


Faculty Profile

Faculty	<p>Prof. Dr Geena George Associate Professor East Point College of Engineering & Technology</p>
	<p>Profile*</p> <p>Dr Geena George did her B. Tech in Civil Engineering in 2000 and MTech Environmental Engineering in 2002, from Government Engineering College, Thrissur Kerala and was topper for batch 2001-2002. She was awarded Ph.D. in Civil Engineering from Visvesvaraya Technological University in the year 2021. A dedicated faculty of Department of Civil Engineering She has an experience of more than 17 years in teaching UG & PG Students. She has published 24 research papers in indexed journals. She has also presented papers in 8 National and International conferences. She has guided more than 20 UG projects and 16 PG projects. She is Life-time Member of Professional Bodies like Institution of Engineers (India) [IEI] and Association of Consulting Civil Engineers (India) ACCE (I).</p>
	<p>Publications</p> <p>Journals</p> <ol style="list-style-type: none"> 1. Experimental Study on Behaviour of Geopolymer Tiles with Flyash and GGBS, International Journal for Scientific Research and Development Volume 11, Issue 7, September 2023 2. Replacement of Fine Aggregate by Iron Ore Tailing (IOT) in Concrete for Sustainable Development. E3S Web Conf. Volume 387, 2023 International Conference on Smart Engineering for Renewable Energy Technologies (ICSERET-2023) https://doi.org/10.1051/e3sconf/202338704012 3. A Case Study on Watershed Study for Flood Mitigation Using Arc GIS of Belgavi Region, Karnataka, India. AMC Indian Journal of Civil Engineering Volume 5, Issue 2, July-December 2022 http://dx.doi.org/10.17010/ijce%2F2022%2Fv5i2%2F172605 4. Planning , Scheduling and Cost Estimation of Villa Project Using Microsoft Project IJRASET September 2022 ISSN:2321-9653 https://doi.org/10.22214/ijraset.2022.46885 5. Relative Study Clash Detection and its Effects on BIM Modelling IJRASET September 2022 https://doi.org/10.22214/ijraset.2022.46881 <hr/> <ol style="list-style-type: none"> 6. Study on characteristic strength of Geopolymer Aggregate Concrete” IOP Conference Series: Earth and Environmental Science, 13 October 2022 https://iopscience.iop.org/journal/1755-1315, IOP Conf. Ser.: Earth Environ. Sci. 1086 012011.

7. Comparative analysis of High Strength Concrete (HSC) by addition of GGBS with Alccofine and Silica fume” Mehran University Research Journal of Engineering and Technology ,01 July 2022 ,41(3)1-13
<https://doi.org/10.22581/muet1982.2203.01>
8. An Experimental Study on Strength and Durability Properties of GGBS based Geopolymer Concrete” International Journal of Scientific Research in Science, Engineering and Technology, March-April-2022, 9 (2): 07-11 <http://dx.doi.org/10.32628/IJSRSET229123>
9. Ground Water Quality Mapping using Arc GIS: A Case study near Mandur Dumping Site, Bangalore,India AMC Indian Journal of Civil Engineering, Vol 4 July-Dec 2021
10. An Experimental Study on the Properties of Geopolymer Aggregates -- An Ecofriendly Alternative to Natural Coarse Aggregates , Indian Journal of Natural Sciences, Vol.12 / Issue 68 / October / 2021
<https://tnsroindia.org.in/journal/issue68>
11. Study on the Effect of Mix Composition and Curing Period on the Microstructure of Geopolymer Aggregates, Journal of Xidian University, ISSN No: 1001-2400. Volume 15, Issue 6, 2021,
<https://doi.org/10.37896/jxu15.6/028>.
12. A Comparison of Project Planning and Scheduling Software’s Primavera and Microsoft Project used in the Construction Industry”, International Journal of Engineering , Technologies and Management Research Volume 8 Issue 9 - September, 2021
<https://doi.org/10.29121/ijetmr.v8.i9.2021>
13. A Review on High Strength Concrete using GGBS with Alccofine and GGBS with Silica Fume, International Journal of Scientific Research in Civil Engineering © 2021 IJSRCE Volume 7 , Issue 1 , ISSN : 2456-6667.
14. A Study on Softwares Used in Project Planning and Management in Construction Projects in India, International Journal of Scientific Research in Civil Engineering © 2021 IJSRCE Volume 7 , Issue 1 , ISSN : 2456-6667.
15. A study on Embodied Energy of Various Building Blocks in the Construction Industry, AMC Indian Journal of Civil Engineering, ISSN -2581-8171 Volume3, July-December 2020.
16. GOT (Generation, Operation and Transformation) of Electricity through Smart Pavement, ,Journal of Emerging Technologies and Innovative Research (JETIR), October 2020, Volume 7, Issue 10.
<https://www.jetir.org/papers/JETIR2010048.pdf>

