



### An Introduction to IUT Global Engagement Projects

In this issue, IUT International is honored to have an interview with **Prof. Dr. Mohammad Javad Omidi**, the Acting President of IUT for International Affairs and Development of Technology Infrastructures, regarding the IUT's immediate plans for international relations development at Isfahan University of Technology. Here we follow it together:

#### 1-What are the IUT immediate plans for developing the University's international relations?

In order to maintain the current international relations of IUT and, indeed, to establish new courses to develop more inter-country scientific collaborations, an initiative in the name of "Global Engagement Project (GEP)" was instituted. Five sub-projects were introduced, each of which addresses and provides solutions for various challenges the university has faced in internationalization. These sub-projects cover 5 fields of "Public Relations", "Education", "Ranking", "Technology Transfer", and "Grants."

The "Public Relations" sub-project focuses on improving the university's presence in English and Arabic digital media by creating new and rich content to enhance IUT's position in website rankings and linking with interested people around the world. Moreover, this sub-project aims to bolster the IUT's social media activities and branding in both English and Arabic Languages.

"Education" directs all the strategies to attract more international students and develop new joint academic programs with other universities abroad. The sub-project of "Ranking" is devoted to efforts toward the enhancement of internal policymaking and policy implementation processes to augment IUT's position in both national and international ranking systems. The other two, "Tech Transfer" and "Grants", demonstrate various new approaches for facilitating the international presence of IUT's students and faculty members by virtue of receiving more scientific and research grants and engagement in global technology transfer streams. (To be continued in page 2)



**Dr. Mohammad Javad Omidi**  
IUT Acting president for International Affairs and Development of Technology Infrastructures



## IUT Global Engagement Projects

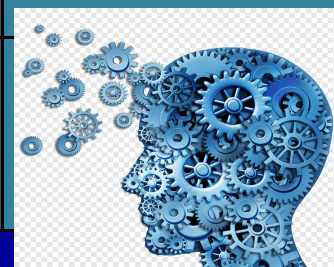
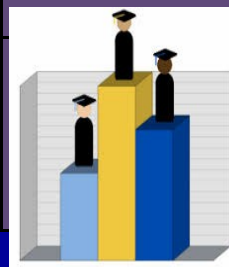
1-public Relations

2- Education

3- Ranking

4-Technology Transfer

5- Grants



## ...IUT Global Engagement Projects

### 2-What are your strategies to execute your plans?

Here, we seek to outsource the projects when it is possible; all the projects are planned to be managed internally by the help and consultancy of the IUT's staff and student body, faculty members, and alumni. We have already set up a team on each project to perform various tasks directed towards the implementation of the GEP. All the sub-projects are currently being pursued in coordination with IUT's International Scientific Cooperation Center to make a harmony between the planings and daily administrative tasks. Our strategy is to systematically address challenges, provide solutions, and legislate and implement policies. We have exploited a multitude of models including, but not limited to, Schein Model to define the systematic strategy.

Qualitative and quantitative short-term and long-term goals and horizons were determined, and requests for proposal (RFP) have been compiled and sent for the first three sub-projects. Negotiation with intra-university teams has been being conducted as we speak to execute the first three. The other two are still under evaluation, as they are more complex and significant.

### 3-Would you mind having more elaboration on the connection (s) of your plans with the Comprehensive Strategic Development Plan of the University?

The GEP was founded upon the IUT's Comprehensive Strategic Development Plan. The edicts and enactments in internationalization were taken into full consideration. Furthermore, various intra-university and national development plans and documents were obtained from other universities' and MSRT's archives and meticulously studied and evaluated beforehand. In addition to assessing the universities' and high-level national documents, different notable foreign universities were studied as well in order to derive and learn from their international policymaking development plans.

