

Dr. D. Tensing 's Profile



Dr. D. Tensing M.E, Ph.D.,
Professor

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Academic Background

| Degree | University | Year |
|------------------------------|--|------|
| Ph.D | PSG College of Technology, Bharathiar University | 2003 |
| ME (Structural Engineering). | PSG College of Technology, Bharathiar University | 1993 |
| B.Tech. | Thiagarajar College of Engineering, Madurai Kamarajar University | 1987 |

Courses Taught

- Design of Steel Structures (more than 12 years).
- Advanced Design of Concrete Structures.

- Design of Prestressed Concrete Structures.
- Design and Drawing – Concrete & Steel.
- Basic Structural Design – Timber, Masonry & Steel.
- Structural Analysis .
- Strength of Materials.
- Engineering Mechanics.
- Fluid Mechanics.
- Hydraulic Machinery.
- Optimization Techniques.
- Estimation and costing.
- Water Supply Engineering.
- Sewage and Sewerage Engineering.
- Design and Drawing (Irrigation and Public Health Engineering).
- Building Materials.
- Building Drawing.
- Advanced Concrete Technology.
- Advanced Design of Steel Structures.
- Advanced Design of Concrete Bridges.
- Design of Prestressed Concrete Structures.

Research Interests

- Steel Structures
- Composite Structures
- Fibre Reinforced Structures

Memberships in Professional Bodies

- ISTE – (Life Member)
- Editor/Member of Editorial Board of ‘International Journal of Emerging Technologies and applications in Engineering Technologies and sciences’
- Reviewer for Elsevier Journal CONBUILDMAT-D-16-04402

Most Recent Publications

- Jebadurai, S.V.S., Tensing, D., Daniel, C., Arunraj, E., Hemalatha, G. “Analytical approach to estimate equivalent strut width for wire meshed masonry infilled RC frame under dynamic loading, Civil Engineering and Architecture, 2021, 9(4), pp. 1198–1205.
- Cruze, D., Gladston, H., Loganathan, S., Dharmaraj, T., Solomon, S.M, ‘Study on Magnatec oil-based MR fluid and its damping efficiency using MR damper with various annular gap configurations’, Energy, Ecology and Environment, 2021, 6(1), pp. 44–54.
- Rakshita, R., Daniel, C., Hemalatha, G., ...Tensing, D., Sundar Manoharan, S. ‘Studies on Modeling and Control of RCC Frame with MR Damper’, Lecture Notes in Civil Engineering, 2021, 78, pp. 223–234.
- Tensing, D., Vincent Sam Jebadurai, S., Joe Paulson, A., Devadass, C.S.C., “Experimental studies on application of bamboo reinforcement in concrete stools” Test Engineering and Management, Volume 83, 30 April 2020, Pages 18295-18305.
- Shobby Margret, L., Tensing, D., Vincent Sam Jebadurai, S., Kevin Jeffrey, P., Rahul, A.V., “Investigations of confined steel concrete column behavior with bolted shear connectors under axial load”, Test Engineering and Management, Volume 83, 30 April 2020, Pages 18944-18951

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