

## PERSONAL INFORMATION



### ***Abdul Malik Sultan***

📍 House Number C-6 officer's Colony University of Okara,  
Tehsil Renala Khurd District Okara (Punjab) Pakistan.

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✉ [maliksultan23@gmail.com](mailto:maliksultan23@gmail.com)

✉ [amsultan@uo.edu.pk](mailto:amsultan@uo.edu.pk)

💬 Skype ID: sahirrangpuri

Gender Male | Date of birth | January 01, 1985 | Nationality Pakistani |  
Religion Islam | Domicile Muzaffar Garh | Citizen # 32304-2900897-1 |  
Marital status Married | Language (s) English, Urdu, Saraiki, Punjabi |

**Hobbies/Interests:** Reading Newspaper and Literary Books, Badminton,  
Internet Surfing, Exploring Scientific Literature

## WORK EXPERIENCE

October 2014 – Till Date

### **Lecturer (Mathematics)**

University of Okara, Okara former University of Education Lahore, Okara  
Campus-Pakistan (A **public Sector University**). ([www.uo.edu.pk](http://www.uo.edu.pk))

**Responsibilities:** Teaching Mathematics to BS Mathematics, MSc  
Mathematics and M.Phil Mathematics.

**Courses Taught at M. Phil Level:** Theory of Differential Equations,  
Numerical Solutions of Partial Differential Equations

**Course Taught at MSc Level:** Vector and Tensor Analysis, Numerical  
Analysis, Mathematical Methods for Physics, Differential Geometry and  
Partial Differential Equations.

**Courses Taught at BS Level:** Ordinary Differential Equations, Analytic  
Geometry, Calculus and Basic Linear Algebra.

Jan 2014 – Sep 2014

### **Assistant Professor (Mathematics)**

University of South Asia, Lahore (A **private Sector University**)

**Responsibilities:** Teaching Mathematics to Electrical & Civil Engineering  
students.

**Courses Taught:** Basic Linear Algebra, Differential Calculus, Integral  
Calculus, Partial Differential Equations, Numerical Analysis

April 2011 – Dec 2013

### **Lecture (Mathematics)**

University of South Asia, Lahore (A **private Sector University**)

**Responsibilities:** Teaching Mathematics to the Civil Engineering Students.

**Courses Taught:** Differential Calculus, Integral Calculus, Ordinary  
Differential Equations, Partial Differential Equations, Numerical Analysis

## CURRENT ADDITIONAL DUTIES IN UNIVERSITY

- Media Coordinator University of Okara
- Coordinator MSc (16 year Degree) Mathematics Program Since April, 2016
- Incharge Student Affairs Department of Mathematics Since April, 2016
- Incharge Timetable Department of Mathematics since April, 2016.
- Member Canteen Committee University of Okara since May, 2016.

## ACADEMICS

November 2010 – May 2013

### **M.Phil Applied Mathematics**

University of Engineering and Technology Lahore. (<http://uet.edu.pk>)

**Status:** Completed

**Marks:** 892/1200

**Major Subjects:** Advanced Numerical Analysis, Solution of Partial Differential Equations, Viscous fluid flow, Compressible fluid flow, Advanced Operation Research.

**Research Title:** “A Fourth Order Compact Method for One Dimensional Non Linear Sine Gordon Equation”.

October 2006 – June 2008

### **Master of Science in Mathematics (MSc Mathematics)**

University of Engineering and Technology Lahore. (<http://uet.edu.pk>)

**Status:** Completed

**Marks:** 1529/2000

**Major Subjects:** Real Analysis, Vector and Tensor Analysis, Complex Analysis, Numerical Methods, Functional Analysis, Classical Mechanics, Fluid Mechanics, Partial Differential Equations

October 2003 – June 2006

### **Bachelor of Science (BSc)**

Bahauddin Zakariya University Multan. (<http://bzu.edu.pk>)

**Status:** Completed

**Marks:** 572/800

**Major Subjects:** Physics, Mathematics (A course), Mathematics (B course)

October 2000 – June 2003

### **Higher Secondary School Certificate**

Board of Intermediate and Secondary Education Dera Ghazi Khan.  
(<http://bisedgk.edu.pk>)

**Status:** Completed

**Marks:** 669/1100

**Major Subjects:** Physics, Mathematics, Computer

October 1998 – June 2000

### **Secondary School Certificate**

Board of Intermediate and Secondary Education Dera Ghazi Khan.  
(<http://bisedgk.edu.pk>)

**Status:** Completed

**Marks:** 608/850

**Major Subjects:** Physics, Mathematics, Chemistry, Biology

## PUBLICATIONS

- Hamood Ur Rehman, Muhammad Shoaib Saleem, **Abdul Malik Sultan**, Muzammil Iftikhar. Comments on “Dynamics of optical solitons with Radhakrishnan-Kundu-Lakshmanan model via two reliable integration schemes, *Optik* 178(2019) 557-566”
- Hamood Ur Rehman, Muhammad Shoaib Saleem, **Abdul Malik Sultan**. “Comments on Analytical solitons solution of Biswas-Milovic equation in Kerr and non-Kerr law media”, *Optik* 157 (2018) 993-1002”
- Hamood Ur Rehman, Muzammal Iftikhar, Muhammad Shoaib Saleem, **Abdul Malik Sultan** and Muhammad Imran Rahid. “Comparison of Solutions Using Different Reproducing Kernels in  $W_2^2[0,1]$ ” *Journal of Advanced Physics*, Vol. 6, pp.1–4, 2017
- Z. Zafar, **A. M. Sultan**, A. Pervaiz, M.O. Ahmed and S. Hussain, “Application of Laplace Decomposition Method for Solving Sine-Gordon Equation” *Pakistan Journal of Science* (Vol. 66 No. 3 September, 2014)

## EXTRAS

- Quaid-e-Azam Boy Scout 2000.

## COMPUTER SKILLS

- Command on MS Office all latest version.
- Latex
- Excellent in typing all kind of documents

## REFERENCES

- Professor  
Dr. Muhammad Ozair Ahmed  
Chairman Department of Mathematics  
University of Lahore, Lahore.
- Dr. Muhammad Irfan Qadir  
Associate Professor  
Department of Mathematics  
University of Engineering and Technology, Lahore.