

*Ramadan Kareem*



# IUT International E-Newsletter

A Window to International Activities of IUT

Volume 2, Issue No. 6

March & April 2021



## What we read in this issue:

- IUT International News
- IUT Awards and Honors
- An Overview on IUT International Activities- Collaboration with Non-Resident Iranians
- Opportunities
- Introduction on International Organizations-Islamic Development Bank



## Signing MOUs:

### ◆ IUT and the University of Limerick signed a Mutual MOU

A 3-Year Memorandum of Understanding between Isfahan University of Technology (IUT) and the University of Limerick (UL), **Ireland** on facilitating collaborations between these universities and articulating the intention to develop specific models of cooperation between them has been signed in March 2021.

In order to promote cooperation, IUT and UL agree to explore the possibility of developing collaborations that are mutually beneficial to the staff and students at both universities.

This MOU has been under consideration since last year after the suggestion given by the Limerick University of Ireland to the Iranian embassy in that country.

It should be said that UL is a prestigious university that has received an overall five-star rating of the QS Star Rating System, the only university in Ireland to achieve this in 2021. Also, in the Times Higher Education Impact Rankings 2021, this university has been placed 50 out of 1115 Higher Education Institutions globally. [Read More...](#)



### ◆ Agreement for Educational and Scientific Cooperation between Universities of Della Calabria and IUT

In order to promote further cooperation and friendship between **Iran** and **Italy**, the University of Calabria and Isfahan University of Technology (IUT) agreed to establish ties of friendship and cooperation to promote mutual understanding and academic, cultural, scientific, and personal exchange.

After the suggestion offered by the University of Calabria, and with the approval of the IUT Department of Mechanical Engineering, as well as considering the scientific collaborations of **Prof. Dr. Mahmoud Kadkhodaie** with faculty members of the University of Calabria, the issue was examined at the IUT International Scientific Cooperation Center. And after the approval of the esteemed board of directors, an MOU with this university was signed by the presidents of both universities in April 2021.

The exchange of professors and students is the focus of the cooperation agreed upon by the parties in this three-year cooperation memorandum.



### Newly Signed Erasmus+ Agreement

During March and April 2021, cooperation agreements were signed with some **German** and **Spanish** universities as EU Erasmus+ Faculty–Student exchange agreements.

- Signing an Erasmus+ contract with the University of Girona, Spain - **Prof. Dr. Tayebbeh Behzad** from the IUT Department of Chemical Engineering.
- Re-signing an Erasmus+ contract with Passau University of Germany - **Prof. Dr. Maryam Mozerani** from the IUT Department of Electrical and Computer Engineering.
- Re-signing an Erasmus+ contract with Kassel University, Germany - **Prof. Dr. Amir Hashemi** from the IUT Department of Mathematics.
- Re-signing an Erasmus+ contract with Polito University of Italy - with the IUT International Scientific Cooperation Center.
- Re-signing an Erasmus+ contract with the University of Freiburg, Germany - **Prof. Dr. Hossein Moradi**, a faculty member of the IUT Department of Natural Resources Engineering.



The institutions named above agreed to cooperate for the exchange of students and/or staff in the context of the Erasmus+ program. They committed to respecting the quality requirements of the Erasmus Charter for Higher Education in all aspects of the organization and management of the mobility, in particular recognition of the credits (or equivalents) awarded to students by the partner institutions. The institutions are also committed to applying sound and transparent management of funds allocated to them through Erasmus+.



U N I K A S S E L  
V E R S I T Ä T



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## Holding Webinars



**Iran-China Virtual Symposium on Nanoscience and Nanotechnology (A UT5 Scientific Event)** hosted by K.N Toosi University of Technology on March 3 –4, 2021.

This event was held for official collaborations in science and technology, especially on Nanotechnology, that had been already initiated between Iran and China. Many effective programs have been launched in this regard, such as the joint program by Iran Vice -presidency for Science and Technology and Chinese Academy of Sciences (CAS).

This event aims at initiating and promoting scientific collaboration between Iranian and Chinese scientists and also organizing and running such events by the consortium of 5 top Iranian Universities of Technology (UT5), in order to facilitate direct contact of the leading scientists of these universities with their Chinese counterparts.

From Isfahan University of Technology, **Prof. Dr. Mohammad Hossein Enayati** from the IUT Materials Engineering Department and **Prof. Dr. Mehdi Karevan**, a faculty member of the IUT Mechanical Engineering Department gave lectures and shared their experiences in this field with their counterparts.

