

DR. MUHAMMAD SULAIMAN

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BRIEF BIOGRAPHY

Dr. Muhammad Sulaiman has received his undergraduate degree from The University of Peshawar, KP, Pakistan. His postgraduate (Masters) and MPhil degrees in Mathematics from The Quaid-e-Azam University Islamabad, Pakistan. He received a PhD degree in Mathematics from The University of Essex, United Kingdom. Dr. Sulaiman's research interests include Designing and implementing novel computing techniques for solutions of real-world problems, Optimization Problems, Analysis of Mathematical Models, Differential Equations, Heuristic techniques, Engineering Optimization Problems, Artificial Neural Networks, and soft solutions Computing Algorithms. He has published 34 research articles in international peer-reviewed ISI Indexed /Impact factor journals. His current cumulative impact factor is 85.24, H-index on Google scholar is 13, and i10-index is 18. He has been a reviewer for 19 international journals, including IEEE Access, Neural Computing and Applications, Journal of the Operational Research Society, International Journal of Metaheuristics, Journal of Intelligent and Fuzzy Systems. Dr Sulaiman has produced four PhD and twenty-four MPhil students. Currently, he is working as an Associate Professor of Mathematics for Abdul Wali Khan University Mardan, Pakistan.

RESEARCH PROFILE

• Number of International (ISI)/HEC recognized Journal publications	38
• Number of Book chapters	2
• Total impact factor (WOS)	85.24
• Number of Citations of the Publications (GoogleScholar)	511
• H-index (WOS)	9
• Citation (WoS)	277
• H-Index (Scopus)	12
• Citation (Scopus)	427
• ResearchGate Score	24.10
• i10-index (Google Scholar)	18
• Number of Foreign Research Collaborators	25
• Number of National Research Collaborators	12
• International/ National Conferences Attended	11
• Reviewer/Referee for International Journals including IEEE Access	19
• PhD Students Supervised	4
• MPhil Students Supervised	24
• BS Projects Supervised	8
• 2 Research Projects Completed (HEC SRGP)	0.38 million PKR
• Total teaching experience at the university level	12 Years

ACADEMIC QUALIFICATION

Sr no.	Education	Percent/CGPA	Year/Div	Institute
1	Ph.D. (Mathematics)	Passed	2011 – 15 April 2015	University of Essex, UK
2	M.Phil. (Mathematics)	77%	2009/1 st	Department of Mathematics, QAU, Islamabad, Pakistan
3	MSc (Mathematics)	70.60%	2007/1 st	Department of Mathematics, QAU, Islamabad, Pakistan
4	BSc (Math A, Math B, Computer Science)	72.72%	2004/1 st	The University of Peshawar, Pakistan
5	F Sc (Math, Biology, Chemistry)	70.45%	2002/1 st	BISE, Mardan, Pakistan
6	Matric (Science)	70.47%	2000/1 st	BISE, Mardan, Pakistan

Ph.D. Thesis: I have completed my Ph.D. Thesis with title “A Nature-inspired Metaheuristic: The Plant Propagation Algorithm”.

MPhil Thesis: I have completed my M.Phil. Thesis with title “Extension of Noether's theorem to constrained non-conservative dynamical systems in Poincare formalism”.

FIELDS OF INTEREST

- Differential Equations
- Analysis of Mathematical Models
- Hybrid Soft Computing Techniques
- Bio-inspired Algorithms
- Artificial Neural Networks and Optimization Algorithms

Current Research interests

Computational Optimization

- Structural optimization;
- Intelligent optimization;
- Multi-objective optimization;
- Reliability-based design optimization;

Computational and Analysis of Algorithms

- Numerical Solutions of ordinary and fractional differential equations, optimization and stochastic heuristic design;
- Delay differential equations and their applications;

High-Performance Computing (HPC) Algorithms

REFERENCES

Available if required