

Prof. Anumolu Meher PRASAD

Qualifications

- Ph. D. in Civil Engineering (1989), Rice University, Houston, Texas (USA).
- Bachelor of Technology (1982), Indian Institute of Technology, Madras (India).

Current Position

Professor, Department of Civil Engineering, Indian Institute of Technology, Madras



Professor Meher Prasad has over 24 years of research experience in the area of structural dynamics and earthquake engineering. His Ph D work was in the area of dynamic soil-structure interaction. His recent work is related to computational modelling of the reinforced concrete buildings subjected to earthquakes. Specifically the work is concentrated in preparing seismic evaluation methodologies and in obtaining required computational tools to identify all the possible failure mechanisms of the available Indian building stock considering the prevailing construction practice. His research group is currently working on developing fragility curves for the building typology available in India. His other research areas include: Glass fibre reinforced gypsum wall panel building systems, bridge health monitoring, structural reliability and computational mechanics. He also worked on vulnerability models for buildings in the cyclone prone areas.

- Author of over 120 papers, a significant number of them in structural dynamics and earthquake engineering.
- Recipient of **1990 NORMAN** Gold medal from American Society of Civil Engineers (ASCE)
- Member of Bureau of Indian Standards Committees on *Seismic assessment and strengthening of buildings (CED39:9)*, *Earthquake resistant design and construction of pre-fabricated/precast structures*.
- Institute coordinator for National Programme on Earthquake Engineering Education (NPEEE) and member of its Programme Implementation Committee.
- Institute coordinator for National Programme for Capacity Building of Engineers in Earthquake Risk Management (NPCBEERM), sponsored by Ministry of Home Affairs, Government of India.
- Member of expert committee on preparation of manual of retrofitting of buildings constituted by Indian Buildings Congress.
- Reviewed papers for journals such as *Earthquake Engineering & Structural Dynamics*, *ISET Journal of Earthquake Technology*, *Engineering Analysis and Design*, *Journal of Institution of Engineers (India)*, *Current Science*, etc.
- Principal Coordinator for Indo-Italian significant bilateral project with University of Pavia, Italy on *Seismic Vulnerability of Historic Centres in India*.
- Conducted many short workshops and courses for the practicing engineers and engineering college teachers.