



## **Dr. Manickam Ganapathi**

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### **Biography:**

35+ Years of Experience in R & D Laboratories, Advanced Technological Institute and Technology driven Industries, specifically in the areas of Structural Design and computational Mechanics (Finite Element Analysis, Classical Methods, Statics, Dynamics and Structural Instabilities, Vibration & Aero-elasticity, etc.). Proven Expertise in Advanced Composite Structures, Smart Structures, Functionally Graded Material Mechanics and Nano-Mechanics. Prior to being part of TechnoConfluence, he held several Leadership positions in defense and aerospace companies. Dr. Manickam completed his Ph.D. from IIT, Madras working on structural modeling of mechanics of diverse aerospace materials.

### **Selected publications:**

M. Ganapathi and T. K. Varadan (Department of Aeronautics, Indian Institute of Technology, Madras 600 036, India), “Dynamic buckling of orthotropic shallow spherical shells”, *Computers & Structures*, Vol. 15, No. 5, 1982, pp. 517-520, doi:10.1016/0045-7949(82)90003-7

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