

FACULTY PROFILE

Name (Capital Letters) : **Dr.B.VENKATESAN**
Designation : **Assistant Professor**
Department : **Civil Engineering**
Mail Id : bvenkatesan188@gmail.com, venkatesan@Autvtl.ac.in

Education Qualification :

Degree	Specialization	University	Awarded Year
B.E.	Civil Engineering	Madurai Kamaraj	2004
M.E	Structural Engineering	Annamalai University- Chidambaram	2006
Ph.D	Civil Engineering	Anna University Chennai	2017

Professional Experience:

Name of the Company / Institutions	Designation	Duration		Experience in Years
		From	To	
Anna University Regional Campus Tirunelveli	Assistant Professor	December 2010	Till Date	
Mohamed Sathak Engineering College,Kilakarai- Ramanathapuram	Lecturer	January 2009	September 2010	1 Year,10 Months
HARE structural Engineers Pvt.Ltd- Chennai	Design Development Engineer	March 2007	December 2008	1Year,9Months
Vinayaga Mission Engineering College- Salem	Lecturer	August 2006	December 2006	5Months

Area of Specialization: Reinforced Concrete Structures, Concrete Technology

Academic / Additional Responsibilities: Civil -Building Maintenance coordinator

Professional Membership: 1) Life fellow of Institution of Engineers (India), Kolkata(MIE)

2) Life fellow The Indian Society of Hydraulics-Hyderabad (ISH)

Research Guidance (mention the total count in each)

- i. PG : 26 Students
- ii. Ph.D: Nil

Publications (National/International):

1. **B.Venkatesan** and R.Ilangovan, *Structural Performance of Beam Column joints Retrofitted with Cementitious laminates* in International Journal of Earth Science Engineering, (ISSN 0974-5904), Vol. 06, No. 1, April 2013, pp. 7 - 14.
2. **B.Venkatesan** and N.Sakthieswaran, *Experimental Studies on waste glass powder in manufacturing of fly ash bricks* in International Journal of Innovative Research and development, (ISSN 2278-0211), Vol. 04, No. 1, April 2015, pp. 332 - 337.
3. **B.Venkatesan** and R.Ilangovan, *Structural behaviour of Beam Column joint Retrofitted with Ferrocement laminates* in International Journal of advanced Engineering Technology, (ISSN 0976-3945), Vol. 07, April 2016, pp. 1272 - 1280.
4. **B.Venkatesan** and R.Ilangovan, *Finite element analysis (FEA) for the Beam Column joint subjected to cyclic loading was performed using ANSYS* in circuits and systems, (ISSN online-2153-1293), Vol. 07, June 2016, pp. 1581-1597.
5. M.Muthuraman and **B.Venkatesan**, *Experimental Investigation of HOFRC beams subjected to cyclic loading* in International Journal of Chemtech Research, (ISSN 0974-4290), Vol. 10, No. 1, November 2017, pp. 48- 59.
6. **B.Venkatesan** and K.Ravichandran *Exploration of competence and cost efficacy of Psychiatry for water off system* in Ecology, Environmental and Conservation (ISSN online-0971-765X), Vol.24, Issue 1 2018, pp. 455-461.
7. B.Priyanka and **B.Venkatesan** *Durability properties of Excavated soil concrete* in International Research Journal of Engineering and Technology (ISSN 2395-0072), Vol.06, Issue 04 2019, pp. 2576-2580.
8. B.Priyanka and **B.Venkatesan** *Experimental study on Concrete with Excavated soil as fine aggregate* in International Research Journal of Engineering and Technology (ISSN 2395-0072), Vol.06, Issue 04 2019, pp. 1704-1709
9. V.Kannan and **B.Venkatesan** *An Experimental study on the Strengthening of concrete column using Glass Fibre wrapping* in Gedrag and Organisatie Review (ISSN 0921-5077), Vol.33, Issue 02 2020, pp. 56-67
10. **B.Venkatesan** and V.J.Lijina *Partial replacement of fine aggregate by steel slag and coarse aggregate by walnut shell in concrete* in Materials today Proceedings journal, publisher Elsevier (available online), 29 august 2020.

