

Isfahan University of Technology



EMBRACING THE FRESH START OF 2024

A NEW YEAR, A NEW BEGINNING...

IUT International E-Newsletter

A Window to International Activities of IUT

Volume 5, Issue No. 2

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2023



What we read in this issue:

- IUT International News
- IUT Awards & Honors
- International Opportunities



Happy New Year 2024



Dear all,

*We would like to extend our warmest congratulations on the occasion of the new year 2024.
May this year brings you all success, good health, and happiness.*

*We are proud to be part of such a diverse and talented community, and we look forward to
continuing our work together in promoting global education and collaboration.*

Wishing you all the best for the year ahead.

Warmest wishes,

IUT International Scientific Cooperation Center Team

Excelling in International Communications: Isfahan University of Technology Takes the Lead

Appreciation for IUT International Scientific cooperation Center by the Ministry of Sciences, Research, and Technology as the Top University in International Communications

The Center for International Scientific Cooperation at the Ministry of Science, Research, and Technology recognized Isfahan University of Technology as the top university in the field of international collaboration in the academic year 2022-2023.



The appreciation ceremony for successful universities in carrying out joint projects utilizing the capabilities of Iranian experts residing outside the country was held on Saturday, December 2, 2023, at MSRT. In this ceremony, **Dr. M. Mohammadzadeh Attar**, the Vice Director of International Scientific Cooperation Center of MSRT, considered the performance of Isfahan University of Technology in the implementation of joint scientific, research, and technological projects with Iranian specialists residing abroad to be commendable.

He stated that the international scientific growth and excellence of the country and building a shining and hopeful future require dynamism, enthusiasm, and creativity arising from the social responsibility of elite scientific universities. He said: "This path provides an opportunity and platform for the blossoming and support of creativity by utilizing the capacity and capabilities of Iranian elites residing abroad".

The Deputy of the Center for Scientific and International Cooperation of the MSRT, in his further remarks, mentioned the important areas in which cooperation with Iranians abroad can be fruitful.

He emphasized: "MSRT provides special support for projects in the fields of nanotechnology, microelectronics, biotechnology, quantum physics, data engineering, cognitive sciences, water resources management, Internet of Things, artificial intelligence, exchange of science and technology, and organizing specialized conferences and meetings among Iranians inside and outside the country."

It should be noted that at the end, Isfahan University of Technology and several other universities, including Tehran University, Shahid Beheshti University, Shiraz University of Technology, Sharif University of Technology, Amir Kabir University of Technology, Alzahra University, Iran University of Science and Technology, Khaje Nasir Toosi University of Technology, Ferdowsi University of Mashhad, Imam Khomeini International University, and National Institutes of Genetic Engineering and Biotechnology, and Color, were honored with certificates of appreciation.

IUT Shines at the Annual Exhibition of International Education in China



Isfahan University of Technology had a significant presence at the 24th China Annual Conference for International Education, which took place from October 26th to 29th in Beijing. This exhibition saw the participation of over 50 universities from around the world. Iran, along with leading universities, actively participated in this exhibition for the first time.

Considering the strategic importance of China in international scientific collaborations between universities and higher education institutions, as well as the Ministry of Science's efforts to attract more international students, the Student Affairs Organization decided that Isfahan University of Technology, Tarbiat Modares University, Sharif University of Technology, and Tehran University of Medical Sciences would participate in the specialized China Higher Education Exhibition (CEE 2023).



Dr. Peiman Mosaddegh, the Director of the International Scientific Cooperation Center at Isfahan University of Technology, represented the university in this exhibition, and along with the delegation from the Student Affairs Organization, hosted various visitors at the Iran booth.