17. Experimental Study on Strengthening Of R.C Beam Using Glass Fibre Wrapping, SSRG International Journal of Civil Engineering (SSRG-IJCE) – Volume 7 Issue 9 – Sep 2020, <http://dx.doi.org/10.14445/23488352/IJCE-V7I9P105>
18. Evaluation of Strength and Durability of Geo Polymer Concrete, International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181, Vol. 9 Issue 08, August-2020. <http://dx.doi.org/10.17577/IJERTV9IS080287>
19. Study on Characteristic Strength of Concrete Partially Replaced by Geopolymer Aggregates, AMC Indian Journal of Civil Engineering, June 2019.
20. Study on characteristic strength of partially replaced natural aggregates by Flyash aggregates in concrete, Journal of Civil Engineering and Environmental Sciences, 6th September 2018
21. Characterization Study of Fly Ash from various thermal power plants, International Journal of Advances in Science Engineering and Technology, ISSN (p): 2321 –8991, ISSN (e): 2321 –9009 Vol-6, Iss-1, Spl. Issue-1 Feb.-2018.
22. Study On Strength Characteristics of Concrete Using Flyash Aggregate and Quarry Dust, International Journal of Civil and Structural Engineering Research ISSN 2348-7607, Vol. 3, Issue 1, pp: (355-359) April 2015
23. Water Quality Analysis of Lakes in Bangalore, International Journal of Innovative Research & Studies, IJRS ISSN 2319-9725, pp: 522-531, volume 3, Issue 6, June 2014.
24. An Approach Towards Ground Water Mapping Using Geographic Information System, International Journal of Physical & Social Science, Vol 4, Issue 9, Sept-2014, ISSN:2249-5894.

Conferences

1. Light Weight Flyash Aggregate Concrete - An Environmental Friendly Approach” International Conference on Infrastructure Development for Environmental Conservation and Sustenance (INDECS-15) ACE, Hosur, Tamilnadu-635 109, INDIA, 28-30 October 2015
2. XRD Analysis on the Effect of Mix Composition on the Geopolymer Aggregates Under Various Curing Periods”, International Web Conference on Smart Engineering Technologies, June 2020
3. SEM Analysis on the effect of Mix composition and Curing conditions on the Geopolymer Aggregates” International Conference on Multidisciplinary Technologies & Challenges in Industry - 4.0 (ICMTCI-4.0).September18-19,2020
4. Study on Ground Water Quality Analysis near Mandur Dumping Site and Mapping using Arc GIS "National Conference of Emerging

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Trends in Water Quantity & Quality Management (ETWQQM-2021)” Jaipur, April 22-23, 2021

5. Water Quality Mapping using Arc GIS: A Case study near Mandur Dumping Site, International Conference of Emerging Trends in Water Quantity & Quality Management ETWQQM, March 2021
6. Digital Elevation Model Generation using SRTM for Bangalore Rural District 2023 International Conference of Emerging Trends in Water Quantity & Quality Management (ETWQQM-2023)
7. An Experimental Investigation on Sifcon Using Mono Fibers, National conference Recent Advances in Material Science in Engineering RAME 26 -27th July ,2023

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Achievements / Awards / Recognitions
Awards

- 1 Best Paper Award SILVER in ICMTCI-4.0 September 18-19, 2020

Achievements

1. Guided KSCST Student Project- 46th series of Student Project Program (SPP): 2022-23 - 46S_BE_2348 -Recycling of Waste Materials such as Waste Cooking Oil and Ground Tire Rubber for Asphalt Pavement Construction
2. Guided KSCST Student Project Program -43rd Series Project Proposal Reference No: 43SB-E-2532-2020. Watershed Management Strategies for Flood Mitigation: A Case Study of Belgavi Region

Completed NPTEL courses on

- i. Advanced Concrete Technology (2019)
- ii. Maintenance and Repair of Concrete Structures (2020)
- iii. Advanced Topics in the Science and Technology of Concrete (2020)
- iv. Municipal Solid Waste Management (2021)
- v. Waste water Treatment and Recycling (2021)
- vi. Rural water Resources Management (2023)



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Annexure -5