IRAN-CHINA  
Virtual Symposium on  
Nanoscience and Nanotechnology  
NANOIRCN 2021

Topics:  
Nanomaterials,  
Nanobiotechnology and Nanomedicine,  
Nanoelectronics,  
Nanofabrication and Nanocharacterization

Organized by:  
**UT5**  
5 Top Iranian Universities of Technology

Prof. M. H Enayati	Dr. M. Karevan

## Civil Engineering Department of IUT:



A Webinar on “Precast Concrete Tunnel Lining Segments Reinforced with Glass Fiber-reinforced polymer Bars” was held by the Department of Civil Engineering of IUT, on March 6, 2021.

**Mr. Seyed Mohammad Hosseini** from the Department of Civil Engineering of the University of Sherbrooke, Quebec, **Canada** was the speaker of this webinar. He is a PhD candidate in the Department of Civil Engineering at this university. He received his BSc and MSc from the Department of Civil Engineering of IUT. **Prof. Dr. Milad Aminzadeh**, a faculty member of the IUT Civil Engineering Department was the host and organizer of this event.

Dr. M. Aminzadeh	Mr. S.M Hosseini

## Chemistry Department of IUT:



The **University of Arkansas, US**, organized a webinar on “**The role of Metal-Organic Frameworks in the Fabrication of Sensors & Biosensors**”

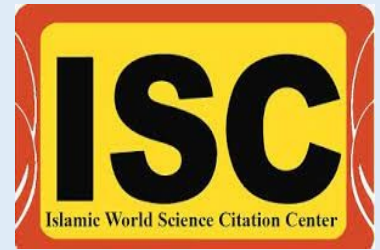
**Prof. Ali A. Ensafi**, a faculty member of the Chemistry Department of IUT, was the keynote speaker of this webinar. He has an H-index of 65 (Google scholar) and has published more than 485 ISI papers and also presented in 150 international and national conferences. He has received three international awards. Prof. Ensafi is among the top 1% of Scientists in Chemistry in Thomson Reuters, Essential Science Indicators, and in Sciences (Organization of the Islamic Countries).

Prof. Ali A. Ensafi

## IUT Awards and Honors

### Isfahan University of Technology among the Top Five Technological Universities in Iran – ISC World University Rankings 2020.

In the ISC World University Rankings 2020, Isfahan University of Technology is among the top five technological universities in Iran. In this ranking, Amirkabir University of Technology, KN University of Technology, Sharif University of Technology, and Iran Science and Technology University are also in the same ranking as is IUT.



103 universities were reviewed and evaluated in this ranking from which 72 were comprehensive universities, 23 technological universities, 4 universities of arts, and 4 universities of agricultural sciences. The universities were categorized according to the mission of each. The difference between this categorization and the ones conducted in previous years is that universities of agricultural sciences are considered independent. Read More...

### The Best Dissertation in Manufacturing & Production Engineering in Iran :



The Best Dissertation in Manufacturing & Production Engineering in Iran was Selected:  
"The Honor was Conferred upon a Graduate of IUT"

**Mr. Mohammad Ahmadi**, M.Sc. in Mechanical Engineering -Manufacturing & Production from IUT presented a dissertation entitled "Designing and Manufacturing an Ultrasonic Machining with Analyzing the Parameters Affecting the Machine" with the supervisions of "**Prof. Dr. Alireza Fadaei Tehrani**" and "**Prof. Dr. Aminollah Mohammadi**" was selected for this section of the International Conference on Manufacturing & Production Engineering in Iran.



Mr. M. Ahmadi

Ultrasonic Machining (USM), which is designed and manufactured exclusively at IUT, is used for machining (drilling, ...) parts with a hardness of more than HRC 40.

The 17<sup>th</sup> National Conference and the 6<sup>th</sup> International Conference on Manufacturing and Production Engineering of Iran was held virtually in early March 2020, hosted by the Iran University of Science and Technology. Read More...

### Three Top Places Achieved by the IUT Students in the 13<sup>th</sup> International Festival of Movement

#### Three Top Places Achieved by the IUT Students Scientific Associations in the 13th International Festival of Movement

The Textile Scientific Association of IUT won first place in the entrepreneurship section among 96 works. This association won first place in entrepreneurial activities by presenting a plan for producing anti-corona hospital gowns. In the section for creative activities, 215 works were sent to the festival, and the online observation collection of the Astronomical Society of IUT obtained second place in the creative activities section.

