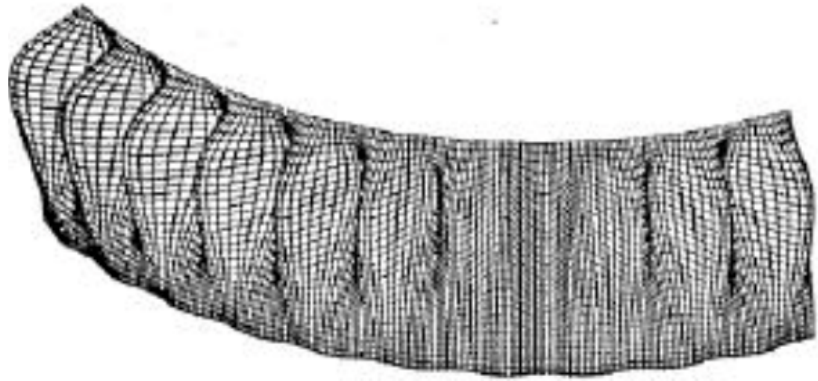




Professor Ashutosh Bagchi



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Biography:

Dr. Bagchi received the Ph.D. degree in Civil (Structural) Engineering from Carleton University, Ottawa, Canada; M.S. degree in Civil (Structural) Engineering from Indian Institute of Technology, Madras; and B. Eng. Degree in Civil Engineering from Jadavpur University, Calcutta, India. His research interests include Structural Dynamics and Earthquake engineering; Structural Health Monitoring; Infrastructure Rehabilitation; Finite and Boundary Element Methods; and Computer Aided Design and Engineering. Dr. Bagchi has industrial experience in both Civil Engineering and Information Technology. He has received a number of prestigious awards including the NSERC Postdoctoral Fellowship. He is a licensed Professional Engineer in Ontario and affiliated with CSCE, ASCE, CAEE and ISHMII. He has authored/coauthored more than 50 articles in technical journals and conferenced, two patent applications, and a number of technical reports for academia and industry.

Selected Publications:

Paramasivam, V., A. Bagchi and S.P.T.R. Gowda, 1995. Elastic stress analysis of axi-symmetric shells subjected to thermal and mechanical loads by the finite element method. J. Inst. Eng. (India), Civil Eng. Division, 76: 29-37

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Bagchi, A., J. Humar and A. Noman, 2007. Development of a finite element system for vibration based damage identification in structures. J. Applied Sci., 7: 2404-2413.

Ashutosh Bagchi, “Linear and nonlinear buckling of thin shells of revolution”, Trends in Applied Sciences Research, Vol. 7, No. 3, pp. 196 – 209, 2012