

Name of the Faculty with Educational Qualification: **Mr.S.Sasikumar, M.E**  
 Designation and Department: Assistant Professor, Department of Civil Engineering  
 Velammal College of Engineering and Technology, Madurai  
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 Blog Address: NA

**Educational Qualification:**

Qualification	Institution	Year	Percentage/CGPA
M.E. (Construction Engineering & Management)	College of Engineering Guindy, Anna university chennai	2010-2012	75%
B.E (Civil Engineering)	Karunya University, Coimbatore	2006-2010	71%
H.S.C	Chetanna Matric. Hr. Sec. School, Madurai	2006	68%
S.S.L.C	Chetanna Matric. Hr. Sec. School, Madurai	2004	66%

**Experience in Years: Teaching experience – 10 years**

**Employment History:**

Sl.No.	Designation	Institution	Duration		Experience (in years)
			From	To	
1.	Assistant Professor	WACHEMO UNIVERSITY.	17.10.2017	31.07.2022	4yrs 9months
2	Assistant Professor	SATHYABAMA UNIVERSITY	16.06.2014	05.10.2017	3yrs 3months
3	Assistant Professor	T.J.S Engineering College, chennai	13.06.2012	26.04.2014	1yr 10months

**Interested Research Areas:** Geopolymer concrete, Waste materials recycling and utilization in concrete structures and Construction management.

**Scholarships and Awards received:**

- Life time member in Indian Concrete Institute.

**Funded Research Projects:** NA

**Patent rights received: 01.**

**Publications Details:**

**1. Patent Journal Publication Details:**

1. **“Di-hexapole Lightning Arrester for High-raised construction”** Intellectual Property office United Kingdom (UK), Design number-6270281, Grant date 27 march 2023.

**2. International Journal Publication Details:**

1. **“Study on developing mortar-less masonry works as alternative building construction method”** journal paper was published in International Research Journal of engineering and technology Vol.09, Issue 11, P-ISSN:2395-0072; E-ISSN:2395-0056, 2022.
2. **“Artificial Intelligence Based Cooling System For Managing The Energy Efficiency”** Journal paper was published in Journal of Contemporary Issues in Business and Government Vol. 27, No. 1, 2021 P-ISSN: 2204-1990;E-ISSN: 1323-6903, pp 1649-1659,2021.
3. **“Strength Charecteristics of Saw Dust Ash Based Geopolymer Concrete”** journal paper was published in International Journal of Chem Tech Research CODEN (USA): IJCRGG ISSN: 0974-4290 Vol.8, No.2, pp 738-745,2015.
4. **“Effect of Compressive Strength on Concrete by Partial Replacement of Cement with Textile Sludgeand Polypropylene Fibres”** journal paper was published in International Journal of Chem Tech Research CODEN (USA): IJCRGG ISSN: 0974-4290 Vol.8, No.4, pp 2219-2226, 2015.

**3. International Conference Presentation Details:**

**4. National Conference Presentation Details:**

Sl. No.	Programme	Duration		Institution
		From	To	
1	National Conference on Recent Advancements in Geotechnical Engineering 2015, titled “Geotechnical applications in environmental aspects by geopolymer hollow block”	10.04.2015	10.04.2015	Government college of technology Coimbatore.

**5. Workshop and short Term Courses:**

Sl. No.	Programme	Duration		Institution
		From	To	
1	National level one day workshop 2013, titled “Latest Avances on NDT	30.08.2013	30.08.2013	VIT university, Chennai campus.

	Equipments for Concrete”			
2	AICTE sponsored one week QIP short term course on “Finite element methods & Applications in civil engineering”	05.05.2014	09.05.2014	IIT Bombay.
3	Virtual workshop on “Advanced Research Methodology”	03.7.2023	18.07.2023	SRM Ramapuram campus.
4	Virtual short-term program on “Recent trends and future scope in civil engineering”	11.09.2023	15.09.2023	NIT Jamshedpur.

**6. Google Scholar report:**

<https://scholar.google.com/citations?user=gHUKoWMAAAAJ>

**7. Research gate report:**

<https://www.researchgate.net/profile/Sasi-Kumar-18/stats>