



Welcome to New Academic Year 2022-2023

IUT International E-Newsletter

A Window to International Activities of IUT

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Message from the President of IUT for Starting the Academic Year 2022-2023



In the name of God

Dear students,

Greetings to the youth of the Islamic Republic of Iran. I feel it necessary to express my congratulations to each of you at the beginning of this academic year.

This auspicious event can be seen as a promise of a new season of dynamism and scientific prosperity in the country. A season in which, with the students' presence, a new spirit is breathed into the atmosphere of the university.

Today, universities are considered the driving force of the country's development and it is necessary to be proactive and active in training expert human resources, looking at the needs of the society and solving the country's problems in various fields of industry, agriculture, service, social sciences, and etc.

In this critical period, if we take universities as the initial point of production, knowledge, and job creation, Isfahan University of Technology needs talented and motivated students to improve its position in the production of science and to play an effective role in science and technology.

Distinguished professors of Isfahan University of Technology, with high academic level and educational quality, try to nurture students who, in addition to gaining knowledge, have the necessary skills to respond to the needs of their society in future.

I see it a good time to proceed the mission of the Islamic Republic of Iran with the talented youth of our dear country, and with the help of the Almighty God, we start the academic year 2022-2023.

I express my deepest congratulations for the beginning of the new academic year, and also wish you success and honor.

Seyed Alimohammad Mirmohammadi Meybodi
President of Isfahan University of Technology (IUT)

IUT Supports the Development of Mathematical Sciences as part of its Social Responsibility

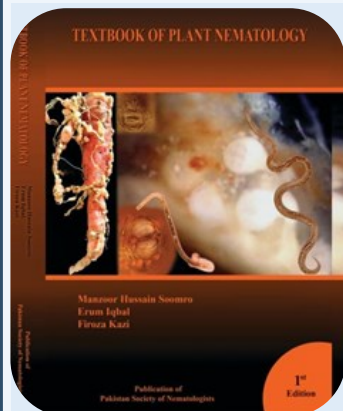


A cooperation MOU was signed between the International Relations Committee of the Union Iranian Associations for Mathematical Sciences and the Scientific Foundation of the Economic Cooperation Organization (ECO). This memorandum was signed on the occasion of the International Year of Basic Sciences for Sustainable Development during a ceremony with the presence of **Professor Manzoor Hossein Soomro** (the founder and senior advisor of Eco Scientific Foundation and former president of this organization) and **Dr. Mohsen Mohammadzadeh Doroudi**, the head of the Union of Iranian Associations for Mathematical Sciences. The event was held on September 2, 2022, in Maryam Mirzakhani Hall of Isfahan Mathematics House.

From Isfahan University of Technology, **Prof. Ali Rejali** (faculty member of the Department of Mathematics and founder of Isfahan Mathematics House), **Prof. Mohammad Javad Omid** (faculty member of the Department of Electrical and Computer Engineering and director of the Iris Regional Center), **Prof. Nasrollah Mahboubi Sofiani** (faculty member of the Department of Natural Resources), and **Prof. Peiman Mosaddegh** (academic faculty member of the Department of Mechanical Engineering & Director of the International Scientific Cooperation Center) attended this ceremony.

The purpose this meeting was to support Isfahan University of Technology as a member of the country's scientific community in order to promote basic mathematical sciences among the students of ECO countries. With the approach that mathematics is the basis of all engineering sciences, this university is taking steps to fulfill its social duty in expanding and supporting the mathematical sciences.

Donating the first Edition of "The Textbook of Plant Nematology" to IUT



On the sidelines of the ceremony on the occasion of the International Year of Basic Sciences for Sustainable Development the book "**The Textbook of Plant Nematology**" written by **Professor Manzoor Hussein Soomro** and two of his colleagues, published by the Pakistan Society of Nematologists (PSN) in March 2022, was gifted to Isfahan University of Technology. Prof. Manzoor Hussein Soomro, President of ECOSF together with his two co-authors; **Dr. Erum Iqbal** and **Dr. Firoza Kazi** of National Nematological Research Centre (NNRC), University of Karachi, Pakistan have written this book.

The book has been designed to cover the course outline of "Plant Nematology", approved by the Higher Education Commission (HEC) of Pakistan for B.Sc. and M.Sc. (Plant Nematology and Plant Pathology) degree programs.

This book is currently available in the IUT Library and can be used by those who are interested in this topic.



From left: Prof. Omidi, Prof. Talebi, Prof. Mohammadzadeh Doroudi, and Prof. Soomro

IUT Webinars

The fourth lecture of the series of interdisciplinary lectures at Isfahan University of Technology on the "The Role of Mathematical Sciences on Sustainable Development"

In a meeting which was held on September 21, 2022, **Prof. Ali Rejali**, a faculty member of the Department of Mathematical Sciences at Isfahan University of Technology and a founding member of Isfahan House of Mathematics, talked about the role of mathematical sciences in the life of the public.

