

Sri Kalyana Rama:

Sri Kalyana Rama is presently working as Lecturer, Department of Civil Engineering in Birla Institute of Technology & Science, Hyderabad.

He has done his PhD (Civil Engineering), M.Tech (Structural Engineering) from V R Siddhartha Engineering College, affiliated to Jawaharlal Nehru Technological University (JNTUK), Kakinada, B.Tech (Civil Engineering) from V R Siddhartha Engineering College, affiliated to Acharya Nagarjuna University, Guntur. Currently Pursuing at Birla Institute of Technology and Science, Pilani (BITS Pilani-Hyderabad Campus)

His Research Interests are:

- Fracture mechanics of Concrete and Metals (Analytical, Numerical and Experimental)
- Seismic Performance of High rise structures
- Non-linear behavior of Reinforced Concrete Structures with different plasticity models.
- Behavior of structures with conventional and novel strengthening techniques subjected to lateral Loads-Theoretical and Numerical.
- Scientific ways of mix design for Geo-Polymer Concrete/Self Compacting Concrete incorporating Sustainable Materials.
- Finite element modeling of Composite Materials

His articles were published in various national & international journals like Feasibility studies on the strength characteristics of GGBS based Self-Compacting Geopolymer Concrete, Comparative Study on the Lateral load Resistance of Multi-storied Structure with Bracing Systems, Finite Element modeling of an orthotropic laminated plate under cylindrical bending etc.