

CURRICULUM VITAE

Dr. Manzoor Ahmad Zahid Ch.



Personal Details

Father's name:	NOOR MUHAMMAD
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Academic Qualifications

Ph.D (Applied Mathematics)

University van Tilburg, The Natherlands.

: 12th December, 2012

❖ **Area of Research: Logic and social choice**

❖ **Research Topic**

A new Framework for Elections

❖ **Courses:**

Computational Social Choice, Set Theory, Philosophy of Human and Social Sciences, and Rationality, Game Theory.

M.Phil (Particle Physics)

University Of The Punjab, Lahore, Pakistan, 2006.

Marks: 522/800 (65.25%)

❖ Courses:

Group Theoretical Methods in Particle Physics, Quarks and Leptons, Relativistic Quantum Mechanics, Advanced Mathematical Methods, Quantum Electrodynamics, Quantum field Theory, Gauge Theories and its applications, Computational Methods.

❖ Research Thesis:

Study of Response function by Super Kamiokande (SK) and Sudbury Neutrino Observatory (SNO) by Monte Carlo Simulation.

M.Sc (Mathematics)

Bahauddin Zakariya University Multan, Pakistan, 1993.

Marks: 629/1000 (62.90%)

❖ Courses:

Mathematical Physics, Mechanics and Differential Geometry, Algebra, Topology and Functional Analysis, Real Analysis, Complex Analysis, Mathematical Statistics, Numerical analysis, Mechanics & Statistical physics, Solid Mechanics, Fluid Mechanics, and Quantum Mechanics.

M.Sc (Computer Science)

University Of The Punjab, Lahore, Pakistan, 2004.

Marks: CGPA=3.00/4.0 (66.00%)

❖ Courses:

Object Oriented Programming, Introduction to Information Technology, Computational Mathematics, Computer Organization & Assembly Programming, Database Systems, Data Structure & Algorithm, System Analysis And Design, Operating System, Computer Architecture, Operation Research, Internet Programming, Software Engineering-II, Visual

Programming, Data Communication and Networks. Automata Theory, Distributed Database Systems, Artificial Intelligence, Communication Skills

❖ **Project Entitled:**

Computerized Examination & Evaluation System .

Bachelor of Science (B.Sc)

Govt. College Sahiwal (Bahaudin Zakaria University)

Marks: 580/800 (72.50%)

❖ **Courses:**

A-Course of Mathematics, B-Course of Mathematics, Statistics, English Language, Pakistan Studies, Islamic Studies.

Field of expertise

- ❖ Social Choice
- ❖ Computational Social Choice
- ❖ Mathematical Physics
- ❖ Numerical Analysis
- ❖ Mathematical Statistics

Experience

1. Working at COMSATS Institute Of Information Technology (CIIT) Sahiwal Campus w.e.f December 14, 2012.
2. Ten-years experience of teaching Mathematics at Bachelor and Master level, at Cambridge College Pakpattan.
3. Four Years Research Experience and Teaching assistant, at Tilburg University, the Netherlands.
4. Seventeen Years “Science and Math” teaching in the Education Department, Teh & District, Pakpattan.

Conference / Workshops Participated

1. European Science Foundation (ESF), LogICCC launch conference 5-7 October 2008, at Corinthia Panorama Hotel, in Prague.
2. International workshop “ Games and Social Choice” Lyon - France September 24-25, 2008 <http://www.gate.cnrs.fr/spip.php?article218&lang=fr>

3. Public Choice Society, 2009 Annual Meeting, March 5-8, 2009, Imperial Palace Hotel Las Vegas, Nevada. <http://www.pubchoicesoc.org>
4. International Workshop on Social Software and Computational Social Choice; 1-2 April 2009, Lyon-France. <http://www.gate.cnrs.fr/spip.php?article316&lang=en>
5. International Workshop on New Approaches to Voting and Social Choice; 25-26 May 2009, Tilburg, The Netherlands.
6. LGS-6; Logic, Game Theory and Social Choice 6, 26-29 August, 2008 at University of Tsukuba, Ibaraki 305-8573, Japan <http://www.lgs6.org/index.htm>
7. Public Choice Society, 2010 Annual Meeting, March 11-14, 2010 Monterey Bay Marriott Hotel Monterey California, USA. <http://www.pubchoicesoc.org/>
8. The European Public Choice Society (EPCS); October 7-8, 2010, Izmir, Turkey <http://www.epcs2010.org/>
9. LUMS” Advances in Mathematical Methods, Models and Applications” in Lahore, Pakistan on April 17-18, 2010. http://casm.lums.edu.pk/conf_on_RMMMA-10.html
10. SSEAC Workshop on “Voting and Allocation System” Åland, Finland on June 08-09, 2010.
11. Third International Workshop on Computational Social Choice (COMSOC-2010), September 13–16, 2010, in Düsseldorf, Germany. <http://ccc.cs.uni-duesseldorf.de/COMSOC-2010/>
12. Toronto Conference at Ryerson University's International Living Learning Centre (ILLC) Canada, on May 22-26, 2011. <http://www.internationaljournal.org/toronto.html>
13. European Science Foundation (ESF), LogICCC Final Conference, 15-18 September 2011, Berlin, Germany.
14. LGS-7; Logic, Game Theory and Social Choice 7; Bucharest, Romania, 6-9 July, 2011.

Publication/Working Papers

1. Zahid, M. A., de Swart, H “The Borda Majority Count” Submitted to Information Sciences Journal # INS-D-14-310
2. Zahid, M. A.: “Majority Judgment Theory and Paradoxical results” *International Journal of Arts & Sciences*, CD-ROM. ISSN: 1944-6934 :: 4(20):121–131 (2011) <http://www2.eco.uva.es/presad/SSEAC/publications.html>

- 3 “A Fuzzy Approach to Linguistic Decision Making” Submitted to Information Sciences Journal # INS-D-11-1429
- 4 “Experimental Results about Linguistic Voting” Submitted to Mathematical social choice, journal # MSS-D-14-00099.
- 5 Study of slip effects using optimal homotopy asymptotic method for laminar flows between parallel plates of a third grade fluid with MHD” Journal of Applied Mathematical Modelling ; APM-D-13-01866
- 6 Analysis of Linguistic-based voting through centered “ **Ordered Weighted Averaging (OWA) Operators**” (Working Paper)

Research Projects:

1. “Optimal Solution of the boundary value problem arising in Human Physiology” is submitted to HEC for funding.
2. “Image base Voting” working project will be submitted to ICT.
3. The project title “OPTIMAL SOLUTION OF EPIDEMICS DISEASE PROBLEMS” submitted to Higher Education for funding.
4. M.Sc project report title “Comparison of BVP using FEM and FDM” is supervised.
5. M.Sc project report title “Application of FEM for Perturbed Differential Equation” is supervised.
6. M.Sc project report title “Application of FEM for Obstacle Problem” is supervised.
7. M.Sc project report title “Application of Optimal Homotopy Asymptotic Method for Solving Integro-differential Equations” is supervised.

Awards:

1. HEC awards “Overseas Scholarships for MS/M.Phil Leading to Ph.D in selected fields Phase-II, Batch-I, 90%” in April 2008.
2. Research Grant from The Netherlands Organisation for Scientific Research (NWO) during Ph.D studies in Netherlands.

References

❖ **Prof. dr. Harrie de Swart**

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URL: <http://www.tilburguniversity.nl/faculties/humanities/dphil/staff/swart/>

❖ **Prof.dr. Malik Muhammad Yousaf**

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❖ **Dr Muhammad Shoukat Iqbal**

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❖ **Dr Muhammad Sadiq Hashmi**

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