

In the Name of God



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IUT INTERNATIONAL NEWSLETTER

A window to international activities of IUT

In order to expand the university's international scientific interactions with overseas academic institutions, the IUT International is planning to publish an electronic Newsletter on international relations, in line with the IUT mission towards Green University.

The purpose of the publication is to inform esteemed professors, dear students and staff of the university about international events, educational and research opportunities available in international academic spaces that reach the office through various means, visits' news and conferences as well as regulations and bylaw instructions related to international affairs, which can affect the international scientific interactions of outstanding academics.

Your constructive participation in this path will guide us toward our goal.

IUT International NEWSLETTER is a periodic electronic newsletter to be distributed among the IUT faculty, students and staff.

Third issue- December 2019

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Dear Colleagues and Students,

On behalf of all the staff of IUT International Scientific Cooperation Center, I would like to wish you a very happy 2020.

May this new year, under the sign of cooperation and solidarity, be full of peace, health, prosperity, and friendship for you and your beloved ones, and may happiness and success be yours throughout the year.

As we look back on another busy and successful year and begin 2020, I would like to thank our students, staff, faculty, alumni and partners for the dedicated work and all the ways you are helping to raise IUT to new heights every day.

I do believe International Cooperation in Research is now more important than ever; in the era of globalization, research priorities highly demand a global and interdisciplinary approach rather than national and specific considerations.

Firstly, the new strategic approach for international cooperation on Developing Research & Innovation requires an appropriate supporting framework for the young professors/ researchers that IUT International gladly keeps pursuing to provide such a supporting framework in 2020.

Secondly, we need to identify and use the trends and emerging areas that are interesting for international collaboration, for connecting the scholars worldwide.

Sima Fakheran
Director of IUT International



IUT International 2020 Resolutions:

- ***Building International Ecosystem at IUT Campus,***
- ***Facilitating the Administrative procedures,***
- ***Organizing Mentoring Programs for Young Talents by Reliance on the Experienced Professors.***



On this New Year, IUT International Team wishes that you have a superb January, a dazzling February, a Peaceful March (Norooz), an anxiety free April, a sensational May, and Joy that keeps going from June to November, and then round off with an upbeat December 2020.





**Dr. Hamid Shojaei, IUT BSc alumnus ,
MSc degree from Tehran Univ.,
PhD award from Univ. of Wisconsin USA
Technical Manager of Machin Learning in
Google Co. in Silicon Valley– USA**



An Interview with Dr. Hamid Shojaei – An Alumnus of IUT

What effects does IUT have had on your job and education life?

Since bachelor's and master's degrees are important criteria that the universities in the US take into account, and IUT is one of the most reputed and creditable universities in Iran and abroad, it is quite clear that this university has been a great help. And also, according to the worldwide rankings, IUT has always been among the top universities of Iran.

What are some strategies to strengthen the relationship between universities and industry?

One of the best things to do is proposing research projects by university professors that are to be financed by companies. Another policy is carrying out industrial internships by students which are usually held in summers – a good free time for student to pass internships in companies along with receiving experience and financial help.

Do you have any idea about what executive strategies of strengthening the university's international relations are?

There are different ways like offering joint projects between two universities, spending sabbatical leaves abroad by the faculty members and doctoral students, conducting joint papers and scientific subjects, obtaining a joint degree from two universities, and choosing associate supervisors for these to reinforce the universities' international affairs.

What is your advise for the other IUT alumni?

Right planning, high self-confidence, perseverance and a sense of invincibility together with a valuable degree from IUT can be the inception of incredible victories.

A Network Made by 5 Technological Universities in Iran– UT5

Five technological universities in Iran, including IUT, have formed a collaboration network, among which IUT is one of the collaborators. Having the purpose of internationalizing the Universities in focus, this network has aims at other factors such as increasing the integration and collaboration of these universities in developing educational and research programs as well as strengthening the scientific diplomacy and macro programs of the MSRT in the organization plan in higher education. These universities include: Isfahan University of Technology, Sharif University of Technology, Amirkabir University of Technology, Iran University of Science and Technology, and K. N. Toosi University of Technology.

For further information please visit: <https://iscoweb.iut.ac.ir/en/node/598>



A visit from University of Algarve– Portugal



Professor **Adelino Canario** is the Director of Center for Marine Science (CCMAR) at the University of Algarve in Portugal. He is a prestigious specialist in the field of molecular physiology, RNA-Seq, the process of fish sexual differentiation and determination and also reproductive behaviorology.

