

## Brief Resume

### Dr Devdas Menon

(Chairman, Special Structures Sectional Committee, CED 38)



Dr Devdas Menon received his B. Tech. and PhD degrees from the Indian Institute of Technology Madras. He is presently a Professor in the Department of Civil Engineering at IIT Madras, engaged in teaching, research and consultancy in structural engineering, and in developing a holistic approach in education, with emphasis on inner development and transformation.

In engineering, his primary research interests are in the area of structural concrete design, and in the analysis and design of buildings, bridges, towers and chimneys. He has also carried out innovative research and development in affordable and sustainable building systems and in biomechanical orthopaedic devices. His research efforts over the past decade on the use of prefabricated glass fibre reinforced gypsum (GFRG) panels as walls and slabs in buildings, holds promise as a solution for rapid, affordable and sustainable mass housing.

He has published a large number of technical papers, and is well-known to civil engineering students, teachers and practising engineers in India as the author of popular textbooks titled *Reinforced Concrete Design* (1998), *Structural Analysis* (2008) and *Advanced Structural Analysis* (2009), and NPTEL web and video resources on Prestressed Concrete Design and Advanced Structural Analysis. He has also authored books titled "Stop sleepwalking through life!" and "Spirituality at work".

He is a well-known structural consultant, who has contributed over the past three decades to a large number of industrial consultancy projects in diverse fields (buildings, bridges, stadia, chimneys, towers, water tanks, precast concrete, rail-track sleepers, etc.). He has a special interest in developing codes of practice, and is an active member of several CED committees of Bureau of Indian Standards. He has been serving as the Chairman of CED 38 Committee of BIS on *Special Structures* since 2006, leading efforts to revise old standards and create new ones relating to the structural design of reinforced concrete chimneys, tall buildings and other industrial structures.

He has been conferred several awards, notably the "Distinguished Service to the Institute " and "Excellence in Teaching " by IIT Madras, the "Ultra-Tech Award for the Outstanding Concrete Engineer" by the Indian Concrete Institute and the "Guru Shreshta" award by Rotary Club for his contributions in education.