### 4-How can other vice-presidencies participate and help in pursuing your plans and attaining your goals?

Due to its significance to the university and its inter-organizational nature, GEP requires the engagement and cooperation of all the vice-presidencies. Thus, it was devised based on the professional expertise of their offices. At this stage, we are going to consult with the staff of each vice-presidency about their related fields of practice in GEP in order to adequately address the challenges. Further, in the future, the progress of each sub-project requires the participation of and cooperation between all the vice-presidencies. For instance, the "Education" sub-project is in the jurisdiction of the vice-presidencies of Educational Affairs, Student Affairs, and Cultural Affairs. Therefore, its RFP was compiled with close coordination of their offices. We hope to see good cooperation between different IUT departments as we are all trying our best towards the same goal.

Thanks for your time and we wish you great success in these missions.

## Opportunities: Mathematical Summer in Paris

The « Mathematical Summer in Paris » summer school (From July 19th to August 1st 2020) will bring together around fifty young people who are passionate about mathematics and allows them to discover some of its many facets. Lectures by famous mathematicians will cover a wide range of topics. There will also be problem solving activities, mathematical games and cultural visits to discover Paris and its areas both from touristic and scientific perspectives. If you are between 16 and 20 years of age, or between two years before and two years after your high school degree, and if you love mathematics, then this school is for you!

### Practical information:

- **Applications will be open until April 1st 2020, at 11:59pm (Paris time).**
- Applicants will need to upload three documents (in pdf format only): one motivation letter explaining why they wish to attend the school and what they expect from it, and describe their favorite mathematical result; one CV; and one or two recommendation letters from educators. (The recommendation letters can be uploaded by the educators separately.)
- There is a registration fee of 600 Euros, covering accommodation and meals for the duration of the summer school.
- Applicants can apply for financial support to cover registration fee and part of the travel costs.
- The application results will be available by April 30th, 2020.
- All courses and activities will be in English.

<https://iscoweb.iut.ac.ir/en/node/645>



The poster features a green background with a white silhouette of the Eiffel Tower. The text is in white and green. At the top, it says 'Mathematical Summer in Paris' in large white letters, followed by 'From July 19th to August 1st, 2020'. Below this, there is a small circular logo with a building. To the right, there is a small photograph of a building. Below the photograph, there is a green box with white text: 'Apply online at www.mathematicsummerinparis.fr'. At the bottom, there are logos for 'université PARIS-SACLAY', 'ENS', 'PSL', 'FMJH', and 'INSTITUT POLYTECHNIQUE DE PARIS'.

## World Forum for Women in Science – Brazil 2020

The 4<sup>th</sup> International Conference for Women in Science without Borders: Energy, Water, Health, Agriculture and Environment for Sustainable Development, was held in Brazil, from the 11-14<sup>th</sup> February 2020.

The Brazilian Academy of Sciences (ABC) and the Brazilian Center of Physics Research (CBPF) in Rio de Janeiro, hosted the Workshop for Young Researchers Training and the World Forum for Women in Science.

The event was divided into two parts: A Workshop about Skills for Communication and Leadership in a 5G World and the Conference for Women in Science without Borders in the fields of Energy, Water, Health, Agriculture and Environment for Sustainable Development

**Dr. Sima Fakheran**, the Director of IUT International, as the only Iranian woman was invited to participate in the workshop and deliver a speech as the key-note speaker at the conference.



A new initiative, network and movement for women in science without borders was founded by Amal Amin, associate professor at National Research Center, Egypt, to empower women in science, whether seniors or young with excellence and cooperation with their male colleagues inside scientific communities, to raise the value and impact of scientific research in favor of sustainable development goals. The initiative began in 2017 by holding its first meeting in Cairo, 21-23 March, under the auspices of the Ministry of Science and Technology and supervision of/organization by Egyptian Academy of Scientific Research (ASRT) and Egyptian Young Academy (EYAS).

World Forum for Women in Science– Brazil 2020 was a three-day event with oral presentations, round tables and poster sessions on topics related to the specific topics of the title. The main task of the event was to bring together female and male researchers in an environment of diversity to think about sustainable development.

World Forum for Women and Girls in Science is dedicated to young researchers seeking to develop skills in the areas of public speaking, writing projects and articles, and also learning how to participate and coordinate research and collaboration networks.