He had a lecture on "Aggression and Reproductive Pheromones in Tilapia" in the Faculty of Natural Resources on December 2, 2019. This lecture aimed at presenting modern information on reproduction behaviorology of Cichlids fish as one of the main farmed and ornamental fish. During this visit Prof. Canario and his host, Prof. Dorafshan, had a meeting with IUT International Director to discuss about the possibilities of further collaboration in the fields of mutual interest between IUT and the University of Algarve.

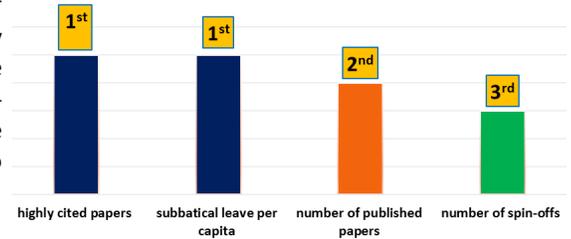
IUT Awards and Honors:

IUT at the apex of Iranian Universities in two Indices in the Plan of Developing into International Level



According to the educational deputy of the Minister of the Science, Research and Technology (MSRT), and based on the plan of developing the top universities and top research centers into international level which has been executed in the last two years. IUT is among the six top Iranian Universities which are developing into International level.

It should also be noted that this development plan to international level has been added to the agenda of the educational deputyship of MSRT as a ten-year plan since April 2017 within a communique by the first vice president of the country.



IUT Civil Eng. Faculty's Students have Achieved the First Place in the Competitions of the ACI International Scientific Association

Simultaneous with the 22nd conference on concrete and earthquake, the IUT Concrete Group achieved the first place of "the 22nd competitions of American Concrete Institute (ACI) - Iranian Branch".

The concrete team of IUT Civil Engineering Faculty competed with 24 teams. The team members were: Amirhossein Fallah Nasab, Kiavash Fallah Mahrjerdi, Amirhossein Gheshlaghi, Mehdi yazdani, and Adib Taheri with supervision of Prof. Dr. Mohammadreza Eftekhar and Prof. Dr. Eftekhar.



Call for Bridging Grant 2019– Iran and Switzerland Research Collaboration

In order to develop and continue scientific and research collaborations with Switzerland and as a new method to support joint projects, the Swiss Desk together with the ZHAW - the Swiss Leading House of South Asia and Iran, has proposed a call of supporting joint projects between Iran and Switzerland in form of a program called Bridging Grants for 2019.

Bridging grants offer the possibility to continue joint research in order to prepare a grant application for a full joint research project e.g. through the Swiss National Science Foundation (SNSF), EU funding or any other national or regional funding body.

Bridging grants may also enable the intensification of joint teaching or curriculum development.

The call is open for activities in all scientific disciplines and fields of research. For further information please visit: <https://iscoweb.iut.ac.ir/en/node/599>

Becoming IAESTE – Iran National Committee Member

Isfahan University of Technology became a member of the Iran National Committee of International Association for the Exchange of Students for Technical Experience (IAESTE– Iran). IAESTE is an international organization that operates exchange programs of students between the member countries to pass internship courses abroad. IAESTE is currently a worldwide organization with 86 members in 84 countries. The association operates an exchange program for the benefit of students, academic institutions, industrial and other organizations offering internship. IAESTE - Iran, which is a branch of IAESTE at the University of Tehran in Iran, was first established in 1965 by MSRT.



The Faculty of Civil Engineering's movement towards Internationalization Strategies

The Faculty of Civil Engineering at IUT has made a lot of efforts to develop and update the English website of this faculty. Information and data on course credits & description, publications and international cooperation are among many other fruitful materials that could be seen and used by both national and international students. This assiduous practice is carried out by a team from this faculty including Dr. Noormohammadi, Dr. Aminzadeh, Ms. Foroughi and Ms. Mahmoudi. IUT international appreciates this team's efforts in such a remarkable development.

Holding Seminars:

During December 2019, IUT was honored to be the host of some seminars, presented by International scientists and researchers from abroad.



Department of Electrical and Computer Engineering was host for a Scientific lecture on the subject of " **Large-Scale Multi- frequency Capacitive Micro Machined Ultrasonic transducer (CMUT) Arrays for ultrasound Medical imaging and Therapeutic Applications** " by Dr. Mohammad Maadi, university of Alberta, Canada on December 11th,2019.



Department of Materials Engineering of IUT held a Scientific Seminar on the subject of "**Metal Matrix Syntactic Foams** " by **Nima Movahedi**, Ph.D Reasercher, Faculty of Engineering and Built Environment from the University of Newcastle, Australia, on December 23 ,2019.



