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List of Publications (Last 5 Years):

1. **Rajagopal, S.,** and Ganguli, R., “Multidisciplinary Design Optimization of Long Endurance Unmanned Air Vehicle”, *Computer Modeling in Engineering and Science*, Vol. 81, No. 1, 2011, pp. 1-34.
2. **Rajagopal, S.,** et al. “UAV Wing Design Optimization Using Kriging Model” *5th AIAA Multidisciplinary Design Optimization Specialists Conference*, Palm Springs, California, 4-7 May 2009 (AIAA-2009-2219).
3. **Rajagopal, S.,** et al. “Conceptual Design of UAV using Kriging based Multi Objective Genetic Algorithm”, *Aeronautical Journal, RAeS, UK*, Nov 2008, Vol 112, No 1137.
4. **Rajagopal, S.,** et al. “Multidisciplinary Design Optimization of a UAV Wing using Kriging based Multi-Objective Genetic Algorithm”, *12th AIAA/ISSMO Multidisciplinary Analysis and Optimization Conference*, 10 - 12 Sept 2008, Canada. (AIAA-2008-5917)
5. **Rajagopal, S.,** et al. “Conceptual Design of Medium Altitude Long Endurance UAV using Multi Objective Genetic Algorithm” *3rd AIAA Multidisciplinary Design Optimization Specialist Conference*, 23 - 26 Apr 2007, Hawaii (AIAA 2007-1885)
6. **Rajagopal, S.,** et al. “UAV Wing Design Optimization using Kriging Model”, *IISc Centenary International conference & Exhibition on Aerospace Engineering (ICEAE2009)*, 18-22 May 2008, IISc, Bangalore.
7. **Rajagopal, S.,** et al. “Optimum Design and Wind Tunnel Testing of Tailor made Airfoils for endurance UAVs”, *4th International conference on Theoretical, Applied, Computational and Experimental Mechanics (ICTACEM-2007)*, Dec 2007, IIT, Kharagpur.
8. **Rajagopal, S.,** et al. “Multidisciplinary Design optimization (MDO) approach to conceptual design of Unmanned Aerial Vehicle (UAV)”, *TEAMTECH 2007*, IISc, Bangalore, Oct 2007.
9. **Rajagopal, S.,** et al. “Preliminary Structural Design and Analysis of Wing for a High Subsonic UAV”, *National Conference on recent advances on computational methods*, MIT, Anna University, Chennai, 24-25 Feb 2006.