

# Mohammad Pazouki

Professor

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Google Scholar: <https://scholar.google.com/citations?user=IXihMKoAAAAJ&hl=en>

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## Research/Expertise

- **Environmental Biotechnology:** Wastewater treatment, heavy metal reduction, nanoparticle biosynthesis, kaolinite beneficiation
- **Bioenergy:** Biodiesel, Bioethanol, Microbial Fuel Cells
- **Statistical Bioprocess Optimization:** Used for most of the researches carried out
- **Biodegradation:** Microbial degradation of effluents
- **Biomaterial Synthesis**

## Education

S. No.	Institution Place	Degree Awarded	Year	Field of Study
1	Indian Institute of Technology-Madras, Chennai, India.	Ph. D.	2000	Biochemical Engineering
2	Osmania University, Hyderabad, India.	M. Tech	1986	Chemical Technology
3	Coimbatore Institute of Technology, Coimbatore, India	B. Tech	1994	Chemical Engineering

## Position and Employment

S.No.	Institution Place	Position	From (Date)	To (date)
1	MERC, Department of Renewable Energy	Professor	July 2016 onward	Till date
2	MERC, Department of Renewable Energy	Associate Professor	May 2007	June 2016
3	MERC, Department of Renewable Energy	Assistant Professor	Jan 2000	April 2007
4	MERC, Department of Ceramics	Research Assistant	Dec 1991	Dec 2000
5	MERC, Department of Ceramics	Researcher	Dec 1991	Oct 1991
6	Industry	Research and Development Expert	Oct 1988	Oct 1991

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## Honors/Awards

- Recipient of outstanding Scientific leaders of Alborz province in the year 2021.
- Recipient of Outstanding Researcher award from Head, Materials and Energy Research Center for the year 2019.
- Recipient of Outstanding Researcher award from Governor of Alborz Province for the year 2011.
- Recipient of Country Selected Researcher award from Minister of Science, Research and Technology for the year 2004
- Recipient of Institute Research and Development award in for the year 2002 (MERC)
- Elected as Editorial Board member and Editor in Chief of Journal of Renewable Energy and Environment; [www.jree.ir](http://www.jree.ir)
- Elected as Editorial Board member in Journal of Biofuels; <http://www.indianjournals.com/ijor.aspx?target=ijor:jbf&type=home>
- Elected as Editorial Board member in Iranian Journal of Chemical Engineering (Farsi Edition); [www.ijche.ir](http://www.ijche.ir)
- Elected as Editorial Board member in Iranian Journal of Chemical Engineering (English Edition); [www.ijche.com](http://www.ijche.com)
- Elected as Editorial Board member in International Journal of Engineering; [www.ije.ir](http://www.ije.ir)
- Elected as Editorial Board member in Advanced Environmental Technology [aet.irost.ir](http://aet.irost.ir)
- Elected as Editorial Board member in Iranica Journal of Energy and Environment; [www.ijee.net](http://www.ijee.net)
- Elected as Editorial Board member in Separation science and Engineering; <http://jsse.uk.ac.ir/>
- Elected as Editorial Board member in Journal of Applied Research in Water and Wastewater; <http://arww.razi.ac.ir>
- Elected as Member of Managing Board of Iranian Association of Chemical Engineers (2010-2017)
- Awarded grant from Iranian National Science foundation
- Qualified in Graduate Aptitude Test in Engineering (GATE' 93) for M. Tech admission

## Publications

International: **84** *h-index* **Scopus: 24** g. scholar **29** (10.01.2024)  
National: **32** (In Farsi) *Citation* **Scopus 2440** g. scholar **3898** (10.01.2024)  
Books: **01** (in Farsi)  
Book Chapter: **01**  
International conferences: ~ **50**  
National conferences: ~ **100**  
Key Invited talks: **4**

## Sponsored projects

Completed: **15**

## Research guidance

- MS: 35 (guide and co-guide) + Advisor: **11**

- PhD: 7 (guide and co-guide) + Advisor: 4
- Ongoing PhD: 3 (guide and co-guide): 1
- Ongoing MS: 3 (guide): 1

### Professional memberships

- Life Member Iranian Association of Chemical Engineers
- Life Member Iranian Association of Biotechnology
- Life member, Iranian Association of Chemistry,
- Life member, Iranian Biofuel Society

### Courses taught

- Nanobiomaterials (PhD Level)
- Process Design for Materials Production (PhD Level)
- Applied Statistics (MS Level)
- Bioenergy (MS Level)
- Enzyme Technology (MS Level)
- Error Measurements in Materials Science Research (MS Level)
- Research Methodology (MS Level)
- Principles of Water and Wastewater Treatment (UG Level)
- Chemistry of Environment (UG Level)
- Chemistry of Materials- Glass, Cement and Refractories (UG Level)

### Reviewed scientific articles in international journals

- Process Biochemistry, Bioresource Technology, Journal of Hazardous Materials, Chemical Engineering Journal, Iranian Journal of Biotechnology, Iranian Journal of Chemical Engineering, Iranian Journal of Chemistry and Chemical Engineering, International Journal of Engineering, Iranian Journal of Science and Technology, etc.
- Reviewer and supervisor of projects and research grants for Iran National Science Foundation
- Reviewer of several MS and Ph.D. thesis from abroad and Iran
- Reviewer of International and national conferences.

### Professional Service

- Member, Auditing Committee for faculty's promotion, MERC and other Institutes (as Joint Committee).
- Member of the Faculty Recruiting Committee in MERC.
- Served as Member of the Board of Trustees, MERC.
- Served as Member of the Board of Trustees, Maziar University.
- Served as Deputy Research and Graduate Studies in MERC.
- Served as Head of the Department of Renewable Energy and Environment.
- Served as Supervisor, Environment Group of Renewable Energy and Environment Department in MERC.
- Served as Member, Council of Renewable Energy and Environment Department in MERC.
- Served as Manager of project monitoring, evaluation and control office in MERC

- Served as Member of Doctoral committee for Ph.D. students.
- Involved in a lot of departmental and Institute activities such as curriculum development, order and purchase of equipment, establishment of labs for environment group as well as department of renewable energy and environment in MERC.
- Served as Member, Scientific Committee of several National and International conferences.
- Served as internal, external and foreign examiner of MS and PhD thesis.
- Served supervisor of a number of projects awarded by NISF.

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