



DEPARTMENT OF CIVIL ENGINEERING

Student Publications

- **Babypriya Devi Tongbram**, presented a paper entitled “*A Comparative study of partial replacement of coarse aggregate with sustainable waste materials*”, International Conference on Innovative product design and intelligent manufacturing system, organised by NIT, Rourkela on 25.11.2022 and 26.11.2022.
- **Shane Abraham** presented a paper entitled “*Behaviour of Self – cured self –compacting concrete filled short channel columns under axial compression*”, International Conference on Innovative product design and intelligent manufacturing system organised by NIT, Rourkela on 25.11.2022 and 26.11.2022.
- **Akhila. C.K**, presented a paper entitled “*Experimental Study on Performance of SCC using Quarry Dust and Silica Fume*” during International Virtual Conference on Sustainable Construction Materials and Technologies (IVCSCMT-2020) organized by AarupadaiVeedu Institute of Technology from 18.06.2020 to 19.06.2020.
- **S.Sudarshan, B.Pradeep Kumar, M.Palani Bharathi, M.Saravanan** presented a paper entitled “*Behaviour of Silica Fume and Rice Husk Ash on Pervious Concrete with Geogrids*” during International Virtual Conference on Sustainable Construction Materials and Technologies (IVCSCMT-2020) organized by AarupadaiVeedu Institute of Technology from 18.06.2020 to 19.06.2020.
- **Armishal Khasain, V.Brightson, Devendran.J, Gabriel Handell Sohkhet** presented a paper entitled “*Experimental Study on Self-Healing Pavement*” during International Virtual Conference on Sustainable Construction Materials and Technologies (IVCSCMT-2020) organized by AarupadaiVeedu Institute of Technology from 18.06.2020 to 19.06.2020.
- **Harimoorthy L, Gokul S** presented a paper entitled “*Thermal Performance of Concrete with Polypropylene and Asbestos Fibre* ” during International Virtual Conference on Sustainable Construction Materials and Technologies (IVCSCMT-2020)organized by AarupadaiVeedu Institute of Technology from 18.06.2020 to 19.06.2020.
- **Gitanjali V, Akhila C K** presented a paper entitled “*Experimental Study on Performance of SCC using Quarry Dust and Silica Fume*” during International Virtual Conference on Sustainable Construction Materials and Technologies (IVCSCMT-2020)organized by AarupadaiVeedu Institute of Technology from 18.06.2020 to 19.06.2020.
- **Vignesh S K, Kabilan S** presented a paper entitled “*Thermal Perfomance of Concrete with Granite and Ceramic Powder*” during International Virtual Conference on Sustainable Construction Materials and Technologies (IVCSCMT-2020) organized by AarupadaiVeedu Institute of Technology from 18.06.2020 to 19.06.2020.



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- **Kameshwaran T, Simeon Barnaba R** presented a paper entitled “*Comparative Study on Performance of Stabilized Soil Subgrade with Cement and Lime*” during International Virtual Conference on Sustainable Construction Materials and Technologies (IVCSCMT-2020) organized by AarupadaiVeedu Institute of Technology from 18.06.2020 to 19.06.2020.
- **Jayashree.S, Ajith Kumar.C, Daniel Praveen.E, Abdul Hameed.A** presented a paper entitled “*Experimental Study on Performance of Partial Replacement of Fine*



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Aggregate With Glass Particles in Concrete” during International Virtual Conference on Sustainable Construction Materials and Technologies (IVCSCMT-2020) organized by AarupadaiVeedu Institute of Technology from 18.06.2020 to 19.06.2020.

- **Venkatesh.D, Sethupathy.B, Kingston.W.K, Vignesh.L** presented a paper entitled “*Assessment of Corrosion Resistance Capacity of Rebars with Protective Coating*” during International Virtual Conference on Sustainable Construction Materials and Technologies (IVCSCMT-2020) organized by AarupadaiVeedu Institute of Technology from 18.06.2020 to 19.06.2020.
- **M Aisvarya, M M Azith, P Bharathi Kumar** presented a paper entitled “*Development of Speed Flow Relationship Model for Highway Traffic Analysis*” during International Virtual Conference on Sustainable Construction Materials and Technologies (IVCSCMT-2020) organized by AarupadaiVeedu Institute of Technology from 18.06.2020 to 19.06.2020.
- **B Vijayalakshmi, S Venkatesan, Sathish Kumar, R Sharma** presented a paper entitled “*Experimental Study on Utilization of Bagasse Ash as Fine Aggregate and Debris as Coarse Aggregate in Concrete*” during International Virtual Conference on Sustainable Construction Materials and Technologies (IVCSCMT-2020) organized by AarupadaiVeedu Institute of Technology from 18.06.2020 to 19.06.2020.
- **Gayathri N, Jemima Patricia Franklin, Githanjali V,** presented a paper and received ***Best Paper Award*** in the National Conference on Urban Resilience to Climatic Change organized by Meenakshi Sundararajan Engineering College on 14.03.2020.
- **Akshaya M, Aswin S, Hemalatha S,** presented a paper entitled, “*Study on behaviour of ferrocement mini-bricks in non-structural cracks in masonry infill*” during National Conference on Mechanical, Aeronautical & Civil Engineering organized by KCG College of Technology on 28.03.2018.
- **UpasanaMonnie Baptist, SreeShivani N, Vinitha G,** presented a paper entitled “*A Comparative Study of Cohesive soil with & without Admixture*” during National Conference on Mechanical, Aeronautical & Civil Engineering organized by KCG College of Technology on 28.03.2018.
- **Pugazhenth V, Vignesh C,** presented a paper entitled, “*Study on the Fresh and Hardened Properties of SCC made with Quarry Dust & GGBS*” during National Conference on Mechanical, Aeronautical & Civil Engineering organized by KCG College of Technology on 28.03.2018.



