

ECOSF NEWSLETTER



ECOSF Participation in the 101st Anniversary of Turkish National Day Celebrated by the Embassy of the Republic of Türkiye

On October 29, 2024, the Embassy of the Republic of Türkiye celebrated the 101st anniversary of the founding of the Republic of Türkiye. The commemorative event saw high-level participation, including representatives from various governmental, diplomatic and international organizations. Prof. Seyed Komail Tayebi, President of the ECO Science Foundation (ECOSF), attended the event on behalf of ECOSF.



The event was graced by H.E. Ishaq Dar, Deputy Prime Minister and Minister of Foreign Affairs of Pakistan, as the guest of honor. In his remarks, H.E. Ishaq Dar expressed his heartfelt congratulations on Türkiye's Republic Day, emphasizing Pakistan's unwavering support for Turkey's commitment in promoting regional economic and social development. He also praised Turkey's remarkable progress since its founding, acknowledging the nation's achievements on both regional and global stages.

Ambassador of Türkiye, H.E. İrfan Neziroğlu delivered his address, highlighted the legacy of Gazi Mustafa Kemal Atatürk, the founder of Türkiye. Ambassador Neziroğlu underscored the unbreakable bond of brotherhood between Turkey and Pakistan, which grows stronger with time. He affirmed the commitment of both nations to foster peace, stability, and security in the region, expressing the shared hope for the enduring friendship between Turkey and Pakistan.

Kazakhstan Embassy in Islamabad Celebrated Republic Day in Islamabad

The Embassy of the Republic of Kazakhstan hosted a significant event on October 25, 2024, at the Serena Hotel in Islamabad to commemorate the 34th anniversary of the Declaration of Sovereignty by Kazakhstan's Supreme Council.



The event was graced by prominent figures, including the Chairman of the Senate of Pakistan, Syed Yousuf Raza Gillani, Minister for Communications, Privatization, and Investment Board Abdul Aleem Khan, Minister of Information, Broadcasting, Culture, and National Heritage Attaullah Tatar, and Special Assistant to the Prime Minister on Foreign Affairs, Ambassador Syed Tariq Fatemi. Numerous diplomats, government officials, business leaders, academics, experts, and notable representatives from the Pakistani media were also in attendance. Representing the ECO Science Foundation (ECOSF), President Prof. Seyed Komail Tayebi joined the gathering.



Ambassador Yerzhan Kistafin opened the event by warmly welcoming the guests and participants. He highlighted Kazakhstan's key accomplishments in 2024, including its proactive role in international affairs and significant events hosted by the Shanghai Cooperation Organization (SCO) in Astana and Islamabad. The ambassador also reviewed the country's 2023 achievements, noting a foreign trade volume of \$139.8 billion, with exports at \$78.7 billion and imports at \$61.1 billion—a 3.2% year-on-year growth. Since 1993, Kazakhstan has attracted \$441 billion in foreign direct investment (FDI), with its top investors including the Netherlands, the United States, Switzerland, China, Russia, France, the United Kingdom, Belgium, South Korea, and Japan.

The event's chief guest, Senate Chairman Syed Yousaf Raza Gillani, lauded the strong and mutually respectful ties between Pakistan and Kazakhstan. He emphasized the importance of their bilateral relationship and expressed Pakistan's eagerness to deepen cooperation in trade, energy, business, and other sectors.

A heartwarming aspect of the event was the participation of children with disabilities and special needs from the Care for Special Persons Foundation, who were invited as special guests. Additionally, a charity auction was held, featuring handcrafted items made by the foundation's students, with all proceeds donated to support the organization.



President ECOSF meets with Advisor to the Minister and Director General of the Ministry and Public Relations, Ministry of Science, Research and Technology (MSRT), Tehran

October 1, 2024: President of the ECO Science Foundation (ECOSF), Prof. Seyed Komail Tayebi, held a meeting with Prof. Dr. Ahmad Reza Khezri the newly appointed Advisor to the Minister and Director General of the Ministry and Public Relations, Ministry of Science, Research and Technology (MSRT), Iran. Prof. Tayebi extended his heartfelt congratulations to Prof. Khezri on his new role, expressing confidence in his leadership to advance Iran's science and technology sectors to new heights.

