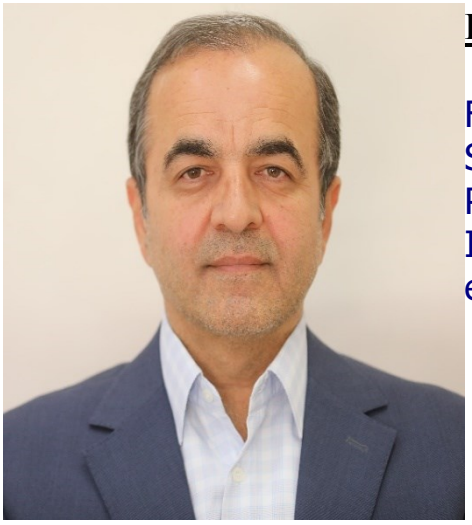


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Education:

Ph. D. Queensland University of Technology, Brisbane, Australia, 2004, Thesis title: "Time-Frequency Based Detection of Newborn EEG Seizure".

M. Sc.Amirkabir University of Technology, Tehran, Iran, 1996, Thesis title: "Designing an Automatic Farsi Syntax Analyser".

B. Sc. Iran University of Science and Technology, Tehran, Iran, 1993, Project title: "Designing a 24-bit Microprocessor Using Microprogramming".

Academic Experience:

- Full Professor, Faculty of Computer Engineering, Shahrood University of Technology, Shahrood, Iran, since 2012.
- Associate Professor, Faculty of Computer, Shahrood University of Technology, Shahrood, Iran, 2008-2012.
- Assistant Professor, Computer Engineering, Department of Electrical Engieering, University of Mazandaran, Babol, Iran, 2004-2008.
- Visiting Professor, Faculty of Built Environment and Engineering, Queensland University of Technology, Australia, July – September 2009.
- Editor-in-Chief, **Journal of AI and Data Mining**, Shahrood University of Technology, Iran, Since 2012.
- Member, Editorial Board, **International Journal of Engineering**, Iran, Since 2011.
- Member, Editorial Board, **Iranica Journal of Energy & Environment**, Iran, Since 2010.
- Member, Permanent Committee, International Conference on Signal Processing and Intelligent Systems (ICSPIS).
- Technical Chair, The 6th Conference on Information and Knowledge Technology, Shahrood, Iran, 2014.

- Technical Chair, The first International Conference on Signal Processing and Intelligent Systems (ICSPIS), Amir Kabir University of Technology, Tehran, Iran, 2015.
- Technical Chair, The Second International Conference on Signal Processing and Intelligent Systems (ICSPIS), Amir Kabir University of Technology, Tehran, Iran, 2016.
- Chair, The Third Iranian Conference on Signal Processing and Intelligent Systems (ICSPIS), Shahrood University of Technology, Shahrood, Iran, 2017.
- Member, Executive Director, Journal of Advances in Computer Research, Since 2010.
- Technical member for the Fifth Australian Workshop on Signal Processing (WoSPA'02), Australia, 2002.
- Research Assistant: School of Electrical and Electronic Systems Engineering, Queensland University of Technology, Brisbane, Australia, 2003-2005.
- Teaching Assistant: Faculty of Information Technology, Queensland University of Technology, Brisbane, Australia, 2000-2004.
- Lecturer: Department of Computer Engineering, Azad University, Sari, Iran, 1996-2000.

Technical Areas of Interest:

- Data Mining, Text Processing
- Image Processing, Video Analysis
- Biomedical Signal Processing
- Time-Frequency Signal Processing and Analysis
- Machine Learning, Deep Learning

Academic Positions:

- Vice Chancellor in Research & Technology, Shahrood University of Technology, Shahrood, Iran, July 2022- present.
-
- Head, Virtual Learning Center, Shahrood University of Technology, Shahrood, Iran, July 2020- July 2022.
- Dean, Faculty of Computer Engineering & IT, Shahrood University of Technology, Shahrood, Iran, 2010- April 2017.
- Director, Computer Laboratory, Department of Computer & Electrical Engineering, Babol University of Technology, Babol, Iran, 2006 – 2008.
- Dean of Computing, Babol University of Technology, 2006-2009.
- Member, Research Committee, Iran Telecommunication, Mazandaran, 2006-2008.
- Member, ICT Promotion Board, Semnan Science & Technology Park, Semnan, Iran, 2005-2006.

Honors and Awards:

- Distinguished Professor of the Year in Research, Faculty of Computer Engineering & IT, Shahrood University of Technology , Shahrood, Iran, 2009~2021, 2022~2023.
- Distinguished Professor of the Year, Semnan Province, Iran, 2017.
- Distinguished as the Celebrated Research Scientist in the Province of Mazandaran, Iran, 2008

- Distinguished Professor of the Year in Research, Department of Computer & Electrical Engineering, Babol University of Technology, Babol, Iran, 2006-2007.

Courses Taught:

❖ *Undergraduate*
- Assembly Language Programming
- Computer Architecture
- Data Structure
- Information Storage and Retrieval
- Signal & System

❖ *Postgraduate*
- Digital Signal Processing
- Advanced Digital Signal Processing
- Random Process
- Advanced Microprocessor
- Neural Networks
- Machine Learning
- Data Mining
- Digital Image Processing
- Advanced Digital Image Processing

Patent:

B. Zehtabian, H. Hassanpour, and A. Zehtabian**,** "Versatile Data Emulator", *I.R. Iran National Patent* 71353, September 2011.
H. Hassanpour, and S. Asadi, "Image Enhancement Using Gamma Correction", *I.R. Iran National Patent* 78949, March 2013.

Publication:

Books and Book Chapters

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Journal Papers

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