**Márcia Cristina Bernardes Barbosa** is a Brazilian physicist known for her research on the properties of water, and for her efforts on improving the conditions for women in academia. She is a professor at [UFRGS](#), and a director of the [Brazilian Academy of Sciences](#). **Marcia Barbosa is one of the seven scientists who shape the world according to UN Women!**

**She is recognized for uniting her area of activity with the challenge of allowing more women to be of the universe of the research and to be valued.**

**“It is important for women to make a network of researchers to support themselves. Woman collaborating with woman. The fact that I bring numbers and bring this militancy over 29 years ago is also a feature that I understand that the UN Women wanted to point out,”**



**“I want to be a good example for young girls as a woman in science. I want them to see that nothing should stop them from pursuing this wonderful career.”**



## IUT Events and Honors:

### Holding Seminars:

During February 2020, IUT was honored to be the host of some seminars, presented by International scientists and researchers from abroad.



The Faculty of Mathematics was the host for a workshop on the subject of "Holomorphic differential Equations" by **Dr. Jorge Mozo Fernandez**, university of Valladolid, Spain on February 9-13<sup>h</sup>, 2020.



The Faculty of Mechanical Engineering was the host for a scientific seminar on the subject of "4D Lagrangian Particle Tracking Velocimetry and AI-Data Assimilation" by **Dr. Kyung Chun Kim**, Pusan National University, South Korea on February 15<sup>th</sup>, 2020.

Before the seminar, the board of directors for the Faculty of Mechanical Engineering and some of the other academic members had a meeting with Prof. Kim and discussed future collaboration between IUT and Pusan National University for establishing joint academic programs, exchange of faculty and PhD students for their sabbatical leaves and much more joint activities.



### Welcome to the IUT New Adjunct Professor

In the year 2020, one senior professor named **Prof. Dr. Alireza Darvishy**, has joined IUT as an adjunct professor. He has been appointed to the faculty of Electrical and Computer Engineering. Dr. Darvishy is a professor at **Zurich University of Applied Sciences (ZHAW)**, where he serves as the head of the ICT Accessibility Lab. Prof. Darvishy holds a PhD in computer science from the University of Zurich. He has been committed to accessibility for over 20 years, and has initiated and carried out many research projects in the area of accessibility. He continues to serve as a leader in his field, and cooperates with different organizations such as UNESCO, WHO, ICCHP, G3ICT, and GAATES. He has also developed many accessibility projects in the private sector in Switzerland. Every Adjunct Professor collaborates with the IUT for a specified period of time in a specific area of research education and his name could be listed among the IUT faculty members as an Adjunct Professor. The cooperation between the adjunct professors and IUT is applicable during any period of the academic year or holiday.



### IUT proposals among selected joint projects of Gundishapur supported by Iran and France

In the latest announcement by the Center for International Studies and Cooperation on the selection of projects accepted in the Gundishapur joint Research Program, the three projects of the year were selected by **Dr. Naser Hamdami** and **Dr. Mohammad Reza Sabzalian** in the Faculty of Agriculture, Isfahan University of Technology. The Center for International Scientific Studies and Cooperation and the French Embassy's Cultural Section selected 15 projects for financial support after reviewing 41 projects submitted to the Center for 2020.

The Center for International Scientific Studies and Cooperation, in collaboration with the French Embassy's Cooperation and Cultural Activity in Iran (SCAC), is conducting the GundiShapur Joint Research Program. The program, launched in 2004, aims to promote and expand advanced scientific and technical research collaborations between researchers from both Iran and France. The program includes joint research projects by Iranian and French groups in all fields, especially humanities and social sciences (law, economics and management), medical sciences, basic sciences, environmental sciences and biology. IUT is one of the active participants in this program.



**Dr. Naser Hamdami, Dept. of Food Science and Technology**



**Dr. Mohammad Reza Sabzalian, Dept. of Agronomy**

As we said in the previous episode, a Sustainable University puts emphasis on management of sustainable executive activities in all aspects of education, research, and participation in that:

In education, the framework and contents of the curriculums should be designed in a way that change-maker students could be nurtured to be entered into society, not just making passive consumers. Also, the curriculums should be planned with an interdisciplinary approach containing economic, social, and environmental fields so that pragmatism could be promoted in regard to sustainable development.