Department of Mechanical Engineering was the host for a Scientific Seminar on the subject of " **Mechanism-Based Ductile Failure Theories under Arbitrary Stress States and Microstructures : from Triaxial Loading to pure shearing** " by **Dr. Mohammad Ebrahim Tor-ki** , postdoctoral research associate, from Department of Engineering of Cambridge on December 24,2019.



Department of Mathematical Sciences of IUT held a specialized Seminar on the subject of "**on the stability of weakly hyperbolic invariant sets** " by **Nikita Begun**, postdoctoral Researcher in Tarbiat Modares University , on December 30 ,2019.



The Alumni Association of Isfahan University of Technology

During more than 40 years of its activity, Isfahan University of Technology has succeeded to achieve a high rank not only among the Iranian Universities, but also among international universities. One of the strong points of this university has always been its sedulous students who have been successful in achieving excellent positions in scientific, industrial, commercial and political areas.



The Alumni Association of Isfahan University of Technology has been established with the aim of creating constant and close synergistic relations between the alumni and the University. However, since this association is an NGO, its growth and dynamism depends on more participation of the IUT alumni. Accordingly, five gatherings have been held by a large number of the IUT alumni. We are looking forward to see more alumni to better and achieve the association's goals.

Email: info@alumni.iut.ac.ir

Isfahan University of Technology Foundation

As a non-governmental and charity organization, Isfahan University of Technology Foundation was established in 2016 by attempts of some academics and benevolent people to move on in developing the university by supporting and attracting financial and spiritual helps. The knowledge-raising people of Iran have always been the main pillar in developments of this country throughout history.



Existence of elite and energetic students, intelligent professors, and a well-organized structure have turned Isfahan University of Technology into not only a top university in Iran but also an outstanding institute in the Middle East, and the requirement in exploiting this colossal human resource to make the country grow and also to meet its requirements, have made us to amplify our efforts in the Foundation.

By educating specialty and ethics-oriented human resources, universities can play a critical role in scientific development and prosperity of the country.

In many countries, financing these centers and universities is beyond the power of governments; accordingly, there are some benevolent and generous people, alumni, companies and organizations that are aware of the importance of such matter and help to finance the universities.



We would like to invite those who love knowledge and development of this country's children, entrepreneurs, elites and researchers to contact and help us in regard to these godly affairs.

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IUT Vice-Presidency for Research and Technology announces:



Call for Presenting Workshops and Lectures
by the International Professors and Illuminati Scholars

Isfahan University of Technology
invites the Elite Professors, the Illuminati residing abroad and the PhD graduates of the highly reputable universities and research institutes to present workshops, lectures or holding courses at this university. In case of acceptance of collaboration, all facilities including flight tickets and residence in hotel will be paid by IUT. Besides, a tour of Isfahan city a very beautiful ancient and monumental city, will be organized during their stay.

For receiving more information, sending your resume, or offering collaboration, you can contact us at: international@iut.ac.ir

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Call for Post-Doc
Admission of the PhD Graduates from Highly Reputable International Universities and Research Institutes

Isfahan University of Technology (IUT)
is ready to admit the PhD graduates of the reputable universities and research institutes worldwide as Post-Doc positions. This program is aimed at using the scientific knowledge and capacity of the Iranian PhD graduates of the reputable international universities as well as promoting the scientific level of education and research in Iran. The infrastructures required for admission of these graduates have been provided with a salary equal to an assistant professor of the university as well as an initial research grant.

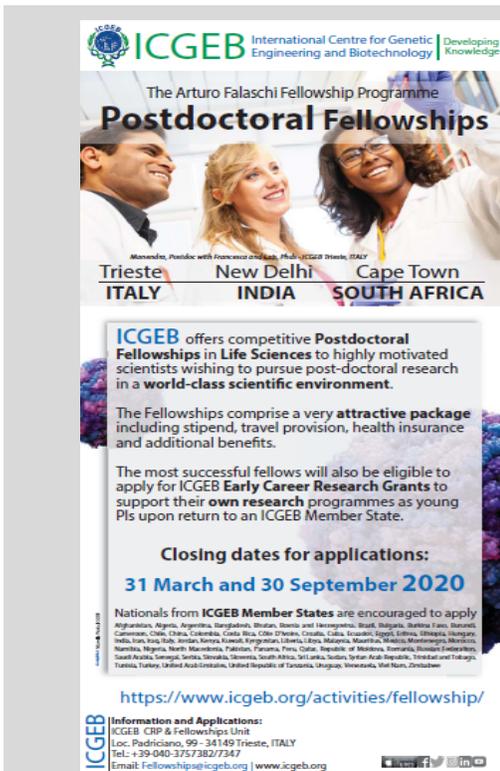
For receiving more information, sending your resume, or offering collaboration, you can contact us at: international@iut.ac.ir

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International Center for Genetic Engineering and Biotechnology- ICGB:



ICGB International Centre for Genetic Engineering and Biotechnology | Developing Knowledge

The Arturo Falaschi Fellowship Programme
Postdoctoral Fellowships

Messandro, Ph.D. with Francesco and Ash, Ph.D. ICGBE Trieste, ITALY

Trieste ITALY **New Delhi INDIA** **Cape Town SOUTH AFRICA**

ICGB offers competitive **Postdoctoral Fellowships in Life Sciences** to highly motivated scientists wishing to pursue post-doctoral research in a **world-class scientific environment**.

