

**Dr. Ghaffar Jahangiri**  
**Associate Professor**



**University Degrees**

- Ph.D., University of Toulouse, France
- MSC, University of Toulouse, France
- BSC, Mechanical Engineering, University of Tehran

**Research Interests**

- Water hammer and controlling methods
- Hydraulic turbo machines (Turbines and Turbo pumps)

**Current Researches**

- Application of turbo-pumps as an electrical generating machine (Reverse pumps)
- Study and efficiency increase of non-classic turbines (Michelle-Bankie) in S.H.P

**Courses**

- Hydro power plants

**Selected Publications**

- G. Jahangiri and A. Nourbakhsh: "Development of Hydropower stations in Iran", Leuven, Belgium, Sep. 1992
- Nourbakhsh and G. Jahangiri: "Inexpensive Small Hydropower Stations for Rural Areas of Developing Countries", Leuven, Belgium, Sep. 1992
- G. Jahangiri: "Selection of Turbine for Hydroelectric Powerplants", Faculty of Engineering's Journal
- G. Jahangiri: "The Cavitation Phenomenon in Hydraulic Turbines", Faculty of Engineering's Journal
- G. Jahangiri: "Similitude Correlations and Their Limitations in Experimental Work", Faculty of Engineering's Journal
- G. Jahangiri: "Bankie Turbine and Their Future", Faculty of Engineering's Journal