



Dr. K. Ashwini

Assistant Professor



Education Qualifications: Doctor of Philosophy (Civil Engineering)
Specialization: Structural Engineering

ADDRESS:

- E – Block 001

JNTUH ID:

36150403-092641

EMAIL: kashwini_civil@mgit.ac.in

DATE OF JOINING: 30-09-2022

EXPERIENCE - 4 Years

- Teaching - 4

SUMMARY:

- Publications - 8
- Conferences - 2

Courses Handled at Under Graduate /Post Graduate Level:

- **UG:** Engineering mechanics, Strength of Materials-I, Structural Analysis-I, Fluid mechanics and Estimation and costing.
- **PG:** Earthquake Resistant Design of Structures

Publications:

1. K. Ashwini and P. Srinivasa Rao, Effect of elevated temperature on strength and durability properties of concrete using nano-silica and alccofine, Research on Engineering Structures & Materials, 2022; 8(1), pp. 101-115.
2. K. Ashwini and P. Srinivasa Rao, Freeze and thaw resistance of concrete using alccofine and nano-silica, Materials Today: Proceedings, 47 (14), 2021, Pp 4336-4340.
3. K. Ashwini and P. Srinivasa Rao, Behavior of concrete using alccofine and nano-silica under elevated temperature, International Journal of Advanced Technology and Engineering Exploration, Vol.8, Issue 78, 600-618, 2021.
4. K. Ashwini and P. Srinivasa Rao, The influence of adding alccofine and nano-silica on the behavior of concrete at elevated temperatures, Indian Journal of Science and Technology, 14(20), 1647-1660, 2021.
5. Ashwini, K., & Rao, P. S., Evaluation of Empirical Relation between Compressive and Flexural Strength of Concrete Partially Using Alccofine and Nano-Silica. In Advanced Materials Research, Trans Tech Publications Ltd., Vol. 1167, 2021, pp. 77-86.
6. K. Ashwini and P. Srinivasa Rao, A Research Article on –Alccofine Concrete, International Journal of Innovative Technology and Exploring Engineering, Volume-9 Issue-5, 2317-2321, March 2020.
7. K. Ashwini and P. Srinivasa Rao, Study of high-performance concrete using nano-silica as an admixture-a review, World Journal of Engineering Research and Technology, Vol. 4, Issue 1, 230-245, 2018.
8. Ashwini A Kota, U R Awari and Priti R Satarkar, Effect of Aspect Ratio and Degree of Truncation on Bending Behaviour of Laminated Composite Conoidal Shell Roof, International Journal of Innovative Research in Science, Engineering and Technology, Vol. 2, Issue 6, June 2013.

Conferences:

1. K. Ashwini and Dr. P. Srinivasa Rao, Evaluation of correlation between compressive and splitting tensile strength of concrete using alccofine and nano silica, IOP Conference Series: Materials Science and Engineering, 1091 (2021) 012056.
2. K. Ashwini and Dr. P. Srinivasa Rao, Experimental studies on Alccofine concrete, International Conference on Recent Developments in Sustainable Infrastructure 2020, Dec 18-21, 2020.

Research & Consultancy:

1. Advisory Board Member in International Journal of Research on Engineering Structures and Materials (RESM) in 2021.