



Professor Kulmani Mehar

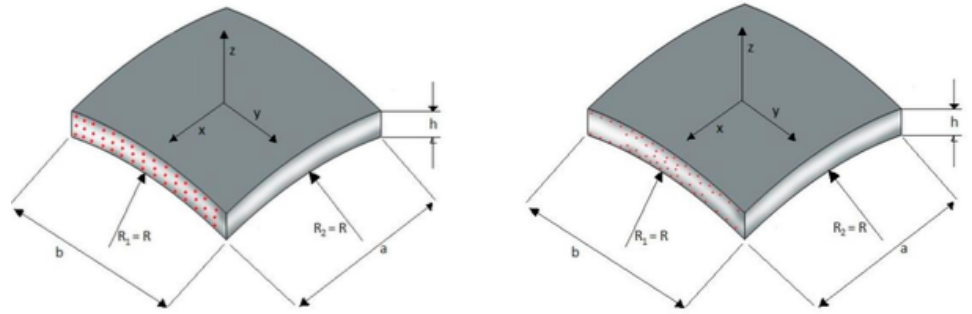


Figure 1. Configuration and gradation of FGCNT sandwich spherical panel (a) UD (b) FG

From: Mahapatra, T. R., Mehar, K., Panda, S. K., Dewangan, S. and Dash, S. [2017] "Flexural strength of functionally graded nanotube reinforced sandwich spherical panel," IOP Conference Series: Materials Science and Engineering **178**, 012031.

See:

<https://scholar.google.co.in/citations?user=u4y2uA8AAAAJ&hl=en>

<https://www.mits.ac.in/kulmanimehar.html>

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Selected Publications:

Mehar, K., Panda, S. K., Dehengia, A. and Kar, V. R. [2016] "Vibration analysis of functionally graded carbon nanotube reinforced composite plate in thermal environment," *Journal of Sandwich Structures and Materials* 18, 151–173.

Mehar, K. and Panda, S. K. [2016] "Geometrical nonlinear free vibration analysis of FG-CNT reinforced composite flat panel under uniform thermal field," *Composite Structures* 143, 336–346.

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Kulmani Mehar and Subrata K. Panda, "Nonlinear finite element solutions of thermoelastic flexural strength and stress values of temperature dependent graded CNT-reinforced sandwich shallow shell structure", *Structural Engineering and Mechanics*, Vol. 67, No. 6, pp 565-578, September 2018

Sushmita Dash, Kulmani Mehar, Nitin Sharma, Trupti R. Mahapatra and Subrata K. Panda, "Modal analysis of FG sandwich doubly curved shell structure", *Structural Engineering and Mechanics*, Volume 68, Number 6, December 25 2018, pages 721-733

Kulmani Mehar and Subrata Kumar Panda, "Theoretical deflection analysis of multi-walled carbon nanotube reinforced sandwich panel and experimental verification", *Composites Part B: Engineering*, Vol. 167, pp 317-328, 15 June 2019