

GRADUATE STUDENTS AND RESEARCH PERSONNEL SUPERVISED

| Name of the Student | Program | Year of completion | Title of Thesis/Project |
|----------------------------|----------------------|---------------------------|---|
| Mohammad Sattari | Post-Doctoral fellow | 2006 | Project: Non-linear Analysis and Optimization of Sheet Metal Forming Process |
| Lichun Bian | Post-Doctoral fellow | 2004 | Project: Bird Strike Impact on Composite Structures |
| Siyu Zhang | Post-Doctoral fellow | 1996 | Project: Fatigue Damage in Composite laminates |
| Shaikh Akhlaque | PhD | In Progress | Project: Computational Mechanics of Nanocomposites |
| Wasim Arshad | PhD | In Progress | Project: Bird Strike Impact on Composite Aircraft Structures |
| Peyman Khosravi | PhD | 2007 | Project: Non-linear Analysis and Optimization of Thin-Walled Composites Structures |
| Abolghassem Zabihollah | PhD | 2007 | Project: Analysis, Optimization and Development of Smart Composite Beams Subjected to Random Loadings |
| Shilian Hu | PhD | 2007 | Project: Surface Finish of Composite Automobile Panels |
| Hatem Bedair | PhD | In Progress | Project: A New Method for the Design and Analysis of Building Structures Against Differential Settlements |

| Name of the Student | Program | Year of completion | Title of Thesis/Project |
|----------------------------|----------------|---------------------------|---|
| Daiying Liu | PhD | 2006 | Progressive Failure and Post-Buckling Response of Tapered Laminated Composite Plates |
| Duosheng Xu | PhD | 2004 | Buckling analysis of tri-axial woven fabric composite structures |
| Kan He | PhD | 2002 | Interlaminar stresses and fracture behavior in thickness-tapered composite laminates |
| Xiong Zhang | PhD | 2001 | Nonlinear finite element modeling and incremental analysis of a composite truck tire structure |
| Chao Zhang | PhD | 2001 | Random delamination of graphite/epoxy laminated composites : stress analysis, failure criteria, experimental characterization and stochastic modeling |
| Moataz El Karmalawy | PhD | 1997 | Fatigue damage characterization and reliability evaluation for CFRP composites |
| Siyu Zhang | PhD | 1995 | Development of a hybrid knowledge-based system for condition monitoring and diagnosis of rotating machinery |
| Hasnet Ahmed | MASc | In Progress | Project: Buckling of Composite Beams with Tapered and Uniform-thickness Sections |
| Anandha K. Arumugam | MASc | 2007 | Project: Combined Effect of Fatigue and Notch on the Reliability of Composite Laminates |

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|----------------------------|----------------|---------------------------|---|
| Karun Nayyar | MASc | 2006 | Static And Modal Analyses Of Laminated Composite Plates Using Hierarchical Finite Element Method |
| Shaikh Akhlaque | MASc | 2005 | Buckling analysis of tapered composite plates using ritz method based on classical and higher order theories |
| Weiguang Liu | MASc | 2005 | Dynamic instability analysis of tapered composite plates using Ritz and finite element methods |
| Xuan Ning Guo | MASc | 2005 | Experimental investigation, stochastic modelling and reliability analysis of fatigue behavior of tapered composite laminates |
| Wasim Arshad | MASc | 2005 | Static and buckling analyses of curved metallic and composite beams using hierarchical FEM |
| Md. Ibrahim | MASc | 2004 | Effect of notch size on the reliability of composite laminates based on stochastic finite element analysis and experimental investigation |
| Chen Lin | MASc | 2004 | Free vibration analysis of tapered composite beams using hierarchical finite element method |
| Shashank M. Venugopal | MASc | 2003 | Stochastic mechanics and reliability of composite laminates based on experimental investigation and stochastic FEM |

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| Abolghassem Zabihollah | MASc | 2003 | Vibration and buckling analyses of tapered composite beams using conventional and advanced finite element formulations |
| Vijay K. Kowda | MASc | 2002 | Free-vibration and buckling of prismatic and thin-walled composite beam-columns with stochastic properties |
| Amit K. Nigam | MASc | 2002 | Vibration analysis of composite beams using hierarchical finite element method |
| Daying Zhang | MASc | 2002 | Progressive failure analysis of composite laminates using non-linear and stochastic FEA |
| Chen Hai | MASc | 2001 | Random vibration and fracture of tapered composite laminates |
| Wei Tang | MASc | 2001 | Stochastic finite element fracture analysis and reliability of composite laminates based on exact field modeling method |
| P. L. V. Prasad | MASc | 2000 | Stochastic J-integral and reliability of composite laminates based on a computational methodology combining experimental investigation, stochastic finite element analysis and maximum entropy method |
| El-Maksoud Mohamed A. | MASc | 2000 | Dynamic analysis and buckling of variable thickness laminated composite beams using conventional and advanced finite element formulations |

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| Md. Zakiul Haque | MASc | 1999 | A combined experimental and stochastic finite element analysis methodology for the probabilistic fracture behavior of composite laminates |
| Jayaruban Selliah A. | MASc | 1999 | Critical speeds and unbalance response of cantilever-sleeve rotors using finite elements with efficient higher order basis functions |
| Suresh Venkatesan | MASc | 1996 | Finite element analysis for eigensolution variability of non self-adjoint mechanical systems with stochastic parameters |
| Stefanov Tzanko | M.Eng. | 2000 | Project |
| Husham Mustafa | M.Eng. | 2000 | Project |
| Giulio Valente | M.Eng. | 2000 | Project |
| Indukuri Ramaraju | M.Eng. | 2000 | Project |
| Mohan Krishan | M.Eng. | 2000 | Project |
| Jean-Hughes Li | M.Eng. | 1999 | Project |
| Mohsen Zein | M.Eng. | 1999 | Project |
| Yong Ma | M.Eng. | 1998 | Project |
| Firas Halabiya | M.Eng. | 1998 | Project |
| Vuleta Mirco | M.Eng. | 1997 | Project |
| Arvinder Minhas | M.Eng. | 1997 | Project |
| Karim Rejaul | Research Assistant | 2006 | Project: Finite Element Buckling Analysis of Tapered Composite Plates |

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| Ali Al Omari | Research Assistant | 2003 – 2004 | Project: Delamination-Fatigue Interaction in Tapered Laminates |
| Kondapalli Sri Harsha | Research Assistant | 2003 – 2004 | Project: Dynamic Analysis of Composite Laminates using Layerwise Theory |
| Javaid Azam | Research Assistant | 2003 – 2004 | Project: Hierarchical FEM |
| Manal Abd El Sayed | Research Assistant | 2003 - 2004 | Project: Reliability of Notched Composite Laminates |
| Zhidong Li | Research Assistant | 2002-2004 | Project: Stress Analysis of Delaminated Tapered Composite Laminates |
| Li Zhang | Research Assistant | 2002 - 2004 | Project: Fracture of Tapered Laminates |
| Murugaiah Moorthy | Research Assistant | 2002 – 2003 | Project: Analysis and Design of Composite Gears |
| Ke Ping Li | Research Assistant | 2002-2004 | Project: Fracture of Composites |
| Mohammad Nazaal | Research Assistant | 1999 – 2000 | Project: Fatigue of Composite Laminates |
| Bana Berro | Research Assistant | 1999 | Project: Nonlinear Vibrations of Composite Rotors |
| Michelline Ammar | Research Assistant | 1998-99 | Project: Probabilistic Analysis of Acoustic Emission from Composites |