Also, Civil Engineering Association from IUT obtained third place among the 83 works of the special section by presenting a series of seminars on environmental engineering and water resources management. Read More...



Mr. M. Mosallanejad

**Mr. Mohammad Hossein Mosallanejad** is a PhD student of Materials Engineering at Isfahan University of Technology (IUT) who was able to complete a period of approximately 6 months at the Polytechnic University of Turin, **Italy** through the Erasmus Scholarship. He received his bachelor's degree from Bahonar University of Kerman, and for his master's & PhD degrees he has been at IUT. His supervisor at IUT is **Prof. Dr. Behzad Niroumand**, and he has been conducting scientific activities at the Polytechnic University of Turin under the supervision of **Prof Dr. Sabouri**.

Mr. Mosallanejad, who is in the final stages of his doctoral program, stated that he now spends most of his time doing his doctoral dissertation on “the development of titanium-based alloys by Additive Manufacturing”.

In addition, he teaches at the university and also tries to actively participate in scientific and industrial projects.

For him, IUT is a dynamic platform to respond to his scientific adventures and he believes that competent professors and suitable environmental conditions of the university are the main reasons behind his success. In an interview with the International Scientific Cooperation Center, he stated that: “One of the positive points that can be seen in the Department of Materials Engineering at IUT is the presence of professors with various specialties and fields of work that offer a wide range of field choices to students which I did not see at the Polytechnic University of Turin. In general, IUT has been a great help in my doctoral program.”

Also, in response to the question of whether the university can help the growth and flourishing of talents or can be an obstacle to progress, he said: “Regarding scientific talents, it should be said that people who enter the university are often divided into 2 types: some of them like mere scientific and laboratory activities, while others like to start working at the earliest possible opportunity and/or turn their knowledge into technology with a business perspective. It should be said that, in general, a university is the most important and main place for the growth and flourishing of scientific talents for both categories, provided that the conditions are provided for practical academic and laboratory activities (which are always the main pillars of scientific progress) so that one can reach a knowledge-based economy. In his opinion, the ideal method includes studying the principles of research, having the opportunity of trial and error, and solving problems. These skills are the most effective tools in a workplace. Although IUT has had good outcomes in this regard, it is necessary to think of practical solutions to solve the university-industry dilemma”. For him, attending Polito University in Italy was a successful experience and he credited this experience to the efforts of the International Scientific Cooperation Center and his distinguished professor. He thanked them for providing this scientific research opportunity that accelerated his scientific progress.

### Collaboration with Non-Resident Iranians

#### Establishment of a specialty collaboration base with Non-Resident Iranian scientists and specialists in Isfahan University of Technology

In collaboration with Iran's National Elites Foundation and Vice-Presidency for Science and Technology, Isfahan University of Technology has established a specialty base to collaborate with non-resident Iranian scientists and researchers.

The main goals of this plan are to transfer knowledge, gain experience, and exchange technical ideas through supporting scientific and research programs including postdoctoral opportunities, sabbaticals, short-term and long-term technical projects, and conducting lectures and professional workshops to improve effective communication between non-resident Iranian scientists and specialists.

There are more than 120 host institutes for collaboration and over 6500 successful partnerships have been launched since 2016.

The different defined instruments in this matter are mostly as follows:

- Collaboration in the fields of Education and /or Research
- Establishment of a start-up company
- Employment in knowledge-based companies
- Holding lectures and specialized workshops

Following its previous policies about extending scientific and research collaboration with all non-resident scientists, Isfahan University of Technology warmly welcomes all the scientists and experts who live abroad to participate in this plan.

Applicants may visit <http://international.bmn.ir> and go to the cooperation system and select Isfahan University of Technology in the section of choosing the center for collaboration.

If you need more information, you can contact National Elite Foundation through their website, or you may send an email to [international@iut.ac.ir](mailto:international@iut.ac.ir)





### Chinese Government Scholarship - the Academic Year 2021-2022 (Master's and PhD courses)

The Chinese Embassy has announced the 38<sup>th</sup> The Curriculum of the Ministry of Commerce (MOFCOM) proposed in 2020, which includes 37 university programs and one program of the China Scholarship Council (CSC).

