

Dr. Syed Viqar Malik

-Assistant Professor



Qualification: Ph.D., M.Tech (Structural Engineering)

Experience: 5 years 4 months

- Worked as an Asst Professor from 2nd June 2015 to 4th Feb 2017 (1 year 6 months) in Prasad Engineering College.
- Working as an Asst Professor from 6th Feb 2017 to till now in (3 Year 8 months) Vaagdevi College of Engineering.

Area of Interest:

Civil Engineering, Structural Engineering, Fiber reinforced Concrete, Artificial Intelligence in Civil Engineering.

Subjects Taught:

Design of reinforced Concrete Structures, Design of Steel Structures, Finite Element Method, Concrete Technology, Strength of Materials I & II, Structural Analysis I & II, Geotechnical Engineering I & II.

Research Publications:

- Syed Viqar Malik; “A study on effect of nylon and polypropylene fiber hybridization on strength of concrete”, International Journal of Civil Engineering and Technology (IJCIET) Volume 10, Issue 01, January 2019, pp. 2548–2555.
- Syed Viqar Malik, Anil Achyut Kunte, “Structural Behavior Due to Hybridization of Sisal and Nylon Fibers in Concrete”, International Journal of Recent Technology and Engineering (IJRTE), Volume-8 Issue-6, March 2020.
- Dasari Charishma, Pottapenjara Deronika, Syed Viqar Malik, “Study The Effect Of Polypropylene Fiber In Concrete”, Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, , pp. 1-8.

- S. Manasa, Syed Viqar Malik, Farheen; “A Study on Properties on Concrete Made with Recycled Concrete and Admixtures”, International Journal of Management, Technology and Engineering Volume 9 Issue 03 Mar-2019.
- Dole Sreekanth, Mohammad Ali, Syed Viqar Malik; “STEEL FIBER REINFORCED CONCRETE A REVIEW”; Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, , pp. 51-56.
- Farheen, Syed Viqar Malik, S Manasa; “A Study on Strength of Lightweight Foamed Concrete By Using of Polypropylene Fibre”, International Journal of Management, Technology and Engineering, Mar-19.
- Shivaji Bodapatla, Prathyush Arun, Syed Viqar Malik, “SOIL STABILIZATION USING WASTE MATERIALS – A REVIEW”, Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019
- Syed Viqar Malik, Anurag pendiyala, “Experimental Study on Mechanical Properties of Self Curing Concrete”, European Journal of Business and Social Sciences, April 2019
- Anurag Pendiyala, Manoj Gunda, Syed Viqar Malik, “STABILIZATION OF EXPANSIVE SOIL WITH POLYPROPYLENE FIBER”, Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019
- Parsa Bhavana, Syed Viqar Malik; “Design Aspects of Flexible Pavement and Quality Control management” in International Journal of Advanced in Management, Technology and Engineering Sciences, Volume 8, Issue II, FEB/2018 , Pg : 563 – 570.
- Panjala Spandana, Syed Viqar Malik ; “Valuation of Moisture Induced Damage in Asphalt Pavements” in International Journal of Creative Research Thoughts, Vol 6 Issue1, March 2018, Pg: 1248-1252.
- Annapurapu Sandeep Goud, Syed Viqar Malik ; “Performance of Bituminous Mixed with Modified Binders” in International Journal of Advanced in Management, Technology and Engineering Sciences ,Volume 7, Issue 11, 2017, Pg: 271 – 275.
- Yedlapalli Srivani, Syed viqar malik ; “Purification of Water by Rice Husk Filter Bed” in International Journal of Creative Research Thoughts, Vol 6 Issue 2, April 2018, Pg: 2320-2882.
- Annapurapu Sandeep Goud, Syed Viqar Malik; “Determination of Elastic Constant ofCement Mortar Using Ultrasonic Pulse Transmission Technique” in International

Journal of Advanced in Management, Technology and Engineering Sciences, Vol 2, ISSUE 11,Nov 2017.

