

Dr. K. Varun Teja
M.Tech, Ph.D
Assistant Professor (c)
RGUKT-Ongole
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Civil Engineering
+91 9700703322



EDUCATIONAL QUALIFICATIONS

- Under Graduation : Bachelor of Technology in Civil Engineering from Narasaraopet Engineering College, JNTUK University, Kakinada [2009-2013]
- Post Graduation : Masters of Technology in Structural Engineering and Natural Disaster Management from GITAM University, Visakhapatnam [2013-2015]
- Ph.D : Doctor of Philosophy in Structural Engineering from Vellore Institute of Technology, Vellore, VIT University, (2016-2021)
- Research Area(s) : Concrete Technology, Structural Engineering, Fire Resistant materials

EXPERIENCE

- Teaching
- 1 Assistant Professor in Department of Civil Engineering at Rajiv Gandhi University of Knowledge and Technologies, Ongole from 12.06.2021 to Present
 - 2 Assistant Professor in Department of Civil Engineering at Narasaraopet Engineering College, Narasaraopet from 03.09.2015 to 03.07.2016
- Research
- 1 Teaching cum Research Assistant at Vellore Institute of Technology, Vellore, from (2016-2021).
 - 2 Short Bound Internship at National Chiao-Tung University, Taiwan, from (March to June – 2019)

COURSES TAUGHT

- 1 Advanced Structural Engineering
- 2 Design of Steel Structures
- 3 Concrete Technology
- 4 Engineering Mechanics
- 5 Engineering Geology

ADMINISTRATIVE POSITIONS HELD

- 1 Civil works coordinator from October 2021 to present.
- 2 BCDE Co-ordinator for RGUKT-Ongole Campus.
- 3 Department level co-ordinator for Entrepreneurship co-ordinator from August 2021 to present.

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PUBLICATIONS (JOURNALS/ BOOKS/ BOOK CHAPTERS)

- 1 Teja, K. V., & Meena, T. "Performance of Ternary Blended Concrete and Binary Concrete Made with Perlite Powder at Elevated Temperatures," Jordon Journal of Civil Engineering, 14(2), 198-209. (Scopus Indexed)
- 2 Teja, K. V., & Meena, T. (2020). An insight into temperature characteristics of ternary blended concrete with perlite powder. Asian Journal of Civil Engineering, 21(1), 41-48. (Scopus Indexed)
- 3 Teja, K. V., & Meena, T. Experimental Exploration of Perlite Concrete Under Elevated Temperatures (2019). Indian concrete journal, 93(10), 27-33. (Scopus Indexed)
- 4 Teja, K. V., & Meena, T. (2018). Study on temperature resistance concrete. International Journal of Civil Engineering and Technology, 9(4), 1229-1236. (SCOPUS Indexed).
- 5 Teja, K. V., Sai, P. P., & Meena, T. (2017, November). Investigation on the behavior of ternary blended concrete with scba and sf. In IOP Conference Series: Materials Science and Engineering (Vol. 263, No. 3, p. 032012). IOP Publishing. (SCOPUS Indexed).
- 6 Azeez, A., Teja, K. V., & Meena, T. Experimental Study on Mechanical Properties and Micro-Structure of Perlite Powder Concrete Subjected to Elevated Temperatures, International Journal of Recent Technology and Engineering (IJRTE), 7(6), 1350-1357. (SCOPUS Indexed).
- 7 Gnanasoundarya, S., Teja, K. V., & Meena, T. (2017). Experimental study on ternary blended concrete under elevated temperature. International Journal of Civil Engineering and Technology, 8(5), 895-903. (SCOPUS Indexed).
- 8 Khanna, P., Mukulam, A. M., Teja, K. V., & Meena, T. (2018). Study on Durability Properties of Perlite Incorporated Concrete. International Journal of Civil Engineering and Technology, 9(10), 1545-1553. (SCOPUS Indexed).

CONFERENCES ATTENDED/ORGANISED

- 1 Sherin, A., Shino, J., Juhi, M., Teja, K. V*, & Meena, T. "Mechanical and Micro Structural Properties of Perlite Powder Incorporated SCC," Materials Today: Proceedings. (Scopus Indexed).
- 2 Teja, K. V*, & Meena, T. "Compressive Strength of TBC at Elevated Temperatures with Different Cooling Regimes," Advances in Construction Materials and Structures, Chapter-18.
- 3 Teja, K. V., Meena, T., & Reddy A.N. (2018), "Investigation on Metakaolin and Silica fume

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Incorporated Concrete under Elevated Temperature,” International Journal of Computer & Mathematical Sciences, 7(1).

- 4 Reddy, A. N., Meena, T., & Teja, K. V. (2018). Experimental Investigation on Blended Concrete with Alcofine. International Journal of Engineering Technology Science and Research, 5(1), 2018.

FACULTY DEVELOPMENT PROGRAMS/WORKSHOPS ATTENDED/ORGANISED

- 1 Participated in Faculty Development Programme on Futuristic Trends in Civil Engineering from 17-05-2023 to 21-05-2023 at MLRIT Engineering College, Hyderabad.
- 2 Completed the online FDP on Applications of Artificial Intelligence and Machine Learning in Civil Engineering organised by Department of Civil Engineering at R.V.R & J.C College of Engineering on 27-10-2022 to 25-11-2022.
- 3 Online Faculty Development Programme on Advanced Optimization Techniques and hands-on with MATLAB/SCILAB September 6 - 17, 2021.
- 4 Participated on APSSDC online webinar on Innovative Concrete Products for the need of Structural Requirements to Build Durable and Sustainable Buildings held on 28-07-2021.
- 5 Completed the online course on Fundamentals of stress and strain under axial loading authorized by Georgia university through course era on 06-07-2020.
- 6 participated in One Day Hands-on Workshop on Rheology: “Principles, Measurements and Applications (RIO-2018)” on 6 th September 2018, jointly organised by Centre for Biomaterials, Cellular and Molecular Theragnostic (CBCMT), VIT, Vellore & Anton Par, India.

RESEARCH & CONSULTANCY PROJECTS HANDLED

- 1 Study on Temperature Resistant Concrete using Perlite powder at VIT University, Vellore

INFORMATION/ACHIEVEMENTS/AWARDS/CERTIFICATIONS

- 1 Achieved the best Research Award for the Year 2017-2018 in VIT University, Vellore.
- 2 Achieved the best Research Award for the Year 2018-2019 in VIT University, Vellore.
- 3 Won 1st Price in Prashnotare - ICON Conference, 2019, held at VIT University Vellore.

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