

Name of Faculty Dr. Srikanth Koniki  
 Designation Assistant Professor  
 Nature of Job/Appointment Regular  
 Date of Joining 11 – 04 -2022  
 E-mail Ksrikanth\_civil@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	--	--
PG	M.Tech (Construction Technology & Management)	First
UG	B.Tech(Civil)	First

#### Work Experience

Teaching	03 Years
Research	04 Years
Industry	-
Others	--
Area of Specialization	Construction Technology & Management
Professional Memberships	-
Responsibilities held at Institution Level	--
Responsibilities held at Department Level	Placement coordinator
Research Guidance	--
Courses Handled at Under Graduate / Post Graduate Level.	Construction Engineering & Management
No. of Papers Published	National Journals – International Journals – 5 National Conference – International Conference – 11
Projects Carried out	6 projects at M.Tech Level
Patents	--
Technology Transfer	--
Invited Speaker (Few Important/Prominent)	--
No. of Books/Chapter Published with details	--

Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops. Other Trainings (Attended and/or Organized).

1. AICTE Training And Learning (ATAL) Academy Online FDP on "Artificial Intelligence" from 2020-11-16 to 2020-11-20 at PANIMALAR ENGINEERING COLLEGE
2. Five Day Faculty Development Programme on Organized by Department of Civil Engineering, Institute of Aeronautical Engineering on Global Trends in Civil and Infrastructural Engineering (GTCIE-2020) from 26-05-2020 to 30-05-2020.
3. Faculty Development Programme on Organized by Department of Civil Engineering, Nagpur Institute of Technology on Advances in Civil Engineering from 26-05-2020 to 30-05-2020.
4. One Week Online AICTE MARGDARSHAN FDP on Art of Writing Papers and Research Methodologies during 07 - 13 May 2020.
5. One week Online Development Programme on Research Challenges Opportunities Post COVID (RECOP 2020) Organized by Research and Development Cell and Institutions' Innovation Council of Sri Vasavi Engineering College (Autonomous) during 4-9 May 2020.
6. Two Days National Workshop on Sustainable Technologies in Civil Engineering Perspectives and strategies (STEPS 2019) on 20-21 December 2019.
7. One Week Online Faculty Development Program on "Advances in Sustainable Construction Engineering (ASCE)" during 13 18

- July 2020, organized by the Department of Civil Engineering, Kakatiya Institute of Technology & Science, Warangal (KITSW).
8. Five Day Online Faculty Development Program Organised by Department of Civil Engineering on Technologies For Infrastructure Planning, Design, Monitoring and Management Organised at Nalla Malla Reddy Engineering College During the Period 16th to 20th June 2020.
  9. One-week Faculty Development Program on "PERSPECTIVES OF ONLINE TEACHING AND LEARNING" during 08 - 13 June 2020 organized by the Department of Humanities and Sciences

Details of Journal Publications/  
Conferences (National and  
International)

#### International Journal

1. Koniki Srikanth, and D. Ravi Prasad. "Influence of hybrid fibres on strength and stress-strain behaviour of concrete under uni-axial stresses." *Construction and Building Materials* 207 (2019): 238- 248. (SCI – 4.419)
2. Koniki Srikanth, and P. D. Ravi. "A study on mechanical properties and stress-strain response of high strength concrete reinforced with polypropylene–polyester hybrid fibres." *Cement, Wapno, Beton* 1 (2018): 67-77. (SCI – 1.234)
3. Koniki, S., Kasagani, H., Prathipati, S. R. R. T., & Paluri, Y. (2021). Mechanical behavior of triple-blended hybrid fiber-reinforced concrete: an experimental and numerical study. *Innovative Infrastructure Solutions*, 6(3), 1-14. (Scopus)
4. Koniki Srikanth, and D. Ravi Prasad. "Mechanical properties and constitutive stress–strain behaviour of steel fiber reinforced concrete under uni-axial stresses." *Journal of Building Pathology and Rehabilitation* 4.1 (2019): 6. (Scopus)
5. Prathipati, Koniki Srikanth, et al. "Assessment of fiber distribution characteristics in the hybrid fiber reinforced concrete—An experimental study." *Materials Today: Proceedings* (2020). (Scopus).

#### International Conferences:

1. Chandrakanth, V., and Srikanth Koniki. "Effect of Review elevated temperature on geo-polymer concrete—A Review." *E3S Web of Conferences*. Vol. 184. EDP Sciences, 2020. (Scopus)
2. Ramesh, Vemundla, and Koniki Srikanth. "Mechanical Properties and Mix Design of Geopolymer concrete—A review." *E3S Web of Conferences*. Vol. 184. EDP Sciences, 2020. (Scopus)
3. Niveditha, M., and Srikanth Koniki. "Effect of Durability properties on Geopolymer concrete—A Review." *E3S Web of Conferences*. Vol. 184. EDP Sciences, 2020. (Scopus)
4. K. Srikanth, D. Ravi Prasad. "Mechanical Properties of Polypropylene-Polyester high strength Hybrid Fiber Reinforced Concrete" *International Conference on Trends and Recent Advances in Civil Engineering – TRACE 2016* (Amity University).
5. K Srikanth, D. Ravi Prasad. "Mechanical Properties of Concrete Reinforced With Non-Metallic Hybrid Fibers" -*RTCWRE 2017*.
6. K Srikanth, D. Ravi Prasad. "Enhancement of Mechanical properties and Pre-peak and Post- Peak performance of concrete reinforced with Metallic – Non-Metallic Hybrid Fibers at low fiber volume fractions"-*ICCRMC 2017* (IIT HYD).
7. K Srikanth, D. Ravi Prasad. "A study on mechanical properties of concrete reinforced with hybrid fibers at a low fiber volume fractions" - *ICRACMEP – 2018*.
8. K Srikanth, Dr. D Ravi Prasad. "Study on stress strain behaviour of steel fiber reinforced concrete under uni-axial tension" – *SPACE 2019*. KITS Warangal.
9. K Srikanth, Dr. D Ravi Prasad. "Comparison of bond strength characteristics of polluted and non- polluted rebar by using hypo sludge" – *SPACE 2019*. KITS Warangal
10. Niveditha, K Srikanth. Durability properties of Geo-polymer concrete – A Review. *IconCES 2020 – GRIET Hyderabad*
11. ChandraKanth, K Srikanth. Effect of Elevated temperature on Geo-polymer concrete. *IconCES 2020 – A Review GRIET Hyderabad*.