The Fellowships comprise a very **attractive package** including stipend, travel provision, health insurance and additional benefits.

The most successful fellows will also be eligible to apply for **ICGB Early Career Research Grants** to support their **own research** programmes as young PIs upon return to an ICGBE Member State.

Closing dates for applications:
31 March and 30 September 2020

Nationals from **ICGBE Member States** are encouraged to apply
Argentina, Algeria, Argentina, Bangladesh, Brazil, Canada and Hongkong, Czech Republic, Estonia, Finland, France, Germany, Ghana, Greece, Guatemala, Haiti, India, Indonesia, Italy, Japan, Jordan, Kenya, Korea, Kuwait, Luxembourg, Mexico, Morocco, Myanmar, Nepal, Nigeria, North Macedonia, Pakistan, Panama, Peru, Qatar, Republic of Moldova, Romania, Rwanda, Saudi Arabia, Serbia, South Africa, South Korea, Sri Lanka, Sudan, Syrian Arab Republic, Thailand and Taiwan, Tunisia, Turkey, United Arab Emirates, United Kingdom, Uruguay, Venezuela, Viet Nam, Zimbabwe

<https://www.icgeb.org/activities/fellowship/>

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2020



ICGB International Centre for Genetic Engineering and Biotechnology | Developing Knowledge

The Arturo Falaschi Fellowship Programme
PhD Fellowships

Arshadul Haque, Ph.D. Student, ICGBE Trieste, ITALY

Trieste ITALY **New Delhi INDIA** **Cape Town SOUTH AFRICA**

ICGB offers competitive **PhD Fellowships in Life Sciences** to highly motivated scientists wishing to pursue PhD research studies in a **world-class scientific environment**.

Fellowships include:

- Participation in a top-class research programme
- Access to state-of-the-art-facilities
- Participation in ICGBE Meetings, Seminars and Journal Clubs
- A competitive stipend, travel provision plus full coverage of tuition fees and health insurance

Closing date for application:
31 March 2020

<https://www.icgeb.org/activities/fellowship/>



A *New Year's resolution* is a promise a person makes for the *new year*. Regardless of what *resolution* you commit to, the goal is to improve life in the coming year. **New Year resolutions are important** and here are some of the reasons why they are **important**: They help us to reflect on our actions during the previous **year**. They help know that we need a change in certain areas of our lives. **New Year resolutions** help us to challenge ourselves in the upcoming **year**. So, make your 2020 resolutions and change the way you change.



15 Qualities of A Great Team Member

When you are part of a great team, going to work in the morning feels joyous and exciting. There is a special feeling when your teammates are working towards the same goal as you – you're able to share in the camaraderie of the journey, as well as the achievements.



Through synergy, a good team is able to create an end result far outweighing what each individual could produce themselves. However, in order to create a good team, it's essential that you pick the right members. Some skillsets and personalities types naturally gel well with one another, whereas other combinations will create a truly catastrophic atmosphere in any workplace. Unfortunately, no amount of technical proficiency can make up for a failed team dynamic!

While you'll want to screen for specific traits based on your industry and company culture, if you can find a team member who has a handful (or preferably all) of the following traits, never let them go!

1. Self-Aware: In order to be a great team player, it's crucial to have an unbiased awareness of what you're good at and what you suck at. As a legendary entrepreneur and YouTube star, Gary Vaynerchuk, says: "Self-awareness is being able to accept your weaknesses while focusing all of your attention on your strengths." **To be continued....**

2. Committed to Mastery 3. Intrinsically Motivated 4. Reliable 5. Honest 6. Positive 7. Empathic 8. Good Communicator 9. Confident 10. Able to Multitask 11. Detailed Oriented 12. Autonomous 13. Adoptable, 14. Understands the Industry 15. Persistent

<https://biz30.timedoctor.com/team-member-qualities/>

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IUT International Newsletter is a periodic E-newsletter to be distribute among IUT students and staff.

Your constructive comments and suggestions are most welcomed.

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