042**
13. **M.C.Sundarraja** and G.Ganesh Prabhu, “Performance Enhancement of CFST Members under Flexure Using CFRP Composites”, *International Journal of Earth Sciences and Engineering*; Vol. 06, No.02 (01); pp. 62-67; April 2013; **Impact Factor: 0.042**
14. **M.C.Sundarraja** and G.Ganesh Prabhu, “Axial Strengthening of CFST Members using CFRP Composites” *Journal of Structural Engineering*, Vol. 40, No. 2, pp. 113-120, June - July 2013.
15. **M.C.Sundarraja** and S.Sivasankar, “Experimental Investigation on FRP Confined HSS Tubular Members under Compression” *Journal of Structural Engineering*, Vol. 40, No. 3, pp. 298-304, August - September 2013.
16. G.Ganesh Prabhu and **M.C.Sundarraja**, “Behaviour of Concrete Filled Steel Tubular (CFST) Short Columns Externally Reinforced using CFRP Strips Composite” *Journal of Construction and Building Materials*, Elsevier Publications; 47, pp. 1362–1371, August 2013; **Impact Factor: 2.265; Citations: 5**
17. **M.C.Sundarraja** and G.Ganesh Prabhu, “Flexural Behaviour of CFST members Strengthened using CFRP Composites”, *Steel and Composite Structures*, Technopress, Vol. 15, No. 6, 623-643, 2013; **Impact Factor: 0.719**
18. **M.C.Sundarraja** and G.Ganesh Prabhu, ‘Experimental investigation on strengthening of CFST members under flexure using CFRP fabric’ *Arabian Journal of Science and Engineering*, Springer Publications, Volume 39, Issue 2, pp 659-668, February 2014; **Impact Factor: 0.367; Citations:1**
19. G.Ganesh Prabhu and **M.C.Sundarraja**, ‘Finite element analysis of CFST members externally strengthened by CFRP composites under flexure’, *Journal of Engineering and Technology*; Vol 4, Issue 1, pp.38-47; Jan-Jun 2014.
20. B.Shanmugavalli and **M.C.Sundarraja**, “Behavior of CHS short columns strengthened with CFRP composites under axial compression”, *IOSR Journal of Mechanical and Civil Engineering*; Vol 2; pp.59-66; 2014.
21. V.Viveka, B.Shanmugavalli and **M.C.Sundarraja**, “Analytical Investigation on the Compressive Behaviour of CHS Tubular Columns Strengthened Using FRP Composites”, *International Journal of Civil Engineering Research*, ISSN 2278-3652; Volume 5, Number 4, pp. 345-352, 2014.
22. V.Viveka, B.Shanmugavalli and **M.C.Sundarraja**, “Analytical Investigation on the Compressive Behaviour of CHS Tubular Columns Strengthened Using FRP Composites”, *International Journal of Innovative Research in Science, Engineering and Technology*, ISSN 2319-8753; Volume 3, Special Issue 1, pp. 1582-1585, January 2014; **Impact Factor: 1.682**
23. K.Kalingarani, B.Shanmugavalli and **M.C.Sundarraja**, “Axial compressive behavior of slender CFST members – Analytical investigation”, *International Journal of Innovative Research in Science, Engineering and Technology*, ISSN 2319-8753; Volume 3, Special Issue 1, pp. 22-25, January 2014; **Impact Factor: 1.682**
24. **M.C.Sundarraja**, P.Sriram and G.Ganesh Prabhu, “Strengthening of Hollow Square Sections under Compression Using FRP Composites”, *Advances in Materials Science and Engineering*, Vol. 2014, Article ID 396597, 19 pages, 23rd Feb 2014, doi:10.1155/2014/396597. **Impact Factor: 0.897; Citations: 1**

