



Prof. Santosh Kapuria, PhD, FNA, FNASc, FNAE

Academic Background:

- ✚ 1985-1989: B.C.E. (Civil Engg.), Jadavpur University, Kolkata – First Rank in the Department in all Eight Semesters.
- ✚ 1989-1991: M.E. (Structural Engg.), Indian Institute Science, Bangalore – First Rank among all M.E Programmes in the Dept.
- ✚ 1994-1997: Ph.D. (Applied Mechanics), Indian Institute of Technology Delhi – Thesis Adjudged Excellent (17 Journal Papers out of Ph.D. Thesis).

Professional Background:

Since Dec. 2015	:	Director, CSIR-SERC (on lien from IIT Delhi)
Nov 2006 – Dec 2015	:	Professor, Dept. of Applied Mechanics, IIT Delhi (Rajat Gupta Chair Professor since May, 2011, Senior (HAG) Scale since July, 2013)
Dec. 2009 – Jul.2010	:	Fulbright Senior Research Fellow, Dept. of Mechanical Engg, Division of Mechanics and Computation, Stanford University, USA
Sept. 2002 – Nov. 2006	:	Associate Professor, Dept. of Applied Mechanics, IIT Delhi
Dec. 2005 – Nov. 2006	:	Humboldt Senior Research Fellow, Institut für Mechanik, Technische Universität Darmstadt, Germany
Nov. 1991 – Sept. 2002	:	Engineer/Sr. Engineer/ Deputy Manager, Engg. & Tech. Development Dept., Engineers India Limited

Areas of Scientific Interest:

- ✚ Smart Composite and Sandwich Structures, FGM Structures
- ✚ Damage Detection and Structural Health Monitoring
- ✚ Active/Semi-Active Control of Structures, Finite Element Analysis
- ✚ Computational Structural Mechanics
- ✚ Offshore Pipelines & Structures, Mounded Storage Vessels, Pressure Vessels and Buried Piping
- ✚ Biomechanics

Professional Recognition /Awards:

1. Fellow, Indian National Science Academy (INSA), 2015
2. Fellow, National Academy of Sciences, India (NASI), 2015
3. Editorial Board Member of Journal of Thermal Stresses, Taylor & Francis (2014-)
4. Guest Editor, ACTA MECHANICA, for a Special Issue on Mechanics of Functional Materials and Structures (2012-14)
5. Rajat Gupta Chair Professorship at IIT Delhi since May 2011.
6. Fellow, Indian National Academy Engineering (FNAE), 2010.
7. General Chair for International Conference Series, Third Asian Conference on Mechanics of Functional Materials and Structures (ACMFMS-2012), held in New Delhi in Dec. 5-8, 2012. Co-Chair (with Prof. C.F. Gao) of ACMFMS-2010 held in Nanjing, China, 2010
8. Fulbright-Nehru Senior Research Fellowship awarded by US Dept. of (2009 – 2010)
9. Humboldt Research Fellowship awarded by Alexander von Humboldt Foundation, Germany (2005 – 2006, Reinvited in 2013)
10. Highest Rating in Annual Appraisal Report in Engineers India Ltd. in Each of Eleven Years of Stay
11. N. S. Govinda Rao Medal (IISc, Bangalore) for Best M.E. Student in Civil Engg. Deptt.
12. University Medal (Jadavpur University, Kolkata) for First Rank in Civil Engg. Deptt.
13. Swapan Chandra Memorial Medal (JU) for Highest marks in Design of Structures
14. Secured 99.96 percentile in Graduate Aptitude Test Examination (GATE)
15. Felicitated by Govt. of West Bengal for **11th** rank in the State in H.S. Exam. (Among about 300,000 students).
16. Holder of State Merit and National Scholarships (From class V to Graduation)
17. Regular reviewer of the several reputed international journals