In research, universities should find answers to the society challenges in regard to sustainable development. Nature-friendly methods are used in research procedures; for instance, in order to hold workshops related to a research plan, **video conference** is an appropriate option, or **environmental-friendly products** can be used at workshop receptions and refreshments. Research results in the field of sustainable development should be used for the society and to the benefit of the public, not just published in the journals that are studied by scholars.



In the procedural activities, the university buildings should be designed in a way that energy waste can be prevented. The sustainable development goals such as human, animals, and the environmental rights, should be observed in the way we purchase. Innovations shall occur in labs to reduce the environmental effects.



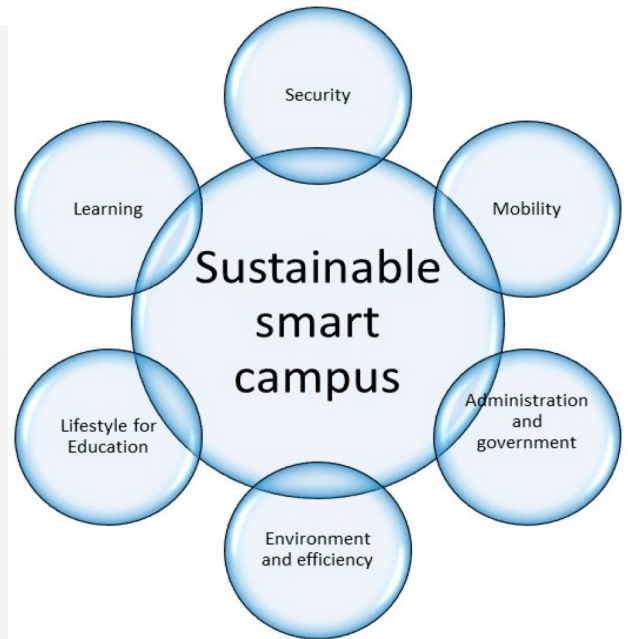
In regard to public participation, the students and academics should be empowered to take actions associated with sustainable developments. Student should observe environmental considerations in their activities and events. It should be possible for the students and academics to have extra-curricular programs and do volunteer jobs on sustainable development. Values of sustainable development should be observed at the Faculties and academics should be able to do activities in this regard alongside their jobs.



In the field of management, sustainable development should be an organizational priority. Doing small activities about sustainable development will change the university into a sustainable one, only if it is looked upon as a strategic priority and there is a scheduled program to reach it at a university. Also, in the university organizational structure, there should be a sector, with enough authority, specified to manage sustainable development activities.

**Isfahan University of Technology** has established the Strategic Council for the University's Green Management since 2017 which is managed by the University President. This council has made attempts to administer operational plans in regard to the University's Green Management. This council consists of three committees including: Water and Wastewater Committee, Energy and Environment Committee, and the Committee for Education and Cultural Affairs.

Organizational Chart of the Strategic Council for the IUT Green Management headed by Vice-President for Administrative & Financial Affairs and consists of decision making councils, one faculty members from each departments of Natural resources, Agriculture, Civil Engineering and Mechanical Engineering, a representative from NGOs related to green management and other related sectors.



IUT Among QS Top Universities Ranking 2020

Isfahan University of Technology has been ranked in **QS World University Rankings by Subject 2020**.



IUT has been ranked in **3 subjects** namely **Agriculture & Forestry, Engineering - Electrical & Electronic Engineering - Mechanical, Aeronautical & Manufacturing**. IUT International would like to congratulate all of the IUT faculty members, students, alumni for this achievement.

The *QS World University Rankings by Subject* annually reveals the best universities in the world for 48 different subjects across five specialist subject areas including Engineering and technology, natural resources, biological and medical sciences, social sciences, arts and humanities.