25. **M.C.Sundarraja**, P.Sriram and G.Ganesh Prabhu, "Performance Enhancement of Corroded Hollow Square Section (HSS) Members Strengthened With CFRP Composites under Compression", *International Journal of Earth Sciences and Engineering*, Vol. 06, No. 06(01), pp. 1659-1666, December 2013; **Impact Factor: 0.042**
26. **M.C.Sundarraja** and P.Sriram, "Investigation on Corroded HSS Tubular Members under Compression Strengthened with CFRP Composites", *Archives of Civil Engineering*, Vol.60(1), pp 145-159, 2014; **Impact Factor: 0.521**
27. A.Madhumathi and **M.C.Sundarraja**, "Understanding Climate For Sustainable Building Design –A Case Study In Warm Humid Region In India", *Journal of Applied Sciences Research*, American-Eurasian Network for Scientific Information, Vol 10(2), pp. 69-87. February 2014.
28. A.Madhumathi and **M.C.Sundarraja**, "Energy efficiency in buildings in hot humid climatic regions using phase change materials as thermal mass in building envelope", *Energy and Environment Journal*, Multi-Science Publishing Co Ltd, Vol 25(8), pp. 1405-1421, 2014; **Citations: 1**
29. **M.C.Sundarraja** and B.Shanmugavalli, "Experimental Investigation on the behaviour of CHS short columns strengthened using FRP composites under compression", *International Journal of Advanced Structures and Geotechnical Engineering*, ISSN 2319-5347, Vol. 03, No. 02, April 2014.
30. A.Madhumathi, **M.C.Sundarraja** and R.Shanthi Priya, "A comparative study of the Thermal Comfort of different building materials in Madurai", *International Journal of Earth Sciences and Engineering*, ISSN 0974-5904, Volume 07 No 03, pp. 1004-1018, June 2014; **Impact Factor 0.042**
31. S.Sivasankar, M.Prem Anand, T.Thilakranjith and **M.C.Sundarraja**, "Finite Element Modeling on Compressive Behaviour of HSS tubular members confined with CFRP Fabrics", *International Journal of Earth Sciences and Engineering*, October 2014; Volume 07 No 05; pp. 890-897; **Impact Factor: 0.042**
32. G.Ganesh Prabhu, **M.C.Sundarraja** and Kim Yun Yong, "Compressive behaviour of circular CFST columns externally reinforced using CFRP composites", *Thin-Walled Structures*, Elsevier Journal Publications, Volume 87, pp. 139–148; February 2015; **Impact factor: 1.432**
33. P.Kiruthika, S.Balaubramanian, **M.C.Sundarraja** and J.Jegan, "Strengthening of concrete filled steel tubular columns using FRP composites", *International Journal of Innovative Research in Science, Engineering and Technology*, Vol. 4, Issue 4, pp. 2250-2259; 2015; **Impact factor: 5.442**
34. V.Dharani Devi and **M.C.Sundarraja**, "Axial behaviour of CHS externally bonded using CFRP strips", *Integrated Journal of Engineering Research and Technology*, pp. 255-263 2015.
35. P.Kiruthika and **M.C.Sundarraja**, "Axial behavior of FRP strengthened slender CFST members", *International Journal of Engineering Research & Technology (IJERT)*, pp. 59-67, 2015.

Dr. R. Ponnudurai

- 1 **Ponnudurai**, R.,Sujatha,T.andNagan, S. "Analysis of Quassi brittle Fracture and Critical CTOD of High Volume Fly Ash Concrete Notched beams" *Asian Journal of Civil Engineering(BHRC)*, Vol14,No.5,pp.655,2013.
- 2 **Ponnudurai** , K. Swaminathan and Dr. S. Nagan "Lateral Load Resisting Capacity of RC Ductile Framed Structure Using Non Linear Static Analysis" *International Journal of Applied Engineering Research* ISSN 0973-4562 Volume 9, Number 20 (2014) pp. 7639-7652© Research India Publications
- 3 **Dr.R. Ponnudurai**, Kanagapandian.B, *Dr.S.Nagan*³ "Effect of Plastic Zone Size on Fracture Parameter for Precracked Steel and Stop Hole Size Determination for Crack Growth Retardation" *International Journal of Applied Engineering Research* ISSN 0973 -4562 vol 10 No 47(2015)
- 4 **Dr.R. Ponnudurai**, Kanagapandian.B, *Dr.S.Nagan* Effect of orientation of load on critical stress Intensity factor for Mixed Mode Conditions *International Journal Applied Engineering Research* ISSN 0973 -4562 vol 10 No 47(2015)

Conferences Proceedings (held abroad)

Dr. M.C. Sundarraja

1. G.G Prabhu, **M.C.Sundarraja**, J.W.Bang, and Y.Y.Kim, “Compressive Behavior of Concrete Filled Steel Tube Confined with FRP Strips”, in *Proceedings of International Conference on Computational & Experimental Engineering and Sciences (ICCES '14)*, Changwon, Jun. 12~17, 2014.

