

Dr. S. SYED IBRAHIM

Associate Professor

Department of Civil Engineering



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Academic Background:

B.Tech (Civil Engineering), Pondicherry University, Pondicherry, 2004

M.Tech (Advanced Construction Technology), Pondicherry University, Pondicherry, 2007

Ph.D (Structural Engineering), Pondicherry University, Pondicherry, 2018

Areas of Interest:

Fibre Reinforced Concrete, Structural Strengthening

Subject Handled:

B.Tech - Basics of Civil Engineering, Structural Analysis, Strength of Materials, Transportation Engineering, Fluid Mechanics

M.Tech - Prestressed Concrete, Traffic Engineering

Software Proficiency:

AutoCAD, STAAD Pro, ANFIS, ANSYS

Experience (Total Experience):

10 years 4 months

Academics (5 years):

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| 1. July 2007 to April 2008 | 1. Lecturer , V.R.S. College of Engineering and Technology, Villupuram. |
| 2. July 2011 to June 2012 | 2. Assistant Professor , Krishnasamy College of Engineering and Technology, Cuddalore. |
| 3. August 2012 to October 2013 | 3. Assistant Professor , Achariya College of Engineering Technology, Pondicherry. |
| 4. March 2016 to March 2018 | 4. Associate Professor , Teegala Krishna Reddy Engineering College, Hyderabad. |
| 5. January 2020 to Till date | 5. Associate Professor , Ilahia College of Engineering and Technology, Mulavoor, Muvattupuzha. |

Industry (5 years 4 months):

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| 1. June 1999 to June 2001 | 1. Site Supervisor , N. S. Jayaraman & Sons, P.W.D. Contractor, Pondicherry. |
| 2. April 2008 to December 2008 | 2. Project Engineer , Associated Constructions and Investments Co. (ETA - ASCON), Dubai |
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3. January 2009 to June 2011	3. Structural Engineer , Pacific Constructions, Pondicherry.
Professional Association Activities:	1. Member of American Concrete Institute (ACI). 2. Member of American Society of Civil Engineers (ASCE). 3. Member of Association of Scientists, Developers and Faculties (ASDF)
Publications details:	
National/International Journals	1. “Experimental Investigation on FRC Beams Strengthened with GFRP Laminates”, <i>Electronic Journal of Structural Engineering</i>, 15(1): 2015, 55–59. 2. “Structural Performance of Glass Fibre Reinforced Polymer Laminated Steel Fibre Reinforced Concrete Beams”, <i>Asian Journal of Civil Engineering</i>, 17(1): 2016, 59–66. 3. “Behaviour of Hybrid Fibre Reinforced Concrete Beams Strengthened with Polymer Laminates”, <i>Structural Engineering and Mechanics</i>, 66(5): 2018, 631–636. 4. “Numerical Evaluation of Multi-Storied Building with Floating Foundation under Dynamic Loading”, <i>Journal of Engineering Analysis and Design</i>, 1(1): 2019, 1–8.
National/International Conferences	1. “Effect of Hybrid Fibres on the Strength and Ductility of RC Beams”, <i>Proc. of First Annual Conf. on Innovations and Developments in Civil Engineering</i>, 19-20 May 2014, NITK, Surathkal, 552–561. 2. “Structural Performance of Steel Fibre Reinforced Concrete Beams Strengthened with GFRP Laminates”, <i>Proc. of Int. Conf. on Sustainable Energy and Built Environment</i>, ASCE, 12-13 March 2015, VIT University, Vellore, 77–83. 3. “Seismic Analysis of High-Raised Building Under Floating Foundation”, <i>Proc. of Third Int. Conf. on Systems, Science, Control, Communication, Engineering and Technology</i>, 16-17 Feb. 2017, TKR Engineering College, Hyderabad. 4. “Comparative Analysis of Foundations in Black Cotton Soils”, <i>Proc. of Third Int. Conf. on Systems, Science, Control, Communication, Engineering and Technology</i>, 16-17 Feb. 2017, TKR Engineering College, Hyderabad. 5. “Structural Behaviour of Self-Compacting Reinforced Concrete Beams Based on Various Transverse Reinforcement Ratio”, <i>Proc. of Third Int. Conf. on Systems, Science, Control, Communication, Engineering</i>

	<i>and Technology</i>, 16-17 Feb. 2017, TKR Engineering College, Hyderabad. 6. “Adaptive Neuro-Fuzzy Based Model for Performance Evaluation of Hybrid Fibre Reinforced Concrete”, <i>Proc. of First National Conference on Recent Trends in Architecture and Civil Engineering Towards Energy Efficient and Sustainable Development</i>, 10-12 Jan. 2019, NIT Tiruchirappalli, 607–612. 1. “Design for Earthquake Load Modelling Using Critical Excitation Method”, <i>Publication of the Patent Office</i>, Govt. of India, Issue No. 33/2019, 37085. 2. “Long Term Performance of Freeze-Thaw and Corrosion Resistance of Steel fibre Reinforced Concrete Applications”, <i>Publication of the Patent Office</i>, Govt. of India, Issue No. 37/2019, 42141. 3. “Effect Surface Treatment of Recycled Concrete Aggregate on Properties of Fresh and Hardened Concrete”, <i>Publication of the Patent Office</i>, Govt. of India, Issue No. 01/2020, 232.
Patent	
Workshops:	1. One day Oriented Programme on “Prefabricated Buildings – Practices, Challenges, and Directions”, 9th Sept. 2011, Anna University of Technology, Tiruchirappalli. 2. One day National Level Workshop on “Applied Mathematics in Engineering Disciplines”, 22nd March 2012, Krishnasamy College of Engineering and Technology, Cuddalore. 3. One day Workshop on “Recent Trends on Construction Practices”, 16th Nov. 2012, Indian Concrete Institute, Puducherry Centre. 4. Two days 5th All India Chapters Meet on “Engineers without Borders”, 16-17 Dec. 2016, GITAM University, Hyderabad. 5. One day Workshop on “Affordable Housing with Precast Concrete Technology”, 20th Dec. 2016, The Institution of Engineers (India), Telangana State Centre.
Events Organized/Conducted:	1. Co-convener/Executive Committee Member, “Third International Conference on Systems, Science, Control, Communication, Engineering and Technology (ICSSCET 2017)”, 16-17 Feb. 2017, TKR Engineering College, Hyderabad.
Achievements:	1. Qualified in GATE (Graduate Aptitude Test in Engineering) 2005 by the Department of Education,

	Ministry of Human Resource Development (MHRD), Govt. of India.
	2. Selected for the MANFMS (Maulana Azad National Fellowship for Minority Students) by UGC, New Delhi, for the year 2016-17.
	3. Received Certificate of Excellence in Reviewing for “Journal of Sustainable Construction Engineering and Project Management” during the year of 2019.

Add-on Courses Attended:

Other Responsibilities:	1. Reviewer, Structural and Materials Journals, American Concrete Institute (ACI).
	2. Reviewer, American Journal of Civil Engineering, Science Publishing Group.
	3. Editor, Journal of Building Construction, HBRP Publication.
	4. Editor, Journal of Structural Engineering, its Applications, HBRP Publication.
	5. Editor, Journal of Sustainable Construction Engineering and Project Management, HBRP Publication.