During this trip, visits and meetings were conducted, resulting in six memorandums of understanding with Chinese universities and research institutions, including the National Center for Nanoscience and Technology of China, Beijing Institute of Technology (BIT), Institute of Process Engineering (IPE) affiliated with the Chinese Academy of Sciences, Nanjing Agriculture University (NAU), Shandong University, and Donghua University. Successful negotiations and discussions were also held with science and technology parks such as Tuspark (one of the largest science and technology parks in China) and Skoda, aiming to attract investment in the field of science and technology. Additionally, Chinese parties agreed to provide scholarships to Iranian students.

CEE 2023 Visual Showcase



Success for IUT: Approved by the Ministries of Science of China and Iraq

Inclusion of Isfahan University of Technology in the list of approved universities for scholarship and non-scholarship students in 2023-2024 academic year by the Ministry of Science of China and Iraq.

Thanks to the dedicated efforts and persistent follow-ups by IUT College of International and IUT International Scientific Cooperation Center, our university has been officially recognized by the Ministry of Science of Iraq, enabling us to receive valuable Iraqi government scholarships.

Furthermore, **Dr. Esmail Mehryar**, the scientific and cultural counselor of the Islamic Republic of Iran in China, has diligently advocated for Isfahan University of Technology and other esteemed Iranian universities, leading to our inclusion in the Ministry of Science of China's list of approved universities. To view the list of approved universities of the Islamic Republic of Iran in China, please visit: <https://iscoweb.iut.ac.ir/fa/node/1429>



Commemorating the Research Week and the World Soil Day at IUT

The annual conference of World Soil Day was held during the Research Week with the presence of top soil researchers, professors, and students, organized by the Research Deputy of the College of Agriculture and the Scientific Society of Soil Sciences and Engineering at the College of Agriculture. During this conference, while presenting the latest achievements in the field of soil science, the estimated annual damage of soil erosion in the country, amounting to \$28 billion, was emphasized



regarding its importance in food security and the production of clean water. **Dr. Mohammad Ali Hajabbasi**, the Head of the Soil Department, emphasized the importance of soil in the world, stating that this year's slogan for World Soil Day is "**Soil and Water, the Sources of Life.**"

He added that one of the goals of the conference is to use experts and researchers to provide optimal solutions for soil utilization since soil has a direct relationship with food security and human health. During the conference, the scientific secretary emphasized the key highlights of this year's event, which encompassed diverse programs. These included the presentation of remarkable scientific accomplishments by Isfahan University of Technology graduates and researchers, interactive sessions with provincial entrepreneurs and top managers, as well as an insightful book introduction session. Notably, the significance of soil, being a fundamental component of our natural environment, has led the United Nations Food and Agriculture Organization (FAO) to designate December 5th as World Soil Day since 2012, coinciding with Azar 14th. Moreover, the years 2015 to 2024 have been recognized as the International Decade of Soils, further emphasizing the importance of this vital resource.

A Window to the World Conference (1)



The "Window to the World (1)" conference, focusing on trade with Africa and specialized analysis of commercial and economic relations, as well as export and import solutions to the African countries, was held on Wednesday, December 20, 2023, at the conference hall of Isfahan City Center, with the participation of officials, ambassadors, business and economic activists from African countries, as well as directors and international experts of IUN Consortium (Isfahan Universities Network for International Cooperation).

In this event, opportunities for scientific cooperation between Iran and Africa were also discussed, with a focus on scientific diplomacy, technology, and academic exchange solutions for the African continent. Introducing the capacities and scientific programs of Isfahan's leading universities and centers (IUN), along with setting up an exclusive booth for this consortium, were among the other programs of this event. In the wake of this conference, delegates from Isfahan University of Technology, Isfahan University of Medical Sciences, Isfahan Science and Technology Town, University of Isfahan, and Art University of Isfahan showcased their extensive scientific and academic prowess.



IUT Awards & Honors

18 Faculty Members at IUT among "2023 Top 1% Highly Cited Researchers in the World"



"Isfahan University of Technology Shines with 18 Researchers Recognized as Top 1% Highly Cited Worldwide".