# World– Wide Closure of Schools for Coronavirus outbreaking

With the spread of the coronavirus worldwide, Iran has taken steps to prevent the spread of the disease by closing educational centers in the country.

In this regard, Isfahan University of Technology has organized virtual education classes for students.

The administrative departments of the university are working part-time with staff shifting. Therefore, the University Health Care Center has released various information campaigns to inform the public about this disease and to take practical measures to prevent it.

The center, in collaboration with the university's management, is responsible for overseeing the disinfection of the campus and administrative departments. The University has also provided office personnel with masks, gloves and disinfectants.

The University Health Care Center is ready to serve the campus residents 24 hours 7 days a week.

**3 GOOD HEALTH AND WELL-BEING**

**Working in wet markets? Stay healthy!**

- Wear protective gowns, gloves and facial protection while handling animals and animal products
- Remove protective clothing after work, wash daily and leave at the work site
- Avoid exposing family members to soiled work clothing and shoes

THE GLOBAL GOALS

**STAY HEALTHY WHILE TRAVELLING**

If you become sick while travelling, inform crew and seek medical care early

If you seek medical attention, share travel history with your health care provider

World Health Organization

**3 Simple Ways to Prevent Transmitting Virus to Others**

- Cover your mouth and nose using tissue whenever you cough or sneeze. Throw the tissue in the trash after using it. Wash your hands with soap and water or use hand sanitizer regularly.
- Use face mask whenever being in public or close contact with people.
- Always maintain good personal hygiene and cleanliness.

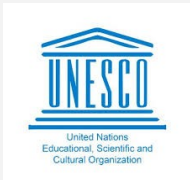
**I SURVIVED CORONAVIRUS 2020**

To Stay abreast of coronavirus, visit:

<https://www.who.int/emergencies/diseases/novel-coronavirus-2019>

#WHO #Coronavirus #Covid19

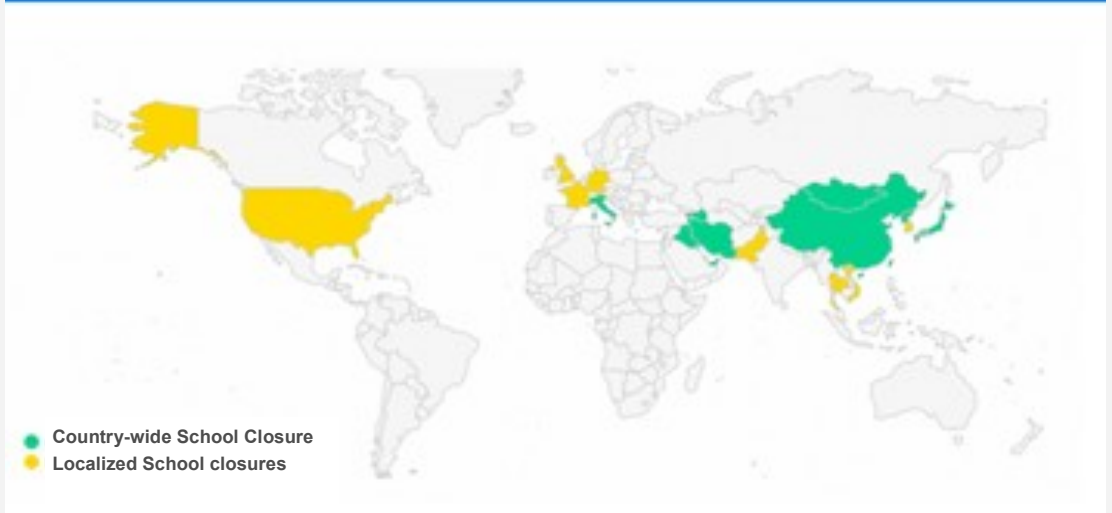
#iutfightcovid19



## 290 million students out of school due to COVID-19: UNESCO releases first global numbers and mobilizes response

“While temporary school closures as a result of health and other crises are not new, unfortunately, the global scale and speed of the current educational disruption is unparalleled and, if prolonged, could threaten the right to education”.