- Muchakurthi Karthik , Syed Viqar Malik ; “Study on Dynamic Behaviour of Composite Beam” in International Journal of recent trends in Engineering & Research, Volume 2, Issue 7, (07 - 2016), Pg: 300 – 305.
- Gundu Kalyani , Syed Viqar Malik ; “A comparative on Study of delaminated plate and shells” in International Journal of recent trends in Engineering & Research, Volume 2 ,Issue 7, (07 - 2016), Pg: 146 – 154.
- Devath Nagababu, Dr. S Sunil Pratap Reddy, Syed Viqar Malik ; “Dynamic Analysis of Multistoried Regular Building” in International Journal of Engineering Technology Science and Research, Volume 4, Issue 9, September 2017, Pg: 32 – 37.
- Kalbatharla Anith Pranesh, Syed Viqar Malik ; “Resonance Characteristics of Laminated Twisted Composite Cantilever Panel” in International Journal of recent trends in Engineering & Research, Volume 02, Issue 08; August - 2016, Pg 223 – 227.
- Medi Ram Charan, S Sunil Pratap Reddy, Syed Viqar Malik ; “Experimental Behavior of Steel Slag in Concrete” in International Journal of Computer Sciences and Engineering, Vol 5 Issue 9.
- Kuchana Kranthi Kumar, S. Kranthi Kumar, Syed Viqar Malik ; “Structural Behavior of Ferro cement Confined Reinforced Self Compacting Concrete (FCRSCC) Under Axial Compression” in International Journal of Innovative Technology and Research, Vol. 4, Issue No.5, August – September 2016, 3721 – 3723.
- Ramagiri Arjun Kumar, Syed Viqar Malik ; “Experimental Study on Effective Utilization of E-Waste in Concrete” in International Journal of Innovative Technology and Research, Vol. 4, Issue No.6, October – November 2016, 5262-5265.
- Bonagani Rakesh , Syed Viqar Malik, Farheen ; “Experimental study on Torsion Behavior of Flange beam with GFRP” in International Journal for Scientific Research and Development Vol 3, Issue 10, Pg: 411-415.
- A.Jhansi Rani, Syed Viqar Malik ; “Effects and Usage of Silica Fume on Steel Slag Concrete” in International Journal of Innovative Research in Technology, Vol 3, Issue 7, Dec 2016, Pg: 112 – 115.

- Syed Viqar Malik, Farheen; “Shear Strengthening of T beams with FRP composites” in International Journal for Scientific Research and Development, Vol 3, Issue 5, Pg: 240 –244.
- Syed Viqar Malik “Shear Strengthening of T beams with FRP composites II” in International Journal for Scientific Research and Education, Vol. 3 Issue 7 July 2015.
- Pabba Mounika, Maroju Navya, Syed Viqar Malik ; “Design of Residential Building and Analysis with STAAD Pro” International Journal for Scientific Research and Development, Vol. 3, Issue 11, 2016, Pg: 33 – 39.
- Farheen, Syed Viqar malik ; “Experimental study on Use of Waste Glass as admixture in Concrete” International Journal for Scientific Research and Development, Vol. 4, Issue05, 2016, Pg: 38-41.
- Shaik Mashooq Rabbani, Syed Viqar Malik ; “Experimental Study on Dynamic Analysis of Multistorey Steel Structures” in International Journal of Innovative Technology and Research, Volume No.4, Issue No.6, October – November 2016, 5286-5288.
- Farheen, Syed Viqar Malik ; “Experimental study on Self Compacting Concrete” in International Journal for Scientific Research and Development, Vol. 3 Issue 5, 234-236.
- M.Shashivar Rao, Syed Viqar Mallik; “Experimental Study on Replacement of Aggregate with Ceramic Waste and Quarry Sand” in International Journal & Magazine of Engineering, Technology, Management and Research, Vol. 3, Issue 5, May 2016, Pg: 44-47.
- Pendli Renuka, Syed Viqar Malik; “Experimental Study on Strengthening of Deep Beams with Openings with FRP Composites” in International Journal for Scientific Research and Development, Vol.4 Issue 5, 2016, Pg: 885-889.
- Karunkanti Aparna, Syed Viqar Malik; “Earthquake resistant design of ground storey frame building” in International Research Journal of Engineering & Technology, Vol 03 Issue: 07, July-2016, Pg: 1540-1544.