In his interactive lecture, Prof. Ali Rejali, talked about the role of mathematical sciences in creating logical thinking among citizens and training skillful planners, which are necessary for progress and development. The meeting was continued by revolving around topics such as training statistics and computer science students and graduates in the field of information and data analysis, and also examining the goals of sustainable development as well as the role of mathematical sciences in achieving these goals.





IUT Honors & Awards

Honoring Prof. Ali Rejali, an Outstanding Professor of Mathematics at Isfahan University of Technology in the 16th Iranian Statistics Conference



The ceremony of honoring the distinguished professor and statistician of the country was held in Mazandaran University in the 16th Iranian Statistics Conference on August 24, 2022.

Prof. Abdolrahman Rasekh, a faculty member of Shahid Chamran University of Ahvaz and the president of the Iranian Statistics Association, wrote in a note for a book in honoring Prof. Rejali that he is an active member of the specialty committees of the Iranian Statistics Society, such as the joint cooperation committee of official statistics and he also contributes to advancing procedures of internships for undergraduate

students. Prof. Rejali has been a key figure in the study programs of young colleagues in executive bodies, statistical literacy, and statistics education. The integration of the Statistics Society, the active presence of the Statistics Society in the mathematics branch of the Academy of Sciences and the great status of statistics in the Academy are indebted to his support and consultation.

It is worth mentioning that Prof. Ali Rejali is a faculty member of the Department of Mathematical Sciences of Isfahan University of Technology, an outstanding professor of statistics in Iran, and the founder of Isfahan House of Mathematics. He has a brilliant record such as the award “Paul Erdős -und- Ludwig-Darmstaedter-Preis”, the former vice president of the World Federation of National Mathematical Competitions (WFNMC), and a member of the study group of the International Commission on Mathematical Instruction (ICMI).

Download the proceedings of the 16th Iran Statistics Conference, special for Prof. Rejali, from [here](#).



Hashtroudi Award Given to IUT Researchers

In the opening ceremony of the 53rd Iranian Mathematical Conference held at Mazandaran University, the special award of the Iranian Mathematical Association in Geometry and Topology (Hashtroudi Award) was given to **Prof. Majid Gazor**, a faculty member of the Department of Mathematical Sciences in Isfahan University of Technology, and **Dr. Ahmad Shoghi**, a postdoctoral researcher of this department. The joint research of Prof.



Gazor and Dr. Shoghi on the topic of topology in music has produced interesting subjects including the acceptance of 4 papers, from which 3 are published in prestigious scientific journals. One of these papers is accepted to be published in the journal of Communications in Mathematical Physics, and two other ones are to be published in the Journal of Differential Equations. Despite the active history of more than a century about the bifurcation theory, this theory has been used for the first time by Prof. Gazor and Dr. Shoghi, in the modeling of the resonance of musical sounds (one paper) and the dynamic analysis of musical chords (another paper). Prof. Majid Gazor is a graduate of the University of Western Ontario, Canada, and an associate professor of the Department of Mathematical Sciences of Isfahan University of Technology, and Dr. Ahmad Shoghi is a PhD graduate and a postdoctoral researcher of this university.

IUT International Students Won Medals in the First Cultural and Sports Olympiad of International Students of the Iranian Universities



The second round of the first cultural and sports Olympiad for female international students of the Iranian universities started on September 5, 2022, hosted by Mazandaran University, in 6 fields including chess, athletics, badminton, table tennis, volleyball, and swimming. These competitions ended on September 5, 2022, and the best teams and players were awarded.

The girls' chess team of IUT international students achieved the third place of the team competitions.

Zahra Khavari, **Adele Hosseini**, undergraduate mathematics students, and **Zahra Abdollahzadeh**, an undergraduate statistics student, three international students of IUT, under the supervision of **Fatemeh Keshvari**, were the winners of

these competitions.

It should be mentioned that at the end of these competitions, Al-Zahra University with 127 points, Allameh Tabatabaei University with 52 points, and Sharif University of Technology with 47 points achieved the first to the third places, respectively. The University of Tehran with 38 points, Isfahan University of Technology with 17 points, and Oroumiyeh University with 14 points were ranked fourth to sixth.



From Right: Ms. Keshvari, Ms. Hosseini, Ms. Abdollahzadeh And Ms. Khavari

An Introduction to Polymer and Nano Composites Lab. in Mechanical Engineering Department of IUT

By: Prof. Mehdi Karevan

Polymer and Nano composites Lab. (PNL), being directed by **Prof. Mehdi Karevan**, is located in Mechanical Engineering Department focusing on two main streams: polymer nanocomposite processing techniques and design and development of nanocomposite parts and specimens for research and industrial purposes. The lab mainly aims at translating nano-science theories in to applied research and actual products. The lab is home to undergraduate and graduate students interested in applied sciences focusing on interdisciplinary fields embracing nanoscience, polymer science, advanced materials and mechanics.

We formulate polymers reinforced with nanomaterials and optimize their properties such as electrical, mechanical, bio-medical and other features required by applications. The lab is highly equipped with numerous advanced devices for processing and testing of polymer/nanomaterial-based composites. The lab director and students bring up together their experience, knowledge, and equipment to run customer or research-based parts toward students graduation or topics of knowledge-based companies to address the nation, industries, and academic challenges. We delightedly welcome students and experts to collaborate and make big changes by the use of small materials!

We host processing and testing devices including extrusion-injection molding, 3D liquid printer, calendering, FDM 3D printers, solid state mixers, ultrasonicator, ball-miller, high shear mixer, DSC, TGA, tensile and impact equipment, rotary jet spinner, densitometer, MFI and etc. The lab is now being linked to the cell culture and tissue engineering lab as another wing of our research activities in biotechnology. Please read the second part of this text in the next issue...



IUT Upcoming Events & International Opportunities

ISPST2022 : 15th International Seminar on Polymer Science and Technology

Iranian Polymer Society invites all the participants from all over the world to attend the "15th International Seminar on Polymer Science and Technology" during 8-10 November 2022, at Isfahan University of Technology. This international gathering is primarily devoted to Application of Polymers in Management of Natural Disasters and includes keynote presentations, orals and interactive discussions, poster presentations and exhibitions on both scientific and social aspects of vast polymeric research activities. This long standing and biggest event on polymer science and technology in Iran seeks to achieve the best collection of expertise from academia and industry throughout Iran and other countries.

ISPST 2022 is the place where members of academics and industries in the field of polymer science and technology all around the world gather not only to actively participate in the scientific character of the conference but to enjoy the visit of the third biggest city in Iran, Esfahan, where numerous tourist attraction places including museums, memorials, cultural and historical sites can be found.

Department of Polymer Engineering at Isfahan University of Technology has the great opportunity to host this event on 8-10 November 2022.

For further information please visit:

<https://ispst.ir>

<http://english.iut.ac.ir/node/656>

15th International Seminar on Polymer Science and Technology

ISPST 2022

8-10 November, Isfahan University of Technology, Isfahan, Iran

Key Dates:

- Extended abstract submission deadline: 1 August 2022
- Abstract acceptance notification: 27 August 2022
- Early registration: 8 October 2022

Special topics:

- Polymer in Biomedical and Tissue Engineering
- Polymeric Materials for Medical Care in the COVID-19 Pandemic

General topics:

- Polymer Synthesis and Polymerization
- Green and Environmentally Sustainable Biopolymers
- Polymer Blends, Composites and Nano-composites
- Adhesives, Paints and Coatings
- Elastomers and Compounding Technologies
- Nano-structured Polymers and Smart Systems
- Fibers, Films and Polymeric Membranes
- Rheology and Polymer Processing
- Simulation and Modeling of Polymeric System

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International Opportunities

Call for Granting Scholarships for the Academic Year 2022/2023 under the "World in Serbia" Project

The registration of Serbian scholarships for master's and doctoral degrees has been started and will continue until October 17, 2022.

The project scholarships include:

- Free preparatory classes of Serbian (online course and intensive Serbian language course after the arrival in the Republic of Serbia);
- Free education in basic academic and vocational studies, specialist vocational studies, master's academic and vocational studies, specialist academic or doctoral studies.
- Scholarship in the amount of RSD 15,000.00 per month;
- Free accommodation and food in student standard institutions;
- Compulsory health insurance for scholarship holders up to the age of 26;
- Free recognition of secondary school diplomas: free recognition of higher education diplomas
- Free residence visa

For further information and downloading the relevant paper forms please visit: <https://iscoweb.iut.ac.ir/en/node/1276>



SLI/Summer and Winter University 2023



Affiliated to the University of Freiburg, the Summer and Winter University of the Language Teaching Center SLI offers intensive German language courses to students from all over the world.

You can find the details on https://www.sli.uni-freiburg.de/german/intensive/summer-winter/summer-winter?set_language=en



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 in line with the IUT mission toward a Green University.

You are invited to register your email here to receive every 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.



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Your constructive and valuable comments and suggestions are most welcome.

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