

Name of the Faculty with Educational Qualification: **Dr. J. Vinotha Jenifer, M.Tech, Ph.D**
 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
Ph.D	Thiagarajar College of Engineering, Madurai / Anna university, Chennai	2017 – 2021	-
M.Tech. (Structural Engineering)	Karunya University, Coimbatore	2014-2016	8.77
B.E (Civil Engineering)	K.L.N.C.I.T., Pottapalayam (Anna University, Chennai)	2010-2014	8.33
H.S.C	Arul Malar Matric. Hr. Sec. School, Madurai	2009-2010	89%
S.S.L.C	Arul Malar Matric. Hr. Sec. School, Madurai	2007-2008	90%

Experience in Years: Teaching experience – 2 years, Research – 2years

Employment History:

Sl.No.	Designation	Institution	Duration		Experience (in years)
			From	To	
1	Assistant Professor (Teaching)	Velammal College of Engineering and Technology	01.08.2022	Till date	01
2	Senior Research Fellow – Direct (Research)	Sponsoring agency – CSIR, New Delhi Institution- Thiagarajar College of Engineering, Madurai	05.04.2019	05.04.2021	02
3	Assistant Professor (Teaching experience)	KCG College of Technology, Chennai	27.06.2016	28.04.2017	01

Interested Research Areas: Fiber reinforced concrete, Sustainable materials in concrete structures, Waste materials recycling and utilization in concrete structures.

Scholarships and Awards received:

- Secured 37th rank in UG Programme under Anna University, Chennai (2014)
- Received Senior Research Fellowship (SRF- Direct) from CSIR for the doctoral research programme for the period April 2019 – April 2021
- Best paper award at the international conference organised by Hindustan University December 2021 for the theme “Sustainable environment energy and construction”.
- The published review paper INFLUENCE OF BASALT FIBERS IN THE MECHANICAL BEHAVIOR OF CONCRETE - A REVIEW, has been recognized as the **most accessed and top cited article** 2020-2021 by WILEY Publications
- Awarded with **CERTIFICAF OF RECOGNITION** from Anna University Chennai for publishing research in Q1 journals on 23.03.2023
- Acted as an **external review committee member** for the International conference on sustainable technology in civil Engineering and applied science ICSTCA 23 by Ramco Institue of Technology on March 24th and 24th, 2023.
- Acting as a **reviewer for the Journal** : Materials Today

Funded Research Projects: NA

Patent rights received: 1 design patent -Filed

Publications Details:

1. Patent Journal Publication Details: NA

2. International Journal Publication Details:

1. J Vinotha Jenifer, PK Umesha & PA Jacob, ‘A COMPARATIVE STUDY ON ANALYSIS OF TELECOMMUNICATION TOWER WITH DIFFERENT MEMBER CROSS SECTION’, International Journal of Civil Engineering and Technology (IJCIET) , Vol 8, Issue 4 (2017)
2. Vinotha Jenifer John & Brindha Dharmar, ‘EFFECT OF STEEL MACRO FIBERS ON ENGINEERING PROPERTIES OF COPPER SLAG CONCRETE’, Structural Concrete, vol. 21, no. 2, pp. 1-14 (2019), Impact Factor: 3.174.
3. Vinotha Jenifer John & Brindha Dharmar, ‘INFLUENCE OF BASALT FIBERS IN THE MECHANICAL BEHAVIOR OF CONCRETE - A REVIEW’, Structural Concrete, Vol.22, Issue.1, pp. 491-502 (2020) , Impact Factor: 3.174.

4. Vinotha Jenifer John & Brindha Dharmar, “ DEVELOPMENT OF HYBRID STEEL-BASALT FIBER REINFORCED CONCRETE “, Journal of Construction (Revista de la construccion), Vol.20, Issue.1, PP-62-90 (2021). Impact factor 0.8.”
5. Brindha Dharmar & Vinotha Jenifer John. “Load deflection response of steel basalt hybrid fiber reinforced copper slag concrete beams”, Journal of Testing and evaluation, ASTM, Vol 51 Issue 5, 2023. Impact factor 1.33
6. Vinotha Jenifer john, Brindha Dharmar, Annie sweetline Jebarani JP, S. Venkadapriya, M. Pandieswari, “Mechanical and microstructure behavior of basalt fiber reinforced copper slag concrete,” Materials today: proceedings, 2023
7. M. Pandieswari, Brindha Dharmar, Vinotha Jenifer john, “Synthesis of binary blends using phosphate with Ash/Slag in the production of ambient cured geopolymer mortar:, Materials today proceeding, 2023

3. International Conference Presentation Details:

Sl. No.	Programme	Duration		Institution
		From	To	
1	Paper presentation in International conference ICCMS 2022 titled ““Synthesis of binary blends using phosphate with ash/slag in the production of ambient cured geopolymer mortar”	13.12.2022	19.12.2022	ICCMS 2022 by NIT Calicut
2	Paper Presentation in International Conference ICCMS 2022 titled” Mechanical and microstructural properties of copper slag based BFRC”	13.12.2022	19.12.2022	ICCMS 2022 by NIT Calicut
3	International Conference on sustainable environment energy and construction, titled “Gamma radiation shielding properties of hybrid fiber reinforced concrete”	17.12.2021	17.12.2021	Hindustan Institute of Technology and Sciences
4	International conference on built environment science and technology 2021, titled “Load deflection response on HFRC beams”	21.02.2021	21.02.2021	SRM Institute of Technology

4. National Conference Presentation Details: NA

5. Google Scholar report:

<https://scholar.google.com/citations?user=G2xH1cAAAAJ&hl=en>