During the meeting, Prof. Tayebi briefed Prof. Khezri on ECOSF's mission as a regional organization dedicated to fostering cooperation in Science, Technology, and Innovation (STI) across the ECO region. While highlighting the immense potential for regional collaboration in these fields, he also discussed a significant financial challenge. He emphasized the importance of fulfilling financial commitments to ensure the Foundation can achieve its mission effectively.

In response, Prof. Khezri recognized ECOSF's vital role in promoting STI within the ECO region and acknowledged the issue of Iran's arrears. He assured Prof. Tayebi that efforts would be made to address this concern and settle the outstanding contributions. Prof. Khezri also underlined the importance of supporting ECOSF, stating that resolving this matter would unlock greater opportunities for the Foundation to fully realize its potential and further its mission of fostering regional development.



President ECOSF called upon the Director General of Multilateral and International Economic Cooperation and Permanent Representative of Iran to ECO to ECO, Iran Ministry of Foreign Affairs

On October 1, 2024, President ECOSF Prof. Seyed Komail Tayebi, met with Dr. Seyed Jalaledin Alavi Sabzevari, Director General of Multilateral and International Economic Cooperation and Permanent Representative of Iran to ECO at the Ministry of Foreign Affairs. The meeting focused on strengthening ECOSF's collaboration with Iran and addressing key issues critical to the Foundation's mission.



Prof. Tayebi presented a report on ECOSF's programs and initiatives aimed at fostering regional collaboration in Science, Technology, and Innovation (STI) amongst the ECO Member Countries. He highlighted the work being done across the ECO region to promote sustainable development through STI. Prof. Tayebi also expressed gratitude to the Iranian Ministry of Foreign Affairs for its ongoing support for ECOSF's mission and activities. A key topic of the discussion was Iran's mandatory budget contributions and arrears to ECOSF. Both sides emphasized the importance of addressing this issue promptly to ensure the sustainability of ECOSF's programs and initiatives.

Both Prof. Tayebi and Dr. Alavi Sabzevari underscored the pivotal role of ECOSF, which plays in promoting regional STI collaboration. They mutually agreed on the necessity of continued support from the Government of Iran to enable ECOSF to achieve its full potential.

President ECOSF Visits Kavir Motor Company in Isfahan Province

Prof. Seyed Komail Tayebi, President ECOSF visited Kavir Motor Company, on October 2, 2024 a leading private manufacturing company in Iran, located in Isfahan Province. Prof. Tayebi was warmly received by Mr. Abbasali Rezaei, the Founder of Kavir Motor Company.

During the visit, Mr. Rezaei provided an overview of the company's history, production lines, workforce, and diverse product offerings. Highlighting the company's strategic focus on electric vehicle production, Mr. Rezaei underscored Kavir Motor

Company's commitment to fostering sustainable development. As the largest manufacturer in the country, the company aims to play a pivotal role in advancing electric mobility in Iran.

Prof. Tayebi commended the company's vision and technological advancements, emphasizing that such innovative initiatives can serve as valuable lessons for other manufacturing factories in the region. He recognized the importance of Kavir Motor Company's contributions to the evolving landscape of sustainable transportation.



President ECOSF Visits Academic Center for Education, Culture, and Research (ACECR), Isfahan Branch

October 2, 2024, President ECOSF, Prof. Seyed Komail Tayebi, visited the Academic Center for Education, Culture, and Research (ACECR), Isfahan Branch, where he was warmly welcomed by Dr. Zahid Shafiei, Head of Isfahan ACECR, and the members of its Board of Directors.



Dr. Shafiei introduced the mission and objectives of the Isfahan Branch of ACECR, emphasizing its role as a non-profit organization dedicated to achieving scientific objectives through innovative research and development projects. He highlighted ACECR’s work in advancing science and technology and utilizing research outcomes for societal benefit.