**Deadline for sending documents:** before May 27, 2021

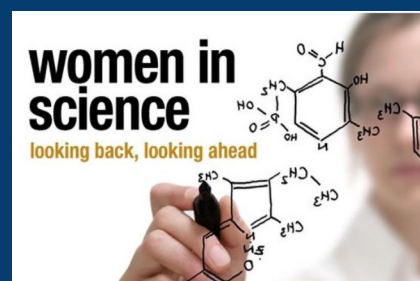
For further information please visit the following link:

<https://international.iut.ac.ir/en/node/1020>



### International Awards in Life and Environmental Sciences - 2022 Call for nomination

The L'Oréal-UNESCO For Women in Science International Awards recognize and support eminent women in science throughout the world. Each year, five Laureates are recognized for their contributions to the advancement of science, in Life and Environmental Sciences or Physical Sciences, Mathematics, and Computer Science in alternating years.



The 2022 edition of the Awards will designate five outstanding scientific researchers in the field of Life and Environmental Sciences, working in the following regions: - Africa & the Arab States - Asia and the Pacific - Europe - Latin America and the Caribbean - North America. One candidate will be selected for each of the five regions, the determining factor being the place of work for at least 5 years, not the nationality of the candidate. Each of the five Laureates will receive an Award of €100,000.

Start of the call for application/nomination: April 5, 2021

Read More...

### Call for the MATSUMAE International Foundation Research Fellowship Program 2022



Upon the concept of the founder of the **Matsumae International Foundation (MIF)**, **“Towards a Greater Understanding of Japan and a Lasting World Peace”**, MIF has started the Research Fellowship Program in 1980. Recently as well, the **“2022 Research Fellowship Program”** has been officially released. The application period will be from April 1, 2021, to June 30, 2021 (Japan Standard Time). Read More...



The Matsumae  
International Foundation





**The Islamic Development Bank (ISDB)** is a multilateral development bank (MDB), working to improve the lives of those they serve by promoting social and economic development in Member countries and Muslim communities worldwide, delivering impact at scale.

The present membership of the Bank consists of 57 countries. The basic condition for membership is that the prospective member country should be a member of the Organization of the Islamic Cooperation (OIC). The ISDB Board of Governors has the authority to set the terms and conditions on the subscription and payment to the capital of the Bank.

### **Mission:**

ISDB believes all people have the right to live in dignity and prosperity, and that nurturing economic growth is the best route out of poverty.

It equips people to drive their own economic and social progress at scale, putting the infrastructure in place to enable them to fulfill their potential.

It builds collaborative partnerships between communities and nations, across the public and private sectors.

It fosters innovative and sustainable solutions to the world's greatest development challenges, as it works towards the UN Sustainable Development Goals.

### **ISDB Scholarships:**

The Bank funds and implements its scholarship programs as part of its overall efforts to develop the human resources of its member countries and those of the Muslim communities in non-member countries.

There are six scholarship programs offered by ISDB:

- 1- Undergraduate,
- 2- Masters,
- 3- PhD and Post-Doctoral Research Program,
- 4- ISDB-ISFD for Technical Vocational Education & Training (TVET) for 21 Least Developed Member Countries (LDMCs): Afghanistan, Bangladesh, Benin, Burkina Faso, Chad, Comoros, Djibouti, The Gambia, Guinea, Guinea-Bissau, Mali, Mauritania, Mozambique, Niger, Senegal, Sierra Leone, Somali, Sudan, Togo, Uganda, and Yemen,
- 5- ISDB-ISFD Bachelor studies for 21 LDMCs,
- 6- ISDB-The World Academy of Science (TWAS) Joint Program for Capacity Building and Technology Transfer.

<https://www.isdb.org>

In order to expand the university's international Scientific interactions with overseas academic institutions, the IUT International is publishing this electronic Newsletter on international relations and in line with the IUT mission towards a Green University.

You are invited to register your email here to receive the new issue of the Newsletter upon its publication. You can also correspond with the editorial board from here to convey your valuable comments and suggestions to send materials related to IUT to be published in future issues of the Newsletter.

To see the previous issues and more information on the newsletter, please click here.

In addition to being distributed via social networks, this Newsletter will also be available through the following QR code. Your constructive participation in this path will guide us toward our goals.



## **Volume 2, Issue No. 6**

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Your constructive and valuable comments and suggestions are most welcomed.

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