Dr. FAREED AHMAD

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DESIGNATION

Assistant Professor

EDUCATION

NED University of Engineering & Technology

2017 : PhD in Software Engineering

2002: Master in Computer Science

University of Karachi

1991: Master in Mathematics

1989: Bachelor in Science (Honours)

SPECIALIZATION

Intelligent Databases, Fuzzy logic and Fuzzy system, Decision Making

RESEARCH PAPERS

(1)Intelligent Decision Making technique for Marketing using Hypothetical Database and Fuzzy Multi-Criteria Method,2013 Vol 9 Life Science Global, Journal of Basic & Applied Sciences.

(2)Weighting of Marketing Mix Elements Using Fuzzy Analytic Hierarchy Process and Area Based Ranking of Fuzzy Numbers, Applied Sciences Vol. XIV no.2 March 2017, NED University Journal of Research.

MASTER THESIS

1) A comparative study between classical AHP and Fuzzy AHP to understand student's priority while selecting an institute.
2) A new Fuzzy Vogel's Approximation method using triangular fuzzy number for solving transportation problem.
3) Fuzzy Logic based Expert System for Student's project evaluation in the university.

4) Phase Analysis and system design of covid-19 positive patient by using fuzzy inference engine.

5) Estimating the parameters of height-weight relationship among children under five years using fuzzy logic model in Karachi Pakistan.

6) Ranking of Universities in order to Evaluate

Teaching Performance Using Fuzzy MCDM method.

7) An Improved Hybrid Method Using Fuzzy Analytical Hierarchy Process and Multiple Goal Programming for Supplier Selection Problem.

8) Prediction of Flood in Pakistan Through Extreme Value Analysis.

9) Effect of Psychological Capital on Employees Using Fuzzy Logic.

10) A new Fuzzy Vogel's Approximation method using triangular fuzzy number for solving transportation problem.

11) Analysis of undergraduate students' projects using interval-valued fuzzy sets and fuzzy similarity measure.