



ECOSF NEWSLETTER



ECO Secretary General Visits ECO Science Foundation, Highlights Role of Science and Technology in Regional Development

Islamabad, July 26, 2024 — H.E. Amb. Khusrav Noziri, Secretary General of the Economic Cooperation Organization (ECO), visited the ECO Science Foundation (ECOSF) on July 26, 2024, as part of his official visit to Pakistan. Dr. Ghulam Muhammad Memon, Executive Director of ECOSF warmly welcomed the Secretary General and expressed deep gratitude for his unwavering support to the Foundation and its mission. Dr. Memon highlighted the vital contributions of Ambassador Noziri in promoting Science, Technology, and Innovation (STI) as key drivers for sustainable development in the ECO region.



During the meeting, Ambassador Noziri emphasized the critical importance of STI in fostering sustainable economic growth across the region. He acknowledged the pivotal role of ECOSF in facilitating scientific collaboration and capacity building among ECO member states, particularly in areas such as standardization, conformity assessment, and regional connectivity.



Throughout his tenure, Ambassador Noziri has been instrumental in advancing ECO's strategic objectives, including the successful partnership with international and regional organizations to achieve the United Nations Sustainable Development Goals (SDGs) within the region. Dr. Memon praised the Secretary General's visionary leadership, stating, "Under Ambassador Noziri's guidance, ECO has made remarkable steps in uniting our Member States towards a common goal of sustainable development. His commitment to promoting scientific collaboration has inspired us all at ECOSF."

The 8th "Belt and Road Teenager Maker Camp and Teacher Workshop Held in Kunming City of China

The 8th "Belt and Road Teenager Maker Camp and Teacher Workshop" was held from July 23 – 27, 2024 in the beautiful city of Kunming of China. The Camp was jointly organized/sponsored by the Children and Youth Science Center of China Association for Science and Technology (CYSCC), the Ministry of Science and Technology OF China and the Yunnan Provincial Government. It was supported by ECO Science Foundation (ECOSF), InterAcademy Partnership Science Education Program (IAP SEP) and Network of African Science Academies (NASAC).



The Maker Camp has 4 science and technology theme camps and 10 science and technology and cultural exchange activities, which play an active role in further promoting the "Belt and Road" youth science and technology and cultural exchange cooperation.

Over 300 participants comprising of High Officials, Teachers and Students from 37 countries and regions along the belt and road gathered to promote the exchange of science, technology and culture, mutual learning and sharing. ECOSF also invited and managed 39 participants (teachers, students and officials) from five ECO countries in which their relevant details are reported by the following table:

Country	Teachers/ Officials	Students	Total
Iran	2	5	7
Kazakhstan	3	5	8
Pakistan	2	5	7
Turkmenistan	2	5	7
Uzbekistan	3	5	8
ECOSF	2		2
Total	14	25	39

Mr. Shi Yugang, Deputy Secretary of the Yunnan Provincial Committee of the Communist Party of China opened the Camp on July 23, 2024. He welcomed all the distinguished foreign and local guests. He said that this Camp was the realization of the dream of President of Peoples Republic of China H.E. Mr. Xi Jinping to make this world a place of opportunities for the youth. He further said that Yunnan is actively promoting the construction of a radiation center facing South Asia and Southeast Asia; emphasizing the development of new quality productivity to stimulate the unlimited potential of youth innovation and creation; pointing out that "there is an opportunity in Yunnan" to expand the broad space for youth innovation and creation; hoping to build an exchange platform for youth innovation and creation in the joint construction of the "Belt and Road". Finally, he welcomed the participants to visit Yunnan more, see more, and experience the extraordinary excitement.



Prof. Komail Tayebi President ECOSF also made a speech during the opening ceremony. In his speech, he congratulated the leadership and management of Yunnan Teenager Science and Technology Center; Children and Youth Science Center and all other organizers for their outstanding efforts to realize the happening of 8th Maker Camp. He further said that to flourish the culture of STI in the societies, we need to invest in our Children and Youth, thus, Teenager Maker Camp and Teacher Workshop is the step in right direction which provides the great opportunity to the students, teachers, mentors, policy makers and others to come together for learning and sharing the scientific knowledge, wisdom and cultural information of different countries and regions from all over the world. Prof. Tayebi also said that the collaboration between the ECOSF and CYSCC has flourished, opening new avenues for joint efforts, particularly in the realms of youth engagement, science education, and innovation. This partnership is instrumental in shaping the future of scientific discovery and fostering a generation of young innovators.

Prof. Tayebi emphasized that today's children hold the promise of a brighter future. By providing them with opportunities for self-discovery, fostering a spirit of inquiry and questioning, and nurturing responsibility and critical thinking, we can help them become better citizens and effective leaders. As we invest in their development, we pave the way for a more innovative, ethical, and prosperous world. Hence, let us commit to empowering our children, the leaders of tomorrow, by creating environments that

support their growth and potential. Together, we can build a future where they thrive as responsible, thoughtful, and visionary leaders.

Ms. Jacqueline Alice Akinyi Kado, Executive Director of Network of African Academies, also delivered her opening remarks.



Mr. Yin Hao, Member of the Party Leadership Group and Secretary of the Secretariat of the China Association for Science and Technology in his speech said that the China Association for Science and Technology pays attention to the growth and development of the younger generation, and constantly improves the full-chain training support system for young scientific and technological talents. In order to promote the "Belt and Road" youth science and technology and humanities exchanges, this maker camp combines the advantages of Yunnan Province's "plant kingdom, animal kingdom, and world garden", and carefully arranges 15 activities such as science and technology theme camps and science and technology cultural exchanges, presenting the ever-changing development of contemporary Chinese science and technology, the colorful national culture and the pragmatic measures to support the sustainable development of science education in the "Belt and Road", and guide students to approach scientists, understand scientists, learn from scientists, cultivate scientific dreams, and establish innovative ambitions.

Mr. Hu Zhenmin, Executive Deputy Director of the China Committee for Caring for the Next Generation; Prof. Wu Xiangping, Academician of the Chinese Academy of Sciences and Chairman of the Belt and Road International Science Education Coordination Committee, Prof. Zhu Youyong, Academician of the Chinese Academy of Engineering and Chairman of the Yunnan Provincial Association for Science and Technology, and Mr. Xu Xing, Academician of the Chinese Academy of Sciences also attended the opening

ceremony.

The event released the "Belt and Road" Youth International Science Education Collaborative Innovation Initiative, proposing three initiatives: supporting the development of student science and technology clubs to give young people's dreams a technological wing; building an international exchange platform of "big hands holding small hands"; and establishing a long-term cooperation mechanism to promote the building of a community with a shared future for mankind.

At the end of opening session, a dialogue with scientists was held, in which Prof. Mahouton Norbert Hounkonnou, President of Network of African Science Academies and Presidential Advisor in-charge of Control and Ethics for Higher Education, Prof. Xu Xing, Academician of the Chinese Academy of Sciences, Director of the Institute of Vertebrate Paleontology and Paleoanthropology, and Prof. Goi Bok Min, Vice president of Universiti Tunku Abdul Rahma, Academician of the Malaysian Academy of Sciences delivered their own speeches on the roles of science and science education in their own academic lives.



During five-day event, various scientific visits were arranged for the participants. On the first day, the participants visited China-South Asia Expo and witnessed different technological and business pavilion. The opening was held in the afternoon. After the opening, a session of traditional toys was held. Dr. Ganigar from National Science Museum of Thailand moderated the Session. Prof. Komail Tayebi made a presentation on traditional toys from ECO region especially from Iran. Other experts from Australia, China, Malaysia, Indonesia also presented the traditional toys from their respective countries.

Other themed activities included the visit to Botanical Garden with focus on "Plant Fantasy", and Yunnan Observatories with a theme "Chasing Sun". The students and teachers were engaged with different knowledge-based hands-on activities in above mentioned visits. A visit to the Chengjiang Fossil Site Natural History Museum was also arranged for the participants. It is a large-scale natural history museum and China's first cultural facility built on a fossil site. The museum also provides information about the Cambrian fossils discovered at Chengjiang as its founding collection, it explains the origins of life, evolution, and biodiversity.

At the last day, the participants were taken to the Dounan Modern Flower Town. In the town, the participants experienced a huge variety of flowers produced in Kunming and different valued added products made with the flowers. It is said to be the world's largest market of flowers.

It is pertinent to mention that since 2017, the "Belt and Road Teenager Maker Camp" has been held for eight consecutive sessions, attracting more than 40 million young people and science and technology teachers from many countries, regions and international organizations to embark on a scientific journey of dreams, witnessing the burst of countless creativity and the sublimation of friendship, establishing the "Belt and Road" international science education coordination mechanism, and playing a unique symphony of scientific and cultural exchanges. In 2023, the Maker Camp was included in the list of practical cooperation projects of the third "Belt and Road" International Cooperation Summit Forum, and it is the only project named after young people.

Some pictorial glimpses of the Camp are as follows:



Annual Meeting of the Belt and Road International Science Education Consortium held in Kunming, China

The Annual Meeting of the Belt and Road International Science Education Consortium (BRISEC), held on July 24, 2024, in Kunming, China, brought together numerous stakeholders to discuss key initiatives and activities promoting science education along the Belt and Road. Prof. WU Xiangping, President of BRISEC, presided over the meeting, which covered the organization's efforts and progress from December 2023 to July 2024. The major programs consisted of the 8th Belt and Road Teenager Maker Camp & Teacher Workshop, co-hosted by China Association for Science and Technology (CAST), Ministry of Science and Technology of People's Republic of China (MOST), the People's Government of Yunnan, was organized by Children & Youth Science Center of

CAST (CYSCC) in July 2024. The mega event was supported by Preparatory Committee of World Organization for Science Literacy, IAP Science Education Programme (IAP SEP), Economic Cooperation Organization Science Foundation (ECOSF), Network of African Science Academics (NASAC), Arab League Educational, Cultural and Scientific Organization (ALECSO).

During the meeting, Prof. WU Xiangping President of BRISEC delivered the welcome address to the all members attending offline as well as online. Then the relevant member organizations briefed their activities based on 2024 annual report of BRISEC by the Secretariat.

The ECOSF delegation, headed by Professor Tayebi, reported following three activities related to youth science education and promotion.

1. Two-Day Lahore Science Mela (Fair) – 2023: It was held on 28-29 October 2023 in Lahore, Pakistan, organized by Khwarizmi Science Society (KSS) in collaboration with ECO Science Foundation (ECOSF) and Other National and International Organizations/Institutes. 125 exhibitors from all over the country established their stalls. Since the start in 2017, the ECOSF has been supporting /collaborating the event.
2. Islamabad SEMP Camp 3.0: The camp was organized by ECO Science Foundation (ECOSF), Pakistan Science Club (PSC) and Allama Iqbal Open University (AIU) in Islamabad, Pakistan, from June 30 to July 4, 2024. Over 120 participants including middle and high school students from Islamabad and Rawalpindi attended the camp. The theme of the camp was “NO CODE BOT,” focusing on developing and programming a robot without the use of computers or cellphones. The idea was amazing, by which the students successfully built robots through manual programming, engaging in four sessions each day with new tasks related to the BOT.
3. The 1st international online workshop on “Making STEAM Education Fun with Traditional Toys” was organized jointly by ECO Science Foundation (ECOSF) and Thailand National Science Museum (NSM) on July 11, 2024, attended by the teachers, students, academia and young leaders from Thailand and ECO region. The objective was to promote the potential development of children and youth in Science, Technology, Engineering, Art, and Mathematics (STEAM) and exploring ancient toys, materials and designs of ECO region. The goal was also to encourage teachers and students to create new toys from ancient toys’ models encompassing the different cultures. Three experts from ECOSF and NSM trained the participants on the traditional Toys.



Following this part of the meeting, other members also reported briefly their related activities during last year. Then, members discussed the new member of BRISEC i.e., Hongkong STEM Education Alliance, which was accepted.

Ultimately, the continuation of BRISEC meeting was focused on discussing proposals conducted by some members for 2024. The ECOSF team presented three proposals on International Forum on Science Education and Capacity Building Workshop on Inquiry Based Science Education (IBSE) for Azerbaijan in 2025, a joint plan between ECO Science Foundation (ECOSF) and Thailand

National Science Museum (NSM) on “Time to Bring Back Ancient and Traditional Toys”, as well as collaborate in the forthcoming ECO Trade Expo and Conference (ECO TTEC) in Islamabad, Pakistan, in Feb. 2025.

The meeting was ended with the commitment to pursue the objectives of the BRISEC with true spirit.



Exchange Activity on International Teenager Science Education (Practical Cases Sharing of Traditional Toys and STEM Education)

Following Thailand National Science Museum (NSM) in Thailand at last BRISEC annual meeting, a half-day workshop was organized during the BRISEC annual meeting in Kunming on 23 July 2024. The goal was to promote STEM learning and culture exchange through traditional toys from Belt and Road counties and regions. Some BRISEC member institutions participated and demonstrated the traditional toys from their home countries. The workshop was organized in a friendly way. Multiple display and presentation formats, such as on-site physical showcases, video exhibitions, pictures or photos, were presented by the presenters. The workshop was moderated by Dr. Ganigar Chen, the Vice-President of NSM, and held at the Conference Room, Howard Johnson LakeView Hotel Kunming.



Dr Chen talked about the theme which was Traditional Toy and STEM Education, then introduced the background, purpose and participants of the event. She also shared some traditional toys from Thailand to explore STEM education practice cases.

Prof. Tayebi, President ECOSF was the second speaker who talked about Traditional Toys and STEAM Education in the ECO Region: Evidence from Iran. In his presentation. He said in today’s rapidly evolving world, it is crucial to equip our young generation with skills that give young learners all the essential skills to succeed in an ever-changing world. In fact, he added, toys play a crucial role in STEAM education for children by fostering curiosity, hands-on exploration, and learning through play. Hence, STEAM education for children integrates Science, Technology, Engineering, Arts, and Mathematics into a cohesive learning approach. Prof. Tayebi discussed toy-based

pedagogy is based on the principle that toys at young ages are not only used for entertainment but also as learning resources for the mental, physical, social, and emotional development of the child. While STEAM education helps prepare students to take on real-world challenges using science, technology, engineering, arts and mathematics.

President ECOSF said it is possible to talk about exploring the feasibility of integrating STEAM education based on ancient and traditional toys. It is also essential to understand that from ancient times, the development of toys followed three central purposes: to entertain children, to express the value of society, and to instruct skills and knowledge to the young generation.



In conclusion, Prof. Tayebi said the history of toys in the ECO region is rich and diverse reflecting the changes in society, culture, and technology over years. Overall, toys serve as valuable tools in science education in the region by fostering a love for learning, nurturing critical thinking skills, and providing memorable experiences that lay a strong foundation for understanding scientific concepts.



In this workshop, other presenters discussed the performance of toys in STEAM education in different countries, in which they are: Su Qiushi, Tianjin Normal University, China, Dr. Ken Silburn, President of LAZSTA (Met South West Science Teachers Association), Australia, Zhao Yongzhong, Shaanxi Yequ Middle School, China, Dr. Ong, Kiah Ju, Associated Professor of Universiti Tunku Abdul Rahman, Malaysia, Zhang Jianbing, Model Junior High School, Gangu County, Gansu Province, China, Nur Amirah Najihah Binti Kamarudin, Vice Operating Officer, Penang Science Cluster, Malaysia, Jiang Ping, Principal of Experimental Middle School Attached to Yunnan Normal University, China, and Zuhe Safitra, Rizwan Darmawan, SEAMEO QITEP in Science, Indonesia.

In the end, concluding remarks and vote of thanks were delivered by Prof. Wu Xiangping, President of China Association of Children's Science Instructors, Academician of Chinese Academy of Sciences and President of the Belt and Road International Science Education Coordinating Committee (BRISec).

Islamabad Hands-on STEM 3.0 Successfully Organized



ECO Science Foundation (ECOSF), Pakistan Science Club (PSC) and Allama Iqbal Open University (AIOU) jointly successfully organized Islamabad Hands-on Science, Technology, Engineering and Maths (STEM) Camp 3.0 from June 30 to July 4, 2024 at AIOU Main Campus. The registration of the students and young leaders from Islamabad and Rawalpindi were invited online, resulting in over 120 participants attending the camp. The theme of this year's camp was "NO CODE BOT," focusing on developing and programming a robot without the use of computers or cell phones. The idea was amazing. The participants successfully built robots through manual programming, engaging in four sessions each day with new tasks related to the BOT.



On final day of the Camp, a closing ceremony was held wherein, the parents and relatives of the participating students were invited to attend the closing ceremony. The Closing Ceremony was also graced by the President ECOSF Prof. Dr. Seyed Komail Tayebi and Vice Chancellor of AIOU Prof. Dr. Nasir Mehmood. Prof. Dr. Manzoor H. Soomro, Advisor/Ex-President ECOSF attended as guest of honour.



At the closing session and on behalf of the Organizers, Dr. Tanveer Afzal welcomed all the distinguished participants, parents, young leaders/students for attending the Camp and the ceremony.

Mr. Abdul Rauf talked about the Camp and its activities in detail. He also highlighted outcome of the event. He thanked AIOU for hosting the amazing event in the main campus of AIOU. Abdul Rauf and his team came from Karachi to conduct this camp. There are a lot of contributions of PSC towards promotion of scientific activities among the people especially children and students.

President ECOSF Prof. Seyed Komail Tayebi in his speech introduced the Foundation including the objectives, programs and activities. Then he talked about STEM education that provides opportunities to children and youth to explore, evaluate and

develop new things to address the social issues through scientific methods. He added investment in science leads to the development of a society and ultimately and economic growth of the country.

The STEM develops critical thinking among the students and children which makes them good learners, decision makers and qualified scientists, added Prof. Tayebi. He expressed that more STEM activities should be organized to engage a large number of students so that maximum students can choose their careers as scientists. He thanked AIOU for hosting the event in the University and congratulated all the participants for their remarkable work during five day of the camp. He also appreciated the parents who nurture their children in the field of science. Without science, technology and innovation, no country can progress. He reiterated the commitment of ECOSF to promote STI leading to economic development in the ECO region.



Vice Chancellor AIOU Prof. Dr. Nasir Mehmood, in his speech said that it is the honor for AIOU to host such events which engage children and students especially with focus on science education. The children/students are our future; thus, it is our duty to equip them with quality education, they can make the future more secure and prosperous, expressed by the VC. He promised that in collaboration with ECOSF, a resource center equipped with IBSE materials and facilities will be developed at the University so that such activities in the future can be arranged in that center.

The ceremony was concluded by Dr. Soomro. In his concluding remarks, Dr. Soomro appreciated all the organizers, volunteers and other people who made the event a success. It is pertinent to mention that Dr. Soomro is the pioneer of these kinds of Camps when he was President ECOSF. ECOSF and PSC developed collaboration under his leadership which has been continued under the patronage of the incumbent President Prof. Tayebi.

Following are glimpses of the Camp:





At the end of the Camp, prize gifts were given to the winners of different sessions and the certificates were awarded to all participating students, volunteers and the organizers.

COMSATS and ECOSF Sign MoU to Address Climate Change and STI Collaboration

Islamabad, July 02, 2024: The Commission on Science and Technology for Sustainable Development in the South (COMSATS) has signed a Memorandum of Understanding (MoU) with the Economic Cooperation Organization Science Foundation (ECOSF) to cooperate and collaborate for addressing significant challenges faced by their respective member states leveraging each other's expertise in Science, Technology, and Innovation (ST&I).



Climate Change, which poses a serious global threat to sustainable socio-economic growth, the agreement aims to mobilize academia, S&T, and R&D institutes to promote innovation, capacity building, institutional strengthening, sharing knowledge and expertise.

This MoU will facilitate the exchange of, technological know-how, data, and good practices to strengthen the Sustainable Development Agenda. The partnership will build on the ongoing activities and commitment to R&D and innovation of both COMSATS and ECOSF. It will leverage their joint expertise to address emerging research questions that underscore practical challenges in designing, adopting, and governing sustainable systems. Both organizations support each other in ST&I-based joint policy research and development for their respective member countries. Alongside officials from COMSATS and ECOSF, the ceremony was attended by representatives from the Ministry of Science and Technology (MoST), COMSATS' partner organizations

such as the National Institute of Disaster Management (NIDM) And the Climate Resourcing Coordination Centre (CRCC), as well as representatives from the diplomatic missions of Kazakhstan, Iran, Turkmenistan, and Syria in Pakistan.

President of ECOSF, Prof. Seyed Komail Tayebi, expressed his gratitude to COMSATS for this partnership, stating, "COMSATS has consistently demonstrated a strong commitment to supporting and enhancing the national capacities of developing countries in ST&I. Their dedication to promoting South-South cooperation is admirable and aligns perfectly with our goal of fostering economic and social development through regional and sub-regional collaboration."

International Online Workshop on Making STEAM Education Fun with Traditional Toys Held

ECO Science Foundation (ECOSF) jointly with National Science Museum of Thailand (NSM) organized 1st "International Online Workshop on Making STEAM Education Fun with Traditional Toys" on July 11, 2024. The objective of the workshop was to promoting the potential development of children and youth in Science, Technology, Engineering, Art, and Mathematics (STEAM) and exploring ancient toys, materials and designs of ECO region and encouraging teachers and students to create new toys from ancient toys' models encompassing the different cultures. The workshop was attended by the teachers, students, academia and young leaders from Thailand and ECO region. Three experts from NSM and ECOSF trained the participants on the traditional. The workshop was moderated by Dr. Wilasinee Triyarat, Director of Research and Academic Services Division at NSM.

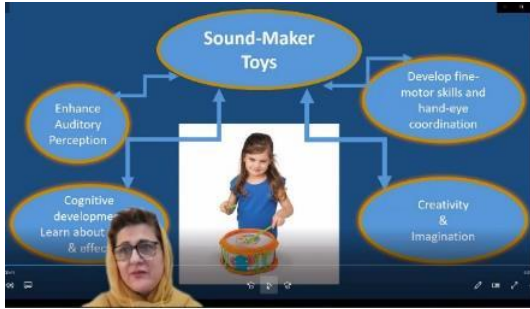


The Workshop was opened by the Vice President of NSM Dr. Ganigar Chen. In her opening speech, Dr. Chen highlighted the collaboration between ECOSF and NSM developed recently. She also thanked NSM and ECOSF teams for organizing such a beautiful and fruitful workshop. She emphasized that more such workshops should be organized in the future. Dr. Chen also made an introduction of NSM and said that under the NSM, five museums are working focusing on specific fields such as science, natural history and information technology. NSM is playing a pivotal role for promotion of scientific culture in Thailand, she added.

President ECOSF Prof. Dr. Seyed Komail Tayebi also addressed the workshop as keynote speaker. In his keynote, he introduced the ECOSF and said the ECOSF is an intergovernmental agency of ten countries which works for promotion and support of Science, Technology and Innovation (STI) based activities in its Member Countries. He further explained that STEAM education is an integral part of the education system of any society. The STEAM education provides an opportunity to achieve the goals of sustainable development, he added. He further said that the traditional toys have been playing a significant role since ancient times. Through the traditional toys, innovative ideas are created and shared leading to develop the base for critical thinking. Prof. Tayebi also appreciated the collaboration between ECOSF and NSM and hoped that this collaboration with NSM will be stronger in the days to come. More activities can jointly be arranged, he added. He also said that NSM and ECOSF are the active members of Belt and Road International Science Education Consortium (BRISEC), thus, the collaborative activities can be organized under the auspices of BRISEC.

Later, Dr. Peeranut Kanhadilok, Director of National Center for Public Awareness of Science, NSM along with Dr. Wilasinee started the workshop activities. Dr. Kanhadilok, as an expert in toy STEM, explained in details the functions of NSM. They presented the traditional old toys of Thailand and new traditional toys developed by NSM through the local materials. Dr. Peeranut amicably defined the techniques of every traditional toys developed by NMS or used in Thailand. Dr. Peeranut said that every traditional toy has its own definition. Good thing about the traditional toys is that they provide a platform to learn through play and





interaction which easily attract children to be engaged. A huge variety of the toys were presented by Dr Peeranut with the statement that most of the toys were made by her. Most of the toys have been made by her, she explained.

The 2nd Expert of the Workshop was Mr. Elahe Ranai, ECOSF Trainer from Iran. Ms. Elahe highlighted some kinds of toys found in different countries of the World. She focused on Sound Making Toys. She said that Sound Making Toys enhance auditory perception, develop fine motor skills and hand-eye coordination, creativity and imagination. She further said that STEAM based projects develop cultural knowledge for young learners. She

also shared historical vintage sound toys used in old age Persian dynasty.

Last speaker of the workshop was Ms. Zeinab Tayebi, ECOSF Trainer from Iran. She talked about the ancient Persian toys. In her presentation, she described the history of the toys dated back 4000 BC. She explained the different kinds of toys such as Quadricycles, Animal Figurines, Functional Toys, Decorative Toys, Educational Boards, Musical Toys, Dolls and Puppets and Ritual Religious Toys, etc. As per the methodology of ancient Persian people, every kind of Toys has its own purpose.



At the end, a Q&A session was also held. The workshop was closed with the vote of thanks to everybody for their attendance.

World Water Day 2024 Commemorated with Focus on "Water for Prosperity and Peace"



Islamabad, July 9, 2024 – The ECO Science Foundation in partnership with the Pakistan Council of Research in Water Resources (PCRWR), UNESCO, UN-Habitat, UNICEF, the National University of Sciences and Technology (NUST), and Islamic Relief Pakistan, celebrated World Water Day 2024. The event, themed “Water for Prosperity and Peace,” brought together key stakeholders and experts to address pressing water-related issues impacting Pakistan and the wider region.



Prof. Seyed Komail Tayebi, President of ECOSF, delivered a keynote address, emphasizing the critical role of scientific and research tools in generating credible data for informed decision-making. He highlighted ECOSF's commitment to bridging policy-practice gaps through regional dialogues, promoting confidence-building among key stakeholders.

Mr. Khalil Raza, Programme Manager for Energy and Climate at ECOSF, participated as a panelist in a roundtable discussion. He focused on the energy-water-food nexus, advocating for increased research and development in technological advancements to support effective water governance. The event underscored the importance of collaboration and innovation in addressing water challenges, aligning with the global mission of

achieving sustainable water management for prosperity and peace.



ECOSF Hosts Consultative Meeting with Embassies of ECO Member Countries to Strategize for Upcoming ECO Trade and Tech Expo and Conference

Islamabad, July 10, 2024 – The Economic Cooperation Organization Science Foundation (ECOSF) convened a Consultative Meeting with representatives from the Embassies of ECO Member Countries in Pakistan to strategize and plan for the forthcoming ECO Trade and Tech Expo and Conference (ECO TTEC).

President ECOSF, Prof. Seyed Komail Tayebi, and Executive Director ECOSF, Dr. Ghulam Muhammad Memon, led the discussions, expressing their gratitude for the embassies' supportive role and potential partnership in co-hosting this landmark event in Islamabad.



The meeting served as a crucial platform for aligning objectives and ensuring the successful execution of the ECO TTEC, which aims to foster regional trade, technological innovation, and scientific collaboration among ECO Member Countries. The participants discussed various aspects of the event, including thematic focus, logistics, and stakeholder engagement, setting the stage for a highly impactful conference.



ECOSF President Prof. Seyed Komail Tayebi Visits NUST to Explore Strategic Collaboration

Islamabad, July 4, 2024 – President, Economic Cooperation Organization Science Foundation (ECOSF), Prof. Seyed Komail Tayebi, visited the National University of Sciences and Technology (NUST) and met with Prof. Osman Hasan, Pro Rector (Academics) of NUST. The meeting focused on fostering collaboration between NUST and universities from other ECO Member Countries.

During the discussions, both sides principally agreed on establishing a consortium of ECO Universities aimed at promoting academic and research partnerships across the region. ECOSF will facilitate this initiative by organizing a visit of heads of top universities from the ECO region to NUST, paving the way for future joint ventures and academic exchanges. This collaboration will provide essential framework towards enhancing educational and research ties among ECO Member Countries.



ECOSF and YSF Host Webinar on "Transformative Applications of Artificial Intelligence"

Islamabad, July 31, 2024 – The ECO Science Foundation in collaboration with the Young Science Festival Iran, successfully hosted a webinar titled "Transformative Applications of Artificial Intelligence." The event brought together AI experts to explore the latest advancements and applications of artificial intelligence across various fields.

The webinar featured two distinguished speakers. Prof. Manouchehr Moradisabzevar, Professor of Artificial Intelligence at the University of Tehran, presented on "The Role of AI in Psychology and Cognitive Screening." He discussed the critical role AI can play in the early detection of cognitive and psychological deficits using data from smartphones, video games, and IoT devices. His insights highlighted AI's potential to revolutionize the screening and diagnosis process, offering new hope for timely intervention.

Mr. Muhammad Usman, a Ph.D. Scholar at the University of Science and Technology of China in Hefei, focused on "Transforming AI: Real-Time Analysis for Cutting-Edge Applications." His talk centered on the importance of real-time data analysis across domains like e-commerce, healthcare, and IoT. He elaborated on the current state-of-the-art methods in real-time classification and discussed the potential future directions in this rapidly evolving field.

Prof. Seyed Komail Tayebi, President of ECOSF, delivered the welcome remarks emphasizing the importance of such platforms in advancing knowledge and fostering collaboration in the AI domain. The webinar concluded with an engaging Q&A session, where participants had the opportunity to interact with the speakers and deepen their understanding of AI's transformative applications.

Webinar: Transformative Applications of Artificial Intelligence

Zoom ID: 892 8224 8004
Password: 921328
Zoom Link: <https://tinyurl.com/2s3p9ncb>

July 31, 2024
Pakistan Time: 12:30 PM – 02:00 PM (GMT +5)

Prof. Manouchehr Moradisabzevar
 Professor of Artificial Intelligence, University of Tehran
Title: The role of AI in