

DEPARTMENT of MECHANICAL ENGINEERING

DME Publications 2007

Sr. No.	Paper Title, Authors
1.	Mohammad Javed Hyder and M. Asif, Optimization of Location and Size of opening in a pressure Vessel Cylinder Using ANSYS , <i>Engineering Failure Analysis, UK.</i>
2.	Mohammad Javed Hyder and Hafiz Laiq-ur-Rehman, Design and Analysis of Turbine Blade using ANSYS-10 , In Proceedings of 5 th International Bhurban Conference of Science and Technology, January 2007.
3.	Mohammad Javed Hyder and Fayyaz H. Asghar, Effect of Coolant-to-Free Stream Velocity Ratios on Film cooling Adiabatic effectiveness for a Planar Blade Test Section , In Proceedings of 5 th International Bhurban Conference of Science and Technology, January 2007.
4.	Mohammad Javed Hyder and Fayyaz H. Asghar, Comparison of Cylindrical, Square and Rectangular Film Cooling Holes on Film Cooling Adiabatic Effectiveness , In Proceedings of National Research Conference, June 2007, Lahore.
5.	Mohammad Javed Hyder and Hafiz Laiq-ur-Rehman, Stress distribution of the gas turbine blade , In Proceedings of Failure of Engineering Materials & Structures, UET Taxila, October 2007. (Won the best presentation award)
6.	Mohammad Javed Hyder and Mohammad Omair Khan, Development of novel method for the selection of material for axial flow compressor blade , In Proceedings of Failure of engineering Materials and Structures, UET Taxila, October 2007.
7.	Mohammad Javed Hyder and M. Asif, Design of a 50 tons load capacity overhead crane , In Proceedings of Failure of Engineering Materials and Structures, UET Taxila, October 2007.
8.	Mohammad Javed Hyder and M. Asif, Optimization of bridge girder for 20 tons load capacity , In Proceedings of Failure of Engineering Materials and Structures, UET Taxila, October 2007.
9.	Ishtiaq Ahmad, A parametric study of deformations and stresses in pin-loaded tubes under axial tension , In Proceedings of Failure of engineering Materials and Structures, UET Taxila, October 2007.
10.	Atique Ahmad, Parallel programming the Finite Element Method , In Proceedings of Failure of engineering Materials and Structures, UET Taxila, October 2007.