11. **B.Venkatesan** and M.Venuga “*Experimental study on concrete using Partial replacement of cement by Alccofine fine aggregate as iron powder*” in Materials today Proceedings journal, publisher Elsevier (available online), 22 September 2020.

Conferences (National/International)

1. **B.Venkatesan** and R.Ilangovan, “*Structural Performance of Beam Column joint Retrofitted with Cementitious laminates*” in the International Conference on Design and application of Structures, Drives, Communicational and Computing systems organised by Department of Civil Engineering, KLN college of Information Technology -Madurai during December 21 -22, 2012.
2. **B.Venkatesan** and R.Ilangovan, “*Structural behaviour of Exterior Beam Column*” in the International Conference on Innovations and advances in Civil Engineering towards green and sustainable systems organised by Department of Civil Engineering, Coimbatore Institute of Technology-Coimbatore ,during April 28 -30, 2014.
3. **B.Venkatesan** and R.Ilangovan, “*Structural Behaviour of Beam Column joint Retrofitted with ferrocement*” in the 2nd International Conference on Advanced Engineering and Technology for sustainable Development organised by Department of Civil Engineering, Karpagam College of Engineering-Coimbatore during February 19 -20, 2016.
4. **B.Venkatesan**, “*study on partial Replacement of cement by Metakaolin and Marble Powder*” in the 2nd International Conference on Career Research Education Alliance Training and Entrepreneurship organized by Department of Civil Engineering, Rohini College of Engineering and Technology-Kanyakumari during 11th March, 2019.
5. **B.Venkatesan**, “*Experimental study on Partial replacement of coarse aggregate by LECA*” in the National level Technical Conference organized by Department of Civil Engineering, University College of Engineering-Dindigul on 13th March, 2020.

Expert Lecture Delivered:

1. Delivered a guest lecture on the topic “*Advanced in Civil Engineering*” at DMI Engineering College, Aralvaimozhi.Nagerkovil on 28.07.2017.
2. Delivered a lecture on FDP program topic “*Design of Steel Structures*” at VV College of Engineering-Tisyanvelai-Tirunelveli dist,on 06.12.17
3. A Resource person on Two-Week Induction programme organized by Anna University Regional campus Tirunelveli in the topic “*Self confidence, Trust and Respect*” at Anna University Regional campus-Tirunelveli,on 09.08.2019

4. Delivered a guest lecture on the topic “*Design of Steel Structural Elements and Structural Analysis II*” at St.Mother Theresa Engineering College, Thoothukudi on 17.02.2020.
5. As a Resource person for One week Online Short Term Training Program (STTP) at Sethu Institute of Technology-Virudhunagar on 04.08.2020.
6. As a Resource person to Delivered the webinar the topic “*Advancement in Self Compacting concrete technology*” at PET Engineering College, Vallioor-Tirunelveli Dist. on 06.11.2020.
7. A Resource person on Two-Week Induction programme organized by Anna University Regional campus Tirunelveli in the topic “*Self confidence, Trust and Respect*” at Anna University Regional campus-Tirunelveli, on 09.11.2020

Short Term Courses, Seminars, Workshop

Organized :

1. A National Level Workshop on *E-tabs and Tall building* was organized by Robokart in association with IIT Bombay conducted on August 30th and 31, 2017 at University College of Engineering-Thoothukudi-628008.
2. Anna University sponsored Six days FDTP on CE8601-Design of Steel Structural Elements organised by Department of Civil Engineering Anna University Regional Campus-Tirunelveli on 25th to 30th November, 2019

Attended :

1. One day workshop on Research Methodology by Anna University of Technology Madurai, October 29, 2010.
2. *Faculty Development Training Programme* organized by University college of Engineering Ramanathapuram, December 17-23, 2012 (sponsored by Centre for faculty Development Anna University-Chennai)
3. *One Day National level workshop on Geo polymer concrete* by Annamalai University, June 13, 2013
4. *Faculty Development Training Programme* organized by University VOC college of Engineering Thoothukudi, June 23-30, 2014 (sponsored by Centre for faculty Development Anna University-Chennai)

