

Mr C.RAJENDRA PRASATH, M.E,

Assistant Professor, Department of Civil Engineering
Velammal College of Engineering and Technology, Madurai

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Blog Address: -

Educational Qualification:

Qualification	Institution	Year	Percentage/CGPA
M.E.,(Structural Engineering)	Mepco Schlenk Engineering College, Sivakasi	2013	8.36
B.E (Civil Engineering)	R.V.S. College of Engineering and Technology, Dindigul.	2010	71

Experience in Years:**Employment History:**

Sl.No.	Designation	Institution	Duration		Experience (in Years and Months)
			From	To	
1.	Assistant Professor	Velammal College of Engineering and Technology, Madurai	08/02/2023	Till Date	-
2.	Assistant Professor	Pandian Saraswathi Yadav Engineering College, Sivaganga	21/09/2022	07/02/2023	04 months
3.	Assistant Professor	PSNA College of Engineering and Technology, Dindigul.	24/06/2015	09/09/2022	7 Years and 2 Months
4.	Assistant Professor	Sethu Institute of Technology, Virudhunagar	15/07/2013	12/05/2015	1 Year and 10 Months

Interested Research Areas: Fiber reinforced concrete, Sustainable materials in concrete structures, Structural Dynamics, Strengthening of corroded elements

Scholarships and Awards received: -

Funded Research Projects: -

Patent rights received: -

Publications Details:

1. Patent Publication Details: -

2. International Journal Publication Details:

1. A study of hybrid fibre reinforced concrete with E-plastic waste, E3S Web of Conferences 405, 03007,2023.
2. Analysis On Improvement of Soft Claysoils by Partial Replacement Of CNS (Cohesive NON-Swelling Soils), European Chemical Bulletin 2023, 12(7), 2315-2337
3. Finite Element Modelling of Reinforced Concrete Element Under Corrosion Effects, Springer - Lecture Notes in Civil Engineering 221,2022.
4. Experimental Investigations on Flexural Behaviour of Self Compacting Concrete Beam with Silica Fume, IOP Conf. Series: Materials Science and Engineering, 1145 (2021) 012101.
5. Performance Analysis of Braced Reinforced Concrete Building in Sloped Terrain, International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249 – 8958, Volume-9 Issue-4, April 2020, pp. 2424-2429.
6. Static and Dynamic Analysis of Cellular Beams, International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-8 Issue-4, November 2019, pp. 7072-7079.
7. Utilization of Industrial Wastes in Glass Fibre Reinforced Concrete, International Journal of Civil Engineering and Technology (IJCET), Volume 9, Issue 11, November 2018, pp. 1178–1184.
8. Experimental Studies on Glass Fibre Reinforced Concrete With Partial Replacement of Fine Aggregate by Foundry Sand, Global Journal of Engineering Science And Researches, Vol 3 (12) December 2016.

3. International Conference Presentation Details:

1. “Investigation on Compressive Strength of Fibre Reinforced Concrete Using Artificial Neural Network Interdisciplinary Approaches in Civil Engineering for Sustainable Development (IACESD-2023), 7th & 8th July 2023 at Jyothy Institute of Technology, Bengaluru.
2. “Cyclic performance of RC Columns strengthened using TRM” “International Conference on Recent Advances in Sustainable Construction Technologies and Environment (ICRASCE-2022)” organized by School of Infrastructure, Department of Civil Engineering, B.S.Abdur Rahman Crescent Institute of Science and Technology during 15.06.2022 & 16.06.2022.
3. “Structural Behaviour of Corroded RC Column Retrofitted With Textile Reinforced Mortar Under Cyclic Loading”, International Conference on Advanced Science and Engineering Research -2020 (ASER-2020), Al-Ameen Engineering College, Erode. 28th March 2020
4. “Analytical Studies on Cellular Beams With Circular Openings” Second International Conference on Sustainable Practices in Civil Engineering (SPICE 2017), KPR Institute of Engineering and Technology Coimbatore, 10 - 11 April 2017, Pg No: 80, ISBN 978-93-86176-74-5.
5. “Experimental Investigation on Glass Fibre Reinforced Concrete Containing E-Plastic Waste”, International Conference on Emerging trends in Engineering and Technology, Pandian Saraswathi Yadav Engineering College, Sivaganaga, 13th -14th March 2015.

6. National Conference Presentation Details:

1. “Flexural Behaviour of Glass Fibre Reinforced Concrete Beams with Partial Replacement of Fine aggregate by Foundry Sand”, National Conference on Recent Advancement in Civil Engineering, P.S.R Engineering College, Sivakasi on 21st March 2014.
2. “Effect of Micro and Nano Particles to Improve the Strength and Corrosion resistance of Concrete”, National Conference on Trendy and Sustainable Development in Civil Engineering, K.S.R College of Engineering, Thiruchengode, 18th &19th April 2013.

6. Google Scholar:

<https://scholar.google.com/citations?user=CzJgMc8AAAAJ&hl=en>

7.Scopus:

<https://www.scopus.com/authid/detail.uri?authorId=57204911107>