

Abdul Munyem Khan

Associate Professor of Practice

School of Mechanical & Manufacturing Engineering

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About

Dr. Abdul Munyem Khan is working as Associate Professor of Practice in the School of Mechanical & Manufacturing Engineering. Dr. Abdul Munyem Khan has a PhD in Aerospace Engineering. Dr. Abdul Munyem Khan has published 15 research articles & conference papers having a citation count of 119, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Aerospace Engineering Iowa State University of Science and Technology , United States	1992 - 1997
MS in Aerospace Engineering University of Michigan - Ann Arbor , United States	1991 - 1992
BE in Aerospace Engineering NED UET Karachi , Pakistan	1981 - 1985

Experience

Associate Professor of Practice School of Mechanical & Manufacturing Engineering	2023- Present
Professor and HoD IST , Islamabad Expressway, Islamabad	2017 - 2021
Associate Professor (H) HITEC University , Taxilla Cantt, Taxilla	2015 - 2017
Commandant CAE CAE, NUST , PAF Academy, Risalpur	2012 - 2015
Dean CAE College of Aeronautical Engineering , PAF Academy Risalpur	2011 - 2012
HoD Aerospace Engineering CAE , PAF Academy Risalpur	2009 - 2011
Associate Professor Aerospace Department, CAE , PAF Academy Risalpur	2004 - 2009
Design Engineer CADI , Chengdu	2000 - 2003
Assistant Professor CAE , PAF Academy Risalpur	1997 - 2002

Research Articles

- Flow acceleration by converging nozzles for power generation in existing canal system** 2013
Abid A. Khan Abdul Munyem Khan M. Zahid R. Rizwan
Renewable Energy , Volume 60, Pages 548-552
Impact Factor: 3.361 | **Quartile:** 2 | **Citations:** 33
DOI: <https://doi.org/10.1016/j.renene.2013.06.005>
- On using neural networks in UAV structural design for CFD data fitting and classification** 2013
Farrukh Mazhar Abdul Munyem Khan Imran Ali Chaudhry Mansoor Ahsan
Aerospace Science and Technology , Volume 30, Issue 1, Pages 210-225
Impact Factor: 1.00 | **Quartile:** 1 | **Citations:** 34
DOI: <http://dx.doi.org/10.1016/j.ast.2013.08.005>
- Minimizing makespan for a no-wait flowshop using genetic algorithm** 2012
Imran Ali Chaudhry Abdul Munyem Khan
Sadhana - Academy Proceedings in Engineering Sciences , Volume 37, Issue 6, Pages 695-707
Impact Factor: 0.393 | **Quartile:** 4 | **Citations:** 21
DOI: DOI 10.1007/s12046-012-0105-1
- Effects of bend–twist coupling on composite propeller performance** 2000
Abdul M. Khan Daniel O. Adams Vinay Dayal Jerald M. Vogel
Mechanics of Composite Materials and Structures , Volume 7, Issue 4, Pages 383-401
Impact Factor: 0.462 | **Quartile:** 2 | **Citations:** 31
DOI: DOI: 10.1080/10759410050201717

Conference Proceedings

- A Genetic Algorithm for Flexible Job Shop Scheduling** 2013
Imran A. Chaudhry Abdul Munem Khan Abid Ali Khan
World Congress on Engineering 2013 , res.country(231,) **Citations:** N/A
DOI: ISBN: 978-988-19251-0-7
- Structural Design of A UAV Wing using Finite Element Method** 2010
Farrukh Mazhar Abdul Munem Khan
AIAA/ASME/ASCE/AHS/ASC , res.country(233,) **Citations:** N/A
DOI: 10.2514/6.2010-3099
- Effect of First Vibration Mode on Sub-Critical Thermocapillary Convection in Floating Zone Liquid Bridge** 2010
Ashfaq Ahmed Jehanzeb Masud Abdul Munem Khan Mehr Nigar
48th AIAA , res.country(233,) **Citations:** N/A
DOI: <https://doi.org/10.2514/6.2010-637>
- Constrained Torsion Analysis of Composite Single Cell Tapered Box Beam All [[45/-45]2] S Lay- Up For Alpha & Beta = 1.0 Degree** 2008
Malik Nazir Ahmed Abdul Munyem Khan Gohar Majeed
10th National Aeronautical Conference , res.country(177,) **Citations:** N/A
DOI: <https://doi.org/10.24949/njes.v2i1.56>
- Fatigue Life Estimation of Mushshak Aircraft Rear Wing Attachment under Variable Amplitude Loading** 2008
Murtaza Nusrat Abdul Munyem Khan
10th National Aeronautical Conference , res.country(177,) **Citations:** N/A
DOI: 10.24949/njes.v2i1.56
- Constrained Torsion Analysis of Composite Single Cell Tapered Box Beam all [0/45/-45/90] s Lay- up for Alpha & Beta = 1.0 Degree** 2008
Malik Nazir Ahmed Abdul Munyem Khan Zahid I Beg
10th National Aeronautical Conference , res.country(177,)

Citations: N/A

DOI: <https://doi.org/10.24949/njes.v2i1.56>

Application of Numerical Optimization Technique for Composite Propeller Design

2008

Abdul Munyem Khan Malik N. Ahmed Daniel O. Adams

10th National Aeronautical Conference, res.country(177,)

Citations: N/A

DOI: <https://doi.org/10.24949/njes.v2i1.56>

Modal and Harmonic analysis of L.P. Turbine of a small TurboFan engine using Finite Element Method

2007

H. A. Khawaja Abdul Munem Khan

Failure of Engineering Materials & Structures 2007, res.country(177,)

Citations: N/A

DOI: Nil

Development and Application of a 2-D Approximation Technique for solving Stress Analyses Problem of a L.P. Turbine using Finite Element Method

2007

Hassan A Khawaja Abdul Munem Khan

Failure of Engineering Material and Structures FEMS(2007), res.country(177,)

Citations: N/A

DOI: Nil

Development of a Computer Based Learning Tool for understanding Aircraft Structures

2007

Farrukh Mazhar Abdul Munem Khan Irfan Aziz

12-th International Conference on Aerospace Sciences & Aviation Technology, res.country(65,)

Citations: N/A

DOI: Nil

Development of a software using Visual Basic for learning Aerospace Structures Theory

2006

Farrukh Mazhar Abdul Munem Khan irfan aziz Omar Bashir

10h national aeronautical conference risalpur, res.country(177,)

Citations: N/A

DOI: Nil