DR. SUNDAS KHAN

Department of Mathematics,GC Women University, Sialkot, Pakistan

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EDUCATION

Comsats University, Islamabad	*September 2013 - June 2017*
P.h.D	Overall GPA: 3.68/4.00
Dissertation Topic	Some Integral Inequalities for Preinvex Functions
Advisor	Prof. Dr. Muhammad Aslam Noor
Department of Mathematics.	

Comsats University, Islamabad	*September 2011 - June 2013*
MS	Overall GPA: 3.5/4.00
Department of Mathematics.	

Comsats University, Islamabad	*September 2007 - June 2011*
BS-Hons	Overall GPA: 3.2/4.00
Department of Mathematics.	

RESEARCH INTEREST

Optimization Theory, Variational Inequalities, Convex Analysis, Integral Inequalities, Machine Learning.

AWARDS

Research Productivity Award 2014 given by COMSATS
Institute of Information and Technology, Islamabad, Pakistan.

Research Productivity Award 2015 given by COMSATS
Institute of Information and Technology, Islamabad, Pakistan.

TECHNICAL STRENGTHS

Computer Languages	C/C++, MATLAB
Software & Tools	HTML, Matlab,LaTeX, Excel, Mathematica

ACADEMIC EXPERIENCE

Govt College Women University, Sialkot, Pakistan	March 2018 - Date
Assistant professor, Mathematics Department	

Mohiuddin Islamic University, Nerian Sharif, Azad Kashmir	Aug 2017-March 2018
Assistant Professor, Department of Mathematics	

Islamic International University, Islamabad	2017-2018
Visiting Assistant Professor,Department of Mathematics	.

Islamic International University, Islamabad	2013-2015
Visiting Lecturer	.

ADMINISTRATIVE EXPERIENCE

Govt College Women University, Sialkot, Pakistan　　　　　May 2021 - Date
Incharge of the Statistics Department

RESEARCH PUBLICATIONS

Accepted for Publication

· Huseyin Budak, Sundas Khan, Muhammad Aamir Ali, and Yu-Ming Chu. (2021). Refinements of quantum Hermite-Hadamard type inqualities. Open Mathematics.http://doi.org/10.1515/math-2021-0029.**(IF=0.726)**.

· Sundas khan and Huseyin Budak. (2021).ON NEW HERMITE-HADAMARD TYPE INEQUALITIES FOR F-CONVEX FUNCTIONS VIA FRACTIONAL INTEGRALS. Sarajevo Journal of Mathematics, ANUBIH.

Published

· **Khan, S**., Awan, M. U., Noor, M. A.,　Safdar, F. (2019).　SOME NEW INTEGRAL INEQUALITIES VIA -PREINVEX FUNCTIONS. UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN-SERIES A-APPLIED MATHEMATICS AND PHYSICS, 81(2), 65-76.**(IF=0.42)**.

· Noor, M. A, Noor, K. I, **Khan**. S. (2016). Integral Inequalities for Geometrically-Log Preinvex Functions. Appl. Info. Math. Sci. Letts, 4(3).

· Noor, M. A, Noor, K. I, **Khan. S**. (2016). Some Integral Inequalities for Geometrically Preinvex Functions, Proc.Jangjeon. Math. Soc. 19(1), 67-81.

· M. A. Noor, K. I. Noor, M. U. Awan, **S. Khan**: Hermite-Hadamard inequalities for differentiable h-preinvex functions. Arabian Journal of Mathematics. 4, 63-76, (2015). **(ISI Indexed)**.

· M. A. Noor, K. I. Noor, M. U. Awan, **S. Khan**: Fractional Hermite-Hadamard Inequalities for some new classes of Godunova-Levin functions, Applied Mathematics and Information Sciences. 8(6), 2865-2872, (2014). **(IF=1.232)**.

· M. A. Noor, K. I. Noor, M. U. Awan, **S. Khan**: Hermite-Hadamard inequalities for s-Godunova-Levin preinvex functions. Journal of Advanced Mathematical Studies. 7(2), 12-19, (2014).

· Noor, M. A, Noor, K. I, **Khan. S**, Waseem, M. (2013). Modified Homotopy Perturbation Method For Solving System of Linear Equations. Journal of the Association of Arab Universities for Basic and Applied Sciences, 13, 35-37.

LIST OF FOREIGN CO-AUTHORS

· Prof. Dr. Yu-Ming Chu
· Dr. Husein Budak
· Dr. Muhammad Amir Ali

SEMINARS,CONFERENCES AND TRAININGS ATTENDED

· Attended 20 days "Online Teaching Training" Conducted by National Academy of Higher Education Commission Pakistan on (20 March 2021-10 April 2021).

· Attended seminar on "Applications of Graph Fuzzy Theory" organized by Department of Mathematics, University of Education, Bank Road Campus, Lahore, on 25 September 2020.

· Attended International conference on "Recent Advances in Applied Mathematics(ICRAAM 2019)" organized by Department of Mathematics, COMSATS, Lahore on 20–22 February, 2019.

· Attended 3rd one day symposium on "Algebra, Analysis and its Applications" orga-nized by Department of Mathematics, University of Management and Technology, Sialkot on 2nd December, 2018.

REFERENCES

· **Prof. Dr. Muhammad Aslam Noor**
Department of Mathematics
Comsats Institute of Information Technology, Islamabad.

· **Prof. Dr. Khalida Inayat Noor**
Department of Mathematics
Comsats Institute of Information Technology, Islamabad.

· **Prof. Dr. Shams-ul Qamar**
Department of Mathematics
Comsats Institute of Information Technology, Islamabad.