Isfahan University of Technology has achieved a remarkable feat with 18 of its researchers being identified as the top 1% highly cited researchers globally. The Institute for Scientific Information (ISI) recently released a list featuring 938 highly cited Iranian researchers, and among them, these 18 researchers hail from Isfahan University of Technology.

The ISI meticulously curated the list based on Essential Science Indicators (ESI) in 2023, monitoring 22 subject areas of science. Isfahan University of Technology proudly boasts representation across various fields, with 8 researchers excelling in agriculture, 4 in chemistry, 5 in engineering, and 2 in multidisciplinary domains.

Among these exceptional researchers, Dr. Hamed Bakhshian, a member of the Department of Physics, stands out as the most highly cited researcher from Isfahan University of Technology, garnering an impressive 38,845 citations.

It is worth noting that highly cited researchers play a pivotal role in the growth and advancement of scientific systems, and the presence of highly cited institutions and researchers serves as a significant indicator of scientific credibility on a global scale.



Congratulations to Prof. Massood Zandi Atashbar: Named 2023 IEEE Fellow

Prof. Massood Zandi Atashbar, an alumnus of the Department of Electrical and Computer Engineering at Isfahan University of Technology and currently a professor at Western Michigan University in the USA, has been honored with the prestigious title of 2023 IEEE Fellow.

This esteemed recognition is in acknowledgment of his significant contributions to the field of **flexible hybrid electronics**.

Prof. Atashbar, a Senior Member of IEEE, holds a B.Sc. degree in electrical engineering from Isfahan University of Technology (1989), an M.Sc. degree from Sharif University of Technology (1992), and a Ph.D. from Royal Melbourne Institute of Technology University, Australia (1998).

From 1998 to 1999, he was a Post-Doctoral Fellow with the Center for Electronic Engineering and Acoustic Materials, Pennsylvania State University, State College, PA, USA.

He is currently a Presidential Innovation Professor, a Professor of Electrical and Computer Engineering Department, and the Founding Director at the Center for Advanced Smart Sensors and Structures (CASSS), Western Michigan University, USA. He is a Distinguished Faculty Scholar Awardee. He has authored or co-authored more than 300 refereed articles, refereed conference proceedings, and four book chapters.

In addition, he has more than ten patents and 35 intellectual disclosures. His research interests include physical and chemical sensor development, wireless sensors, and nanotechnology applications in sensors and flexible hybrid electronic devices.

Dr. Atashbar is an Associate Editor for the Frontiers in Sensors Journal and acted as a Guest Editor for a special issue on printed and flexible sensors in the MDPI Biosensors Journal. He also served as an Associate Editor for the IEEE Sensors Journal, from 2006 to 2016. (<https://ieeexplore.ieee.org/author/37295958200>)

It is worth noting that in addition to Prof. Massood Zandi Atashbar, several other esteemed individuals from Iran have attained this prestigious recognition. **Prof. Alireza Bakhshai**, a graduate and former faculty member of the Department of Electrical and Computer Engineering at IUT, achieved this honor in 2021. Likewise, **Prof. Jamaloddin Golestani**, a former professor of IUT and assistant professor at the Department of Electrical Engineering, Sharif University of Technology, was recognized in 2000. Other notable individuals include **Prof. Homayoun Hashemi** (2023), **Prof. Javad Salehi** (2011), and **Prof. Mahmoud Fotouhi Firoozabad** (2014).

The IEEE Grade of Fellow recognizes individuals with exceptional accomplishments in IEEE fields of interest. Each year, no more than one-tenth of one percent of the total voting membership is selected.

Being an IEEE Fellow is highly respected and seen as a significant career achievement. The IEEE is a prominent global professional organization focused on advancing technology for the betterment of humanity. With 400,000 members in 160 countries, it is an authoritative voice in areas like aerospace systems, telecommunications, biomedical engineering, and more. The IEEE publishes 30% of the world's literature in electrical and electronics engineering and computer science and has created over 900 active industry standards.