Conferences Proceedings (held in India)

Dr. K. Arunachalam

1. S.Thilagavathi, A.Rajasekar, and **Dr.K.Arunachalam**, “Effect of curing conditions on compressive strength of Ultra High Strength Concrete”, National conference on Advancement in Materials, Construction and Sustainable Environment (AMCSE-2014), Kalasalingam University, Krishnankoil, March 29, pp.43
2. S.Thilagavathi, A.Rajasekar, and **Dr.K.Arunachalam**, “Effect of water cement ratio on workability and compressive strength of Ultra High Strength Concrete”, National conference on Sustainable Building Materials and Methods (NCSBMM 2014), Kamaraj College of Engineering and Technology, Virudhunagar, March 28-29, pp- 70-74
3. V. Sindhuja, M. Vigneshwari and **Dr. K. Arunachalam**, “ Optimization of Mix Design for Ultra High Performance Concrete”, Proceedings of National Conference on Sustainable Building Materials and Methods (NCSBMM 2014), Kamraj College of Engineering and Technology, March 27-28, pp. 172-176.
4. V. Sindhuja, M. Vigneshwari and **Dr. K. Arunachalam**, “ Optimization of Mix Design for Ultra High Performance Concrete Using Particle Packing Model”, Proceedings of National Conference on Corrosion and Health Monitoring of Concrete Structures (NCCHMCS 2014), PSNA college of Engineering and Technology, April 10, pp. 47-52
5. S.Herald Lessly, A.Rajasekar, Dr.K.Sudalaimani, **Dr.K.Arunachalam** (2014), “Influence of cement content and curing regimes on compression behaviour of Ultra High Performance Concrete”, Proceedings of National Conference on Sustainable Building Materials and Methods (NCSBMM 2014), Kamraj College of Engineering and Technology, March 27-28
6. A.Rajasekar, **Dr.K.Arunachalam**, S. Herald Lessly and Dr.K.Sudalaimani (2014), “Durability study on Ultra High Strength Concrete with waste granite sand as partial substitute for aggregate”, seventh national congress on corrosion control, NCCI, CSIR-CECRI, Karaikudi, 21st to 23rd August 2014
7. P.S.Naufal Rizwan, **Dr.K.Arunachalam** and M.Vigneshwari, “ Influence of Marble powder in UHPC – A Review”, International conference on Advances in Sustainable Materials and Innovative Technologies in Civil Engineering, Nehru Institute of Technology, Coimbatore, 5th and 6th December 2014
8. Radha srinivasan, **Dr.K.Arunachalam**, “Utilization of Baggasse ash on concrete”- A Review, International conference on Advances in Sustainable Materials and Innovative Technologies in Civil Engineering, Nehru Institute of Technology, Coimbatore, 5th and 6th December 2014

Dr. R. Velkennedy

1. R.Velkennedy, Transient Analysis on Isolated Single room ventilated building using two dimensional computational fluid dynamic analysis, International conference on Advanced Manufacturing, pp 175:2013
2. R.Velkennedy, A case study of impact of declining water table in suburban and identification of recharge zones, Workshop on securing water and food in an urbanising world ,pp 227-228; 2012

Dr. S. Arulmary

1. **Dr. S. Arul Mary**¹ P.V. Ponambalamoorthi², S. Prasanna Babu², Dr.K.Arunachalam¹(2014) “Structural Health Assessment Using Microwave”, 5th International Congress on Computational Mechanics and Simulation, CSIR-SERC, Chennai, ISBN:978-981-09-1139-3.
2. Dr.S.Arul Mary, Mr.S.Nirmalraj (2015) “cFSM and GBT: Elastic Buckling Behaviour and Capacity of CFS Purlins and Girts Under Uplift Loading Condition”, Proceedings of Third International Conference on Futuristic Trends in Civil Engineering during 7,8th of March 2015, Thiruvalluvar College of Engineering and Technology, Vandavasi.
3. Dr.S.Arul Mary, Ms.R.Sangeetha (2015) ”State of Art on Composite Slab Construction”, Proceeding of International conference on Advances in Sustainable Materials and Innovative technologies in Civil Engineering during 5th and 6th of Dec 2014, Nehru Institute of Technology, Coimbatore.
4. Dr.S. Arul Mary, Dr.K.Arunachalam, Ms.N.S.Padmasri , Ms.H.Vaishnavi and, Mr.E.A.WahidBuhari,, (2015) “Corrosion Investigation of RC Structures Using Microwave Non-Destructive Evaluation” International Conference on Sustainable Energy and Built Environment during 12-13th March 2015, School of Mechanical and Building, VIT University in association with ASCE Indian section, pp 339-342.
5. Dr.S. Arul Mary, Mr. S. Sudarsan Vakul, and Ms.R. Srimathi (2015) “Quality Assesment of Cement Based on Its Dielectric Parameters” International Conference on Sustainable Energy and Built Environment during 12-13th March 2015, School of Mechanical and Building, VIT University in association with ASCE Indian section, pp 945.