5. *Faculty Development Training Programme* organized by KLN College of Information Technology-Madurai May 18-24,2015 (sponsored by Centre for faculty Development Anna University-Chennai)
6. *Faculty Development Training Programme* organized by University college of Engineering-Dindigul,June16-22,2015 (sponsored by Centre for faculty Development Anna University-Chennai)
7. One Day National level workshop on *“Recent Advances in Construction Techniques”* by *Coimbatore Institute of Technology-Coimbatore* August 14,2015
8. *Foundation Skills in Integrated product Development-Train the Trainer Program* organized by Centre for faculty development Anna University Chennai, September27 to October 01, 2015.
9. One Day workshop on *“Thoothukudi Environment Awareness”* by Thoothukudi Maasilla Manahar. August 30,2016
10. *One Day workshop on “Comprehensive Techniques for Enhancing the Quality”* by University VOC college of Engineering-Thoothukudi , September 30,2016
11. Two weeks Program on *“Foundation Program in ICT for Education”* by Indian Institute of Technology Bombay, Conducted by National College of Engineering Tirunelveli, June 03 to September 07, 2017
12. National level Two Days workshop on *“Green construction Techniques for Climate Resilient Affordable Housing”* “Conducted by KPR Institute of Engineering and Technology-Coimbatore, 3rd and 4th September 2017.
13. Two weeks Program on *“Pedagogy for online and blended Teaching-Learning Process”* by Indian Institute of Technology Bombay, Conducted by National College of Engineering Tirunelveli, September 14 to October 12, 2017.
14. Two weeks Faculty Development Programme organized by Department of civil Engineering,”Impact of climatic change on Natural environment and water resources” November 27th to December9th, 2017 (sponsored by AICTE).
15. Six days Faculty Development Training Programme organized by Anna University Regional Campus-Tirunelveli,”Design of Reinforced concrete Elements” June 18-24, 2018 (sponsored by Centre for faculty Development Anna University-Chennai).

16. Two weeks Online Industrial Training Program and One week training on “*Telecom Tower Construction*” Conducted by Rajiv Gandhi Memorial Telecom Training Centre,BSNL-Chennai, May 15th to June 05, 2020.
17. Two weeks Online FDP Program on “*Advanced Concepts for Developing MOOCS*” by MHRD PMMMNMTT -, Conducted by Teaching Learning Centre Ramanujan College –University of Delhi, July 2nd to July 17, 2020.
18. *One Day workshop on “Bridging the Gap between Academic and Industries”* by Anna University Regional campus Tirunelveli , November 11,2020.

Research Projects (ongoing/completed provide details in separate table):

Name of the Project :	Partial sand replacing glass powder bricks
Funding Agency :	Tamil Nadu State Council for Science and Technology, Chennai. (TNSCST)
Amount Sanctioned :	Rs.7500/-
Duration of the Project :	2013-2014

Name of the Project :	Strength and properties of Concrete in Partially replacement of M-sand by steel slag
Funding Agency :	Tamil Nadu State Council for Science and Technology, Chennai. (TNSCST)
Amount Sanctioned :	Rs.7500/-
Duration of the Project :	2018-2019

Name of the Project :	Experimental study on Reinforced Concrete using partial Replacement of Fine aggregate by steel slag and Coarse aggregate by Walnut shell
Funding Agency :	Tamil Nadu State Council for Science and Technology, Chennai. (TNSCST)
Amount Sanctioned :	Rs.7500/-
Duration of the Project :	2019-2020

Patents:

Type	National
Details : Title : A Modern device for Child Protection from abandoned deep bore well	

Honours / Awards:

1. Awarded for *Academic Excellence in Surveying II subject, Certificate of Appreciation* by Anna University Chennai in the year 2012.
2. Awarded *Certified Master Trainer in Foundation skills in Integrated Product development* by Anna University and TEQIP II in the year 2015