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Balakrishnan Prabu received his ME (Eng. Design) from Anna University, India in 1993, and his Ph.D in Thin Shell Buckling from Pondicherry University, India in 2007.

Selected Publications:

Prabu B., Bujjibabu N., Saravanan S. and Venkatraman A., 2007. Effect of a dent of different sizes and angles of inclination on buckling strength of a short stainless steel cylindrical shell subjected to uniform axial compression. *Advances in Structural Engineering*, Vol. 10, No. 5, pp. 581-591, 2007

B. Prabu, N. Rathinam, R. Srinivasan, K.A.S. Naarayan, "Finite Element Analysis of Buckling of Thin Cylindrical Shell Subjected to Uniform External Pressure", *Journal of Solid Mechanics* Vol. 1, No. 2 (2009) pp.148-158.

A.V. Raviprakash, B. Prabu, N. Alagumurthi, M. Naresh, A. Giriprasath, "Effect of Through Stationary Edge and Center Cracks on Static Buckling Strength of Thin Plates under Uniform Axial Compression", *Journal of Solid Mechanics* Vol. 1, No. 2 (2009) pp. 118-129

Prabu B., Raviprakash A.V. and Venkatraman A., 2010. Parametric study on buckling behavior of dented short carbon steel cylindrical shells subjected to uniform axial compression. *Thin-Walled Structures*, 48 (2010) 639-649.

B. Prabu, A.V. Raviprakash, N. Rathinam, "Parametric study on buckling behaviour of thin stainless steel cylindrical shells for circular dent dimensional variations under uniform axial compression", *International Journal of Engineering, Science and Technology* Vol. 2, No. 4, 2010, pp. 134-149.

Prabu B., Raviprakash A.V. and Venkatraman A., Neighborhood effect of two short dents on buckling behavior of thin short stainless steel cylindrical shells. *International Journal of Computer Aided Engineering & Technology*, Vol. 4, No. 2, 2012

Raviprakash, A. V., Prabu, B., and Alagumurthi, N. (2012). "Residual ultimate compressive strength of dented square plates." *Thin-Walled Structures*, 58, pp. 32–39.

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B. Prabu, "Numerical Investigation Of Influencing Parameter Of Imperfections On Thin Short Carbon Steel Cylindrical Shell Under Axial Compression", *International Journal of Modeling, Simulation, and Scientific Computing* 08/2013; 04(03). DOI: 10.1142/S1793962313500074

N. Rathinam and B. Prabu, "Static buckling analysis of thin cylindrical shell with centrally located dent under uniform lateral pressure", *International Journal of Steel Structures*, Vol. 13, No. 3, pp. 509 – 518, 2013

N. Rathinam, B. Prabu, "Numerical study on influence of dent parameters on critical buckling pressure of thin cylindrical shell subjected to uniform lateral pressure", *Thin-Walled Structures*, 03/2015; 88:1-15. DOI: 10.1016/j.tws.2014.11.020