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- **Saravanan S, Saravana Kumar S, G Varun, J Yakash**, presented a paper entitled "*Investigation on Strength of Concrete by Partial Replacement of River Sand by Manufacture Sand*" during National Conference on Mechanical, Aeronautical & Civil Engineering organized by KCG College of Technology on 28.03.2018.
- **Maheswari K, Nivedha A, Maria Vinnarasi**, presented a paper entitled, "*Experimental Study on SCC with the Partial Replacement by Industrial Waste*" during National Conference on Mechanical, Aeronautical & Civil Engineering organized by KCG College of Technology on 28.03.2018.
- **S Suganya, S Vijayaraghavan**, presented a paper entitled "*Design of Intake Structure for Island Desalination Plant*" during National Conference on Mechanical, Aeronautical & Civil Engineering organized by KCG College of Technology on 28.03.2018.
- **Dilip Kumar T, Gopal V, Mohanraj R**, presented a paper entitled "*Improvement of clay soil and its behaviour*" during National Conference on Mechanical, Aeronautical & Civil Engineering organized by KCG College of Technology on 28.03.2018.
- **Aravindhhan R, Arthi S, Hema Susan L, Ashok Kumar V**, presented a paper entitled "*Study on light weight clay bricks with fly ash*" during National Conference on Mechanical, Aeronautical & Civil Engineering organized by KCG College of Technology on 28.03.2018.
- **Ajay R, Arpith Paul D, Dhinesh Kumar R, Gupeshraja K**, presented a paper entitled "*Study on pervious concrete using Geo-grids and silica fumes*" during National Conference on Mechanical, Aeronautical & Civil Engineering organized by KCG College of Technology on 28.03.2018.
- **Dhiwakar S, Dineshram V N, Gowtham Raj S**, presented a paper entitled, "*Study on reuse of demolished concrete waste for artificial aggregate*" during National Conference on Mechanical, Aeronautical & Civil Engineering organized by KCG College of Technology on 28.03.2018.
- **Naresh, Sathish R, Saravanan R, Atish Kesavan**, presented a paper entitled, "*Study on EPS light weight fly ash brick*" during National Conference on Mechanical, Aeronautical & Civil Engineering organized by KCG College of Technology on 28.03.2018.
- **Raam Balaji V, Sathish Kumar R, Raghul G**, presented a paper entitled "*Experimental investigation of flyash, GGBS, Metakaolin based geopolymer concrete*"



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during National Conference on Mechanical, Aeronautical & Civil Engineering organized by KCG College of Technology on 28.03.2018.

- **Sivakumar Kartheepan, Sakshi Priya Dharshini N S, Sumithra S, Thirumalai Selvam D**, presented a paper entitled, *“Effect of polypropylene fibre and fly-ash on clay soil”* during National Conference on Mechanical, Aeronautical & Civil Engineering organized by KCG College of Technology on 28.03.2018.
- **Sathyanarayanan G, Guliyard Thounaojan, Maitphang Snaitang, Bis wadeep**, presented a paper entitled *“Study of fibre concrete blocks by adding coir fibre”* during National Conference on Mechanical, Aeronautical & Civil Engineering organized by KCG College of Technology on 28.03.2018.
- **Pradeep A, Vijayaraghavan M, Vinod Krishna C, Joshua Ebenezer**, presented a paper entitled, *“BIM Modelling using alternate realities”* during National Conference on Mechanical, Aeronautical & Civil Engineering organized by KCG College of Technology on 28.03.2018.
- **Sathish A K, Ramesh K , Vignesh E, Vignesh S**, presented a paper entitled, *“Study of groundwater quality in industrial area using GIS”* during National Conference on Mechanical, Aeronautical & Civil Engineering organized by KCG College of Technology on 28.03.2018.
- **Vidhya R, Sakunthala Devi S, Samundeeswari C**, presented a paper entitled, *“Groundwater assessment for Kosasthailayar subbasin using remote sensing”* during National Conference on Mechanical, Aeronautical & Civil Engineering organized by KCG College of Technology on 28.03.2018.
- **Satharkhan R, Ranjith Prasanna S R , Venkatesh B, Vignesh S**, presented a paper entitled, *“Experimental study on partial replacement of coarse aggregate with plastic aggregate”* during National Conference on Mechanical, Aeronautical & Civil Engineering organized by KCG College of Technology on 28.03.2018.