Dr. G. Chitra

1. Ms. P. Indhiradevi & Dr. G. Chitra, “Cost of Quality models and their Implementations in Construction Industry”, International Conference on “Situating New Management Philosophy: Nature, Mind and Technology”, Industry Business Academy, Bangalore, 20-22 Feb 2013
2. P. Jeyarani & G. Chitra, “Strengthening of Reinforced Concrete Beam- Column joint using Hybrid Fibre Composites”, International Conference on Futuristic Innovations and Developments in Civil Engg, Mepco Schlenk Engg.,College, Sivakasi, 18-20 April, 2013, pp. 425-428
3. S. Arul Pandiyan & G.Chitra, “Risk Assessment and Management Model for Indian Construction Industry”, International Conference on Civil Engineering Intelligent Society in Pursuit of Advances in Civil Engg, ITM University, Gurgaon, New Delhi Feb 2013
4. M. Vignesh & G.Chitra, “Public Private Partnership in Infrastructure Growth”, International Conference on “Situating New Management Philosophy: Nature, Mind and Technology”, Industry Business Academy, Bangalore, 20-22 Feb 2013
5. S. Somasundar & G.Chitra, “International Conference on Futuristic Innovations and Developments in Civil Engg, Mepco Schlenk Engg., College, Sivakasi”, 18-20 April, 2013
6. S. Arul Pandiyan & G.Chitra, “Risk Assessment and Mathematical Model for Quantifying Risk in Indian Construction Industry, National Conference on Recent Innovations in Civil Engg., ACCET, Karaikudi, March 2013
7. P. Jeyarani & G. Chitra, “Rehabilitation of RC Beam-Column Joints using Natural & Artificial Fibre Composites”, National Conference on “Recent Innovations in Civil Engg.”, Alagappa Chettiar College of Engg. & Tech, Karaikudi, April 2013, pp. 401-408.
8. M.Vignesh & G. Chitra, “Public Private Partnership: The Future of India’s Infrastructure Development”, National Conference on “ENTROIDOS 2013”, Kamaraj College of Engg., Virudhunagar, 16-17 April 2013

Dr. M.C. Sundarraja

1. T.Thilak Ranjit, S.Sivasankar and **M.C.Sundarraja**, “Experimental Investigation on CFRP Strengthened HSS Tubes under Compression”, *National Conference on Civil 20-20*, Karpagam College of Engineering, Coimbatore, pp 30-31, 2012.
2. V.Sindhuja, N.Nirrkuna, T.Karthigai Priya and **M.C.Sundarraja**, “Strengthening of Steel Elements Using Externally Bonded CFRP Composites for Offshore Applications”, *2nd International Conference on Advances in Mechanical, Manufacturing and Building Sciences (ICAMB2012)*, VIT University, Vellore, India, ICAMB 2012, pp 1068-1073, Jan 9-11, 2012
3. T.Thilak Ranjit, S.Sivasankar and **M.C.Sundarraja**, “Experimental Investigation on CFRP Strengthened HSS Tubes under Compression”, *2nd International Conference on Advances in Mechanical, Manufacturing and Building Sciences (ICAMB2012)*, VIT University, Vellore, India, ICAMB 2012, pp 1075-1081, Jan 9-11, 2012.
4. T.Thilak Ranjit, S.Sivasankar and **M.C.Sundarraja**, “Experimental Investigation on CFRP Strengthened HSS Tubes under compression” *National Conference on Recent Trends in Civil Engineering (CONSTRUCT’12)*, St.Xavier’s Catholic College of Engineering, Nagerkoil, March 29-30, 2012.
5. T.Thilak Ranjit, S.Sivasankar and **M.C.Sundarraja**, “Experimental Investigation on CFRP Strengthened HSS Tubes under compression” *International Conference on Advance in Construction, Manufacturing and Automation Research (INCACMA 2012)*, Kongu Engineering College, Perundurai, pp 12, March 30-31, 2012.
6. T.Thilak Ranjit, S.Sivasankar and **M.C.Sundarraja**, “Experimental Investigation on CFRP Jacketed HSS Tubular members under compression” *National Conference on Innovation in Civil Engineering (ICE’12)*, Kumaraguru College of Technology, Coimbatore, pp 42, April 24, 2012.
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