

2006 Conference Papers

1. J.N Reddy (18-21 December 2006). "Computational Engineering Science: The Third Scientific Methodology for the 21st Century and Beyond," **B. R. Seth Memorial Lecture** at the 51st Congress of Indian Society of Theoretical and Applied Mechanics (ISTAM), Andhra University, Visakhapatnam, INDIA.
2. J.N Reddy (26-29 November 2006). "Forty Years of Significant Developments in Mechanics of Composite Materials and Structures" Special invited lecture, *International Workshop in Mechanics of Composites*, Bad Herrenab, Germany.
3. J.N Reddy (26-29 November 2006). "Nonlinear Analysis of Composite and FGM Shell Structures Using Tensor-Based Shell Elements," *International Workshop in Mechanics of Composites*, Bad Herrenab, Germany, November 26-29, 2006.
4. J.N Reddy (26-29 April 2006). "A Consistent Finite Element Model for Nonlinear Analysis of Composite and Functionally Graded Shell Structures," **Opening Plenary Lecture** presented at **International Conference on Composite Materials and Nano-Structures (IC2MS-06)**, Shah Alam (Kuala Lumpur), Malaysia.
5. J.N Reddy (5-8 June 2006). "Nonlinear Analysis of Composite and FGM Shell Structures Using Tensor-Based Shell Elements," III European Conference on Computational Mechanics, Solids, Structures and Coupled Problems in Engineering, LNEC, Lisbon, Portugal.
6. J.N Reddy (5-8 June 2006). "Mixed Finite Elements based on Least-Squares Formulation for the Static Analysis of Laminated Composite Plates," F. Moleiro, C. M. Mota Soares, C. A. Mota Soares, J. N. Reddy, III European Conference on Computational Mechanics, Solids, Structures and Coupled Problems in Engineering, LNEC, Lisbon, Portugal.
7. J.N Reddy (24-26 July 2006). "Nonlinear Analysis of Functionally Graded Shell Structures Using Tensor-Based Shell Element," Key Note Lecture, 5th International Conference on Mechanics and Materials in Design (**M2D'2006**), Porto, Portugal
8. J.N Reddy (2-4 August 2006). "On Nonlinear Analysis of Composite and Functionally Graded Shell Structures," Invited Lecture, Tenth East Asia Pacific Conference on Structural Engineering and Construction, Bangkok, Thailand.
9. J.N Reddy (10-12 August 2006). "Computational Models of Viscous Flows and Shell Structures," Invited Lecture presented at International Conference on Enhancement and Promotion of Computational Methods in Engineering Science and Mechanics (CMESM 2006), Changchun, China.
10. J.N Reddy (20 April 2006). "Role of Computational Engineering Science in Modeling of Physical Phenomena," **Invited Lecture** presented at *Symposium on Engineering Science*, Singapore.
11. J.N Reddy (18-20 January 2006). "A Finite Deformation Shell Formulation for the Analysis of Composite and Functionally Graded Material Structures," **Invited Lecture** presented at *Symposium on Physics and Mechanics of Advanced Materials*, January 18-20, 2006, Singapore.
12. "p*-p* Inteactions in Sulfur Chemistry" Singapore-China Collaborative and Cooperative Chemistry Symposium (S=C=C=C=C=S-3), Abstract p.33, Singapore, January 2006.
13. Wong, M.W. and Wong, C.T. (2006). "Mukaiyama Aldol Reaction: Effects of Substituent and Lewis-Acid Catalyst " UK-Singapore Physical Organic Chemistry Symposium: Complex Reaction Mechanism, Abstract p.19, Singapore, January 2006.