Workshops:

- Organized “Two Day Workshop on Pavement Design, Construction & Management System” at Vaagdevi College of Engineering.

- Organized “One day workshop on “Building Information Modelling Using REVIT Architecture”
- Organized “Two Day hand on training workshop on Computational Structural Engineering Using MIDAS”
- Organized A Seminar on “World Water Day” jointly organized by Institute of Engineers and Vaagdevi College of Engineering
- Attended One-week Short Term Training Program on “Intellectual Property Intelligence & Patent Drafting” at NNRG organised and approved by AICTE-ISTE
- Attended One-week short term training program on “Research methodology & Experimental data analysis” at NNRG organised and approved by AICTE-ISTE
- Attended One day national workshop on Special Concrete at JNTUH-CEH sponsored by TEQUIP-III
- Attended Five-day development program on “Engineering Mechanics” at VCE
- Attended Two-day workshop on “Geospatial Technology” at CJIT in association with LAMBODARA Technologies lmtd.

Conferences:

- Organized “International Conference on Sustainable Construction Materials and Innovation in Civil Engineering” at Vaagdevi College of Engineering.
- Participated in “National Conference on Recent Advances in Civil Engineering” at JNTUH-CEH, Hyderabad
- Participated in International Conference on Recent Research Approaches in Engineering, Management and Multidisciplinary Studies, and presented a paper on “A Review on Performance of Steel Fiber Reinforced Concrete (Sfrc) and Its Applications in Civil Engineering” Organized by Anveshana Educational and Research Foundation at Hotel Illapuram, Vijaywada.
- Participated in International Conference on Research Development in Engineering Technologies, Sciences, Business Management & Multi-Disciplinary Concepts, and presented a paper on “Performance of Fiber Reinforced Concrete” Organized by Anveshana Educational and Research Foundation at Hotel Manvin’s, Goa.

- Participated in International Conference on Latest Research in Engineering Science, and presented a paper on “A Study to Determine Mix Proportion of Concrete with Supplementary Cementitious Materials” Organized by Chaitanya Institute of Technology and Science.
- Participated in 4th International Conference on New Frontiers of Engineering, Science, Management and Humanities, and presented a paper on “Dynamic Analysis of Multistoried Regular Building” Organized by Conference info in association with Academic Science at Osmania University Campus.
- Participated in National Conference on Sustainable Practices & Advances in Civil Engineering, and presented a paper on “Seismic Analysis of Four Storey Building using Equivalent Static Method” at Kakatiya Institute of Technology & Science.

Extracurricular Activities:

- Editor for conference proceedings “International Conference on Sustainable Construction Materials and Innovation in Civil Engineering” with ISBN 978-93-5321-239-1.
- Conference Proceedings at “Advances in Sustainable Construction Materials” (SCM20250 organized by NIT-Jamshedpur published in springer
- Life member at “Indian Society for Technical Education”
- Faculty Coordinator for IGBC- Vaagdevi College of Engineering student’s chapter
- Awarded Gold+ Elite by IIT in course “Design of Reinforced concrete structures” through NPTEL
- Delivered Guest lecture at Shri JJTU
- Delivered Guest lecture at CJIT
- Editorial team member in “International Journal of Engineering Development and Research
- Review member in “International Journal of Emerging Technologies and Innovative Research” an UGC- Approved Journal.

- Review member in “International Journal of Creative Research Thoughts” an UGC-Approved Journal.