

Curriculum Vitae

Farnaz Barzinpour

Ph.D. in Industrial Engineering

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I. EDUCATION

Degree	Institution	Field	Date	Grade (20)
Diploma	Narges High School – Tehran, Iran	Physics & Mathematics	1988 - 1992	18.7
B.Sc.	Iran University of Science & Technolog (IUST) - Iran	Industrial Engineering	1992 - 1996	18.1
M.Sc.	Tarbiat Modarres University -Iran	Industrial Engineering	1996 - 1998	19.4
Ph.D.	Tarbiat Modarres University -Iran	Industrial Engineering	1998 – 2003	19.4

II. TITLE OF THESIS

Degree	Title	Supervisor	Co-Supervisor
B.Sc.	Work flow Analysis of Educational Council Elective Committee in IUST	Dr. M.S. Jabalameli	-----
M.Sc.	Cellular Manufacturing Systems with Fuzzy Parameters	Dr. S.H. Zegordi	Dr. A. Memariani
Ph.D.	Scheduling in Cellular Manufacturing Systems with Setup time	Dr. S.H. Zegordi	Dr. M. Aghdasi Dr. A. Memariani

III. HONORS

- **Ranked First** student among all B.Sc. students in country of IRAN from the Ministry of Science, Research and Technology, 1995.
- **Ranked First** among all B.Sc. I.E. graduated students in IUST, 1996.
- **Ranked First** among all M.Sc. graduated students of Faculty Engineering in Tarbiat Modarres University, 1998.

IV. MEMBERSHIP OF SCIENTIFIC SOCIETIES

- Iran Industrial Engineering Society
- Iranian Operations Research Society

V. RESERCH INTERESTS

- Cellular Manufacturing Systems and Group Technology
- Scheduling
- Metaheuristic Methods (Simulated Annealing, Tabu Search, Genetic Algorithm, Ant Colony)
- Multiple Criteria Decision Making
- Optimization
- E-Learning
- Information Technology

VI. PAPERS (JOURNAL & CONFERENCE)

- 1) **Barzinpour, F.** , “The Review of Cellular Manufacturing Systems and Cell Formation Methods”, *The 6th Industrial Engineering Student Conference, Sharif University of Technology, Tehran-Iran, 1999* (In Persian).
- 2) **Barzinpour, F.**, and Zegordi, S.H., “A Simulated Annealing Scheme for Solving Cell Formation Problem with Fuzzy Demand”, *Amirkabir Journal of Science and Technology*, Vol. 11, No. 44, 2000, pp 539-553 (In Persian).

- 3) **Barzinpour, F.**, “ Introduction a Metaheuristic Approach : Simulated Annealing”, *The 8th Industrial Engineering Student Conference, Alzahra University, Tehran-Iran, 2001*(In Persian).
- 4) **Barzinpour, F.** and Zegordi, S.H. “A Metaheuristic for Scheduling in Cellular Manufacturing Systems with Setup times”, *EURO/INFORMS Joint International Meeting, Istanbul-Turky, July 6-10, 2003.*
- 5) **Barzinpour, F.** and Zegordi, S.H. “A Simulated Annealing Scheme for Scheduling in Cellular Manufacturing Systems with Setup Time”, *Amirkabir Journal of Science and Technology*, No. 60-2, 2005 (In Persian).
- 6) **Barzinpour, F.**, Bagherpour, M., Noori, S. and Nikfard, P. “Single Machine Scheduling Problem with Earliness-Tardiness Penalty using Hybrid Neural Network-Tabu search”, *International Conference on Enformatika System Sciences and Engineering, Krakow-Poland, Dec. 2005.*
- 7) **Barzinpour, F.** and Zegordi, S.H. “A Simulated Annealing Scheme for Scheduling in Cellular Manufacturing Systems with Alternative Process Plans”, *The 4th International Industrial Engineering Conference, Tehran-Iran, Dec. 2005 (In Persian).*
- 8) **Barzinpour, F.** and Zegordi, S.H. “A Metaheuristic for Scheduling in Cellular Manufacturing Systems with Sequence-dependent Setup Times”, *Submitted to Journal of Scientia Iranica.*

VII. WORK EXPERIENCE

- ❖ Participation in “Recognition Project of Key Technologies of IT in Dispatching Research Center”, Iran Management & Productivity Study Center.
- ❖ Participation in “BPR Project in Ministry of Labor”, Iran Management & Productivity Study Center.
- ❖ Senior Project Planning and Control in EPC Projects in Iran International Engineering Co. (IRITEC).
- ❖ Project Management of Knowledge Management in Iran International Engineering Co. (IRITEC).
- ❖ Researcher in E-learning Group in Institute of Information Technology, Tarbiat Modares University.

- ❖ Lecturer in Iran University of Science & Technology (IUST).

VIII. COURSES TAUGHT

◆ Graduate

- Metaheuristic Methods in Optimization problems
- Research Methods
- Engineering Economy
- Operations Research

◆ Undergraduate

- Operations Resesarch (I)

IX. COMPUTATIONAL EXPERIENCE

- ❖ Programming with FORTRAN, BASIC and TURBO C++ Language.
- ❖ Working with Software : LINDO, LINGO, MATLAB, VP-Expert , STATGRAPH , Microsoft Project , Primavera (P3) , Primavera Expedition and Microsoft Office.