The IEEE also sponsors or co-sponsors nearly 400 international technical conferences each year. If you would like to learn more about IEEE, please visit www.ieee.org.



Call for Scholarships -Study in China 2024



According to the announcement by the Student Affairs Organization and following negotiations and coordination with the esteemed Cultural and Scientific Counselor of IR. Iran in China, scholarships for **Master's** and **Doctoral** Degrees are being offered for eligible applicants.

It should be noted that some of these scholarships are specifically offered to students at Isfahan University of Technology.

For more information and to access the relevant forms, please visit : <https://iscoweb.iut.ac.ir/fa/node/1430>

Call for Two Master's Degree Programs from Tsinghua University - China

After Isfahan University of Technology's participation in the 24th China Annual Conference for International Education (CEE 2023) in October 2023, we have received information regarding two **Master's** Degree Programs offered by Tsinghua University in China.

For more information, please visit: <https://iscoweb.iut.ac.ir/fa/node/1411>

清华大学工业工程系
Department of Industrial Engineering, Tsinghua University

清华大学工程管理硕士教育中心
MEM Education Center, Tsinghua University

TSINGHUA UNIVERSITY

Department of Industrial Engineering

International Master of Engineering Management (IMEM) Program

Application Period: Oct. 15, 2023-May 1, 2024

Introduction

Tsinghua IMEM is a 2-year Master's Program designed to train global engineering project leaders. It focuses on multidisciplinary education to enhance management and leadership skills in a globalized context

Curriculum

- ✓ Engineering
- ✓ Technology
- ✓ Management
- ✓ Immersion Class
(Practical learning through on-site visits)

IMEM students are trained to:

- Acquire a comprehensive understanding of engineering management using the latest knowledge.
- Understand Chinese engineering practices deeply.
- Collaborate in cross-cultural settings.
- Strengthen their engineering skills within the Chinese context.

清华大学工业工程系
Department of Industrial Engineering, Tsinghua University

清华大学工业工程系
Department of Industrial Engineering, Tsinghua University

TSINGHUA UNIVERSITY

Department of Industrial Engineering

Global Manufacturing and Analytics Program (Master of Science in Management Science and Engineering)

Application Period: Oct. 15, 2023-May 1, 2024

Introduction

- 2-year Master's Program
- Professionally-oriented
- Focus on the manufacturing industry in China
- 10-15 students every cohort
- About 150 graduates from more than 40 countries

Curriculum

- ✓ Manufacturing
- ✓ Data Analytics
- ✓ Logistics
- ✓ Engineering & Culture

GMA Program Mission

- To become a world-class international program in the integration of industrial engineering, and the manufacturing and logistics industries in China
- To lead "Made in China" to "Created in China"
- To prepare outstanding international students ready to work with Chinese

We are thrilled to announce the launch of the IUT International Newsletter, dedicated to fostering global scientific collaborations and promoting international relations. As part of our commitment to a sustainable future as a Green University, this electronic publication aims to keep you informed about our exciting endeavors.

By registering your email, you will receive the latest issues of the Newsletter directly to your inbox. We highly encourage your active engagement by sharing your valuable comments, suggestions, and contributions related to IUT. Your input will help shape future editions of the Newsletter, showcasing the diverse achievements and initiatives of our university.

To explore previous issues and access additional information about the Newsletter, please click [here](#). Moreover, we are delighted to share that the Newsletter will also be available through a convenient QR code, ensuring easy access for our readers.



Together, let us embark on this journey of knowledge exchange and collaboration, as we work towards our shared goals. Your constructive participation will play a pivotal role in guiding us towards greater international impact and excellence.

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The IUT International Newsletter is a periodic e-newsletter exclusively for IUT students and staff.

We appreciate and welcome your constructive comments and valuable suggestions.

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