Audrey Azoulay  
UNESCO chief



School closures in thirteen countries to contain the spread of **COVID-19** are disrupting the education of 290.5 million students globally, a figure without precedent. UNESCO is providing immediate support to countries, including solutions for inclusive distance learning.

## IMPACT ON SOCIETY

### *A Philanthropic Visit to Sistan and Baluchestan's Flood-stricken Regions*

Prepared by: Dr. A. Fadaei Tehrani

To a suggestion given by the Isfahan University of Technology Foundation and with collaboration of IUT, Sistan and Baluchestan's Universities, and Chabahar Maritime & Marine University, a 14-member team containing the faculty members of the above universities paid a visit to the flood-stricken regions of Dashtiari & Owraiki in Chabahar, Zarabad in Konarak County, and damages were assessed while preventive policies and management in similar cases were offered. The IUT team members were: Dr. Jahangir Abedi Koupaei and Dr. Ali Yousefi (from the College of Agriculture), Dr. Abdorreza Kabiri Samani, Dr. Mohammad Hossein Golmohammadi, and Dr. Hajar Share Isfahani (from the Faculty of Civil Engineering), Dr. Mohammad Tammanai (from the Faculty of Transportation Engineering). This visit was aimed at carrying the academics' social responsibility in national challenges and crises as well as offering policies to overcome or prevent similar crises.

Four challenges were discussed by the team in the meeting at Chabahar local government: Appropriate model for optimum water supply and improvement of water security for drinking and hygienic purposes, Temporary control methods of flood in emergency cases, Appropriate bio-engineering methods to stabilize soil (reviving the soil resistance against soil fracture and erosion), Improvement of appropriate model and work in the region.



In order to act on the second SDG (Zero Hunger) and with a generous and benevolent action, in this visit IUT donated some goats to more than 60 impoverished families in the villages around Konarak and Dashtiari Counties in Sistan and Baluchestan Province to assuage their sorrows. They also distributed 500 hot meals in these villages. The smile on the face of these family members, especially the children, was unforgettable. Currently, the specialty teams are designing cost-effective water treatment systems with good quality to solve the primary challenge in the region.





## 15 Qualities of A Great Team Member

**4. Reliable:** While most employers prioritize personality traits over skills to a preposterous extent, reliability is something that every employer should screen for. Even if a person has a phenomenal skill set, if they're wishy washy and don't follow through on their promises, then they're not a good team player.



Reliability can be improved by implementing flexible working practices. Oftentimes, workers can be extremely reliable when they're allowed to work remotely on a schedule that aligns with their personality and biology, but can seriously underperform when they're hurled into an open-plan office with no privacy and abundant distractions.

**5. Honest:** A team member should be honest about their achievements as well as their shortcomings. Everyone makes mistakes from time to time, but when people try to shift the blame and weave false narratives, disasters can occur.

When rapport is based on authenticity rather than falsehood, this creates deeper relationships. When team members relate to one another better, they also produce greater results for the organization.

**6. Positive:** Being positive doesn't mean behaving like Barney the Dinosaur, singing gleeful songs to your colleagues and exchanging hugs every day. Positivity isn't about how smiley and talkative you are – it's a mindset. You can be positive in a low-key manner and still have a wonderful impact on your teammates.

Most people have felt their motivation decline when working for a boss who micromanages, uses hostile language and takes credit for the team's work.

**7. Empathic:** Have you ever heard the adage: "treat people how you want to be treated". Empathy is about being aware of how other people feel. If you're unable to put yourself in someone else's shoes and see things from their viewpoint, people are not going to enjoy working with you. Fortunately, empathy isn't a fixed attribute – it's something you can improve. Learning how to listen to your colleagues and assess their mood based on their sub-communications will make you a much better team player.

When you respect people's boundaries and embrace their individuality (even if you don't always agree with them), people will enjoy working with you.

**To be continued....**

**8. Good Communicator 9. Confident 10. Able to Multitask 11. Detailed Oriented 12. Autonomous 13. Adoptable, 14. Understand s 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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