Faculty Profile

Name: Ms. PRIYA S. NATESH

Designation: Senior Assistant Professor

Teaching Areas: Mechanics of Solids, Bridge Engineering, Analysis of Structures, Engineering Mechanics, Design of Concrete Structures, Design of Steel Structures, Restressed Concrete Structures, Estimation, Costing & Evaluation.

Research Interests: Composite Structures, Fire loading, Composite beams, Steel connections, Earthquake loading on structures, Cyclic Behavior

Education: (Degree, Institution, Location, Year of Completion)

- (Ph.D) – Pursuing from IIT Hyderabad
- M.Tech., Structural Engineering, NIT, Trichy, 2011
- B.Tech, Civil Engineering , College of Engineering, Trivandrum 2009

Journals/Conference/Books/Chapters/Patents/Funded Projects

1. Natesh S. P., Agarwal A. and Choe L. (2022) "Behaviour and design of double angle beam-column connection in fire conditions", Fire Safety Journal, Vol. 134, December 2022
2. Priya S. Natesh and Anil Agarwal (2021) "The Influence of Coping on Long-Span Continuous Beam Under Fire Loading" International Conference on Applications of structural fire engineering, ASFE' 2, by Faculty of Civil and Geodetic Engineering, University of Ljubljana (UL FGG), June 2021.
3. S. N. Priya and Anil Agarwal (2021) "The Effect of stiffness of Supporting System on the Behaviour of Steel-Concrete Composite Beams at Elevated Temperature" International Conference on Advances in Structural Mechanics and Applications (ASMA-2021), NIT Silchar, October 2021(Received Best Paper Award).
4. S. N. Priya and K. Baskar (2021) "Behaviour of Plate Girder designed using Tension field theory under Lateral Cyclic Loading", International Conference on Advances in Structural Mechanics and Applications, NIT Silchar, October 2021.
5. Priya S. Natesh and Anil Agarwal (2020), "The role of end conditions on the behaviour of steel-concrete composite beams in fire", 11th International Conference on Structures in Fire (SiF'20), by The University of Queensland, Australia, December 2020
6. Priya S. Natesh and Anil Agarwal,(2020) "Numerical Modelling of Continuous Composite Beam Under Fire Loading" Chapter 7, Advances in Structural Engineering, Springer Nature, DOI: 10.1007/978-981-15-4079-0_7.
7. Natesh, S, P, Sarma, I, V, & Baskar, K (2018) Tension Field Action in Plate Girder under Various Loading Conditions. International Journal of Civil Engineering and Technology, 9(8), pp. 130-138.
8. Funded Project: Behaviour of Steel Concrete Composite beam under fire, Funding agency: Seed money, IFHE (2020), Amount sanctioned: 2.5 Lakhs