



**Name:** Ramin

**Surname:** Haghighi Khoshkho

**Present Position:** R&D Manager, Monenco Iran consulting Engineers, Tehran, Iran

**Education:**

PHD of Mechanical Engineering in Fluid Dynamics and Heat Transfer Field,  
University of Joseph Fourier, Grenoble, France 1991 –1994

M.S. of Mechanical Engineering, Energy Conversion Technical Faculty, Tehran  
University, Tehran, Iran, 1986 –1991, Rank 3

B.S. of Mechanical Engineering, in Heat Transfer And Fluid Mechanic Field  
Technical Faculty, Tehran University, Tehran, Iran, Rank 1

**Work Experiences:**

20 years in engineering and research and development fields

**Skills:**

Heat transfer analysis, Fluid Mechanic analysis, Optimization and Designing  
(Conceptual, Basic and Detail) Mechanical Systems for the different main components  
of thermal power plant such as: condenser, boiler, cooling system, energy storage,  
HRSG. Wind power plant-Solar thermal power plant-CCHP

**Software Skills:** Engineering software

**Professional Experiences:**

R&D Manager Monenco Iran Consulting Engineers from 2007 till now.

Project Manager of Air Cooled Condenser Technology Transfer

Assistant professor in PWUT (Power and Water University of Technology), Faculty of  
Mechanic and Energy from 2002 till now

Vice president of Power Generation Research Centre 1998 to 2000

Manager of Mech. Eng. Department of Electric power research institute (MATN)  
1995 to 1998



Vice Manager of Mech. Eng. Department of Electric power research institute (MATN)  
1993 to 1995

Expert of mechanical engineer in Mech. Eng. Department of Electric power research  
institute (MATN) 1990 to 1993

#### Publications

- The Role of Binary Mixtures of Particulars on Air-Side Fouling Of Compact Heat Exchangers, Heat Set 2005
- Air Side Fouling of Compact Heat Exchangers for Discrete Particle Size Ranges, Heat Transfer Engineering
- Air Side Fouling of Compact Heat Exchangers for Discrete Particle Size Ranges Heat Set 2007

More than 50 Persian papers in the journals and conferences

Participate in writing and revising the 2 books. "Elementary design of thermal power plants vol.1 & vol.2"