Dr. Shafiei expressed ACECR’s readiness to collaborate with ECOSF on joint scientific, research, and educational initiatives aimed at fostering regional innovation and knowledge exchange.

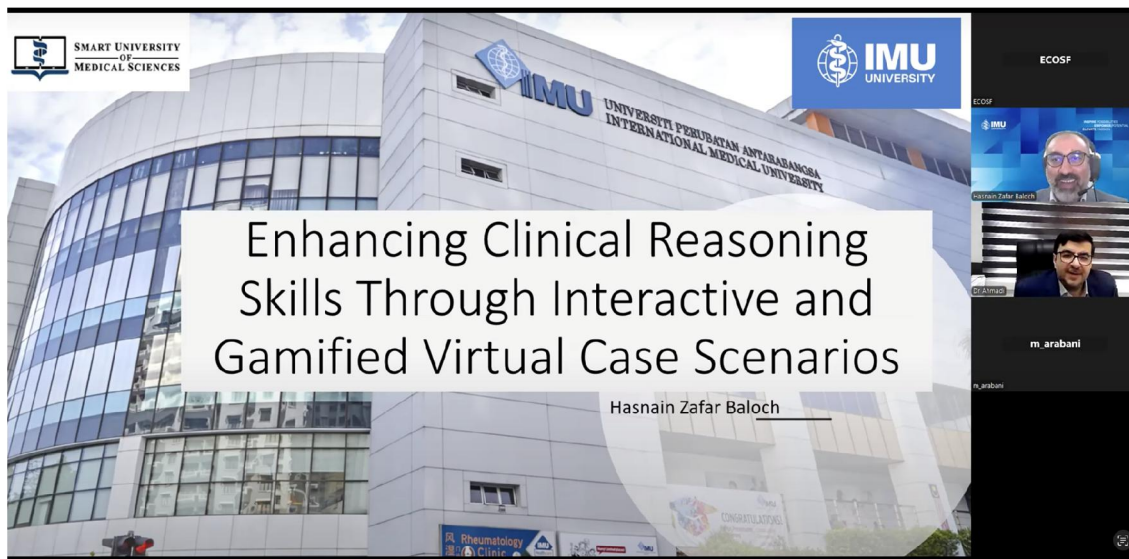
Prof. Tayebi provided an overview of ECOSF’s mission and activities, emphasizing its role in promoting cooperation in Science, Technology, and Innovation (STI) among ECO member states. He outlined the Foundation’s focus on sustainable development, capacity building, and regional partnerships.

Both parties discussed the potential for organizing joint technological and innovative events, with a particular focus on sustainable development and climate change education. They agreed to explore collaborative opportunities to address shared priorities and challenges through innovative solutions and educational exchanges.



ECOSF co-organized a Webinar on Enhancing Clinical Reasoning Skills Through Interactive and Gamified Virtual Case Scenarios

The ECOSF in collaboration with Smart University Medical Sciences (SmUMS), Iran, organized an engaging webinar titled "Enhancing Clinical Reasoning Skills through Interactive and Gamified Virtual Case Scenarios" on October 12, 2024. The session was led by Mr. Hasnain Zafar Baloch from the International Medical University, Malaysia, and brought together a diverse audience of healthcare educators, instructional designers, and clinical simulation experts.



With healthcare education increasingly relying on virtual platforms prior to hospital-based training, this webinar highlighted the importance of providing learners with risk-free environments to hone their diagnostic skills. The integration of gamification into clinical scenarios offers an exciting opportunity to transform traditional training methodologies and achieve better learning outcomes.

The COVID-19 pandemic has transformed the landscape of healthcare education, pushing for rapid innovation to address challenges in clinical training. Virtual simulation technologies have emerged as a critical tool, enabling healthcare professionals to develop essential skills in safe, controlled environments. This webinar highlighted the transformative potential of virtual clinical scenarios and gamification in fostering diagnostic and critical reasoning skills among learners.

Key takeaways of the webinar:

- The webinar introduced gamified, goal-oriented virtual environments that authentically simulate real-world clinical cases.
- The integration of patient narratives, pathophysiological discussions, and investigative tools into virtual platforms demonstrated an innovative approach to enhancing learner engagement and knowledge retention.
- Participants explored hands-on methods to design branching scenarios and learned to incorporate game elements such as points, badges, leaderboards, and narrative progression into clinical simulations.

First Online International Seminar for Science Teachers Organized under BRISEC Framework

The Children and Youth Science Center (CYSC) of the China Association for Science and Technology (CAST) inaugurated a new series of online international seminars and workshops for science teachers under the Belt and Road International Science Education Consortium (BRISEC) framework. The first seminar in the series was successfully held on October 23, 2024, with two speakers: Prof. Kin Silburn from Australia and Prof. Zhong BaiChang from China.

The seminar gathered a large audience, including science teachers, policymakers, executives, students, and other stakeholders. Prof. Seyed Komail Tayebi, President of the ECO Science Foundation (ECOSF), also attended the event.

Prof. Silburn delivered an insightful talk titled "The Future of Technology and the Workplace", exploring the evolution of technologies from the First Industrial Revolution to the ongoing Fourth Industrial Revolution. He illustrated the transformational journey from manual typewriters to cutting-edge, AI-powered computers and mobile devices. The presentation highlighted the impact of these advancements on the workplace and society, leaving the audience inspired and informed about the future of technology.

Prof. Zhong presented on "How to Get to the Core of the New Generation of AI Education", focusing on how Artificial Intelligence is empowering scientific experiment innovation. He introduced a structured approach to AI education, sharing a six-layer AI learning method: AI Function Experience, AI Model Understanding, AI Model Application, AI Model Integration, AI Element Reorganization and AI Algorithm Innovation. The first session of the seminar series was highly productive, providing participants with valuable insights into the future of technology and AI-powered education.



Upcoming Events posted on ECOSF website and Facebook Page

Call for Papers for the Second Congress on Artificial Intelligence in Medical Sciences

Smart University of Medical Sciences proudly announces that the Second Congress on Artificial Intelligence in Medical Sciences will be held from December 18 to 20, 2024. This congress offers a unique opportunity for researchers, professors, students, and professionals in the fields of medicine and artificial intelligence to share their latest achievements and engage in discussions with leading experts from across the country and the world.

Main Topics of the International Congress on Artificial Intelligence in Medical Sciences:

- **AI in Digital Health:** Clinical decision support systems, mobile health, telemedicine, smart hospitals, and IoT in medicine; standards, interoperability, and data exchange.
- **Biomedical Data Processing:** Medical signal processing, medical image processing, omics data analysis, and data integration.
- **Generative AI in Healthcare:** Intelligent virtual assistants, medical education, omics data analysis, and medical data generation.
- **Personalized Medicine:** Cancer diagnosis and treatment, biomarker identification, systems biology, IoT in medicine, and medical robotics.
- **AI in Pharmacy:** Drug discovery and design, preclinical studies, clinical trials, AI in the pharmaceutical industry.
- **Advanced Technologies & Medical Equipment:** Robotics in surgery and healthcare, virtual/augmented reality in medicine, 3D printing and artificial organs, wearable and implantable devices.
- **Health Policy, Law & Management in AI.**

Paper Submission Deadline:

Researchers and interested parties can submit their scientific papers from **October 9, 2024 to November 20, 2024** via the congress portal. All submitted papers will undergo rigorous scientific review, and selected papers will be presented at the congress or published in the congress proceedings.

Important Notes:

- Papers must be submitted in English.
- Accepted paper presenters will have the opportunity to participate in the congress either in person or online.
- For more information on paper submission guidelines, registration, and detailed topics, please visit the official congress website.

Don't miss this golden opportunity to contribute to the advancement of artificial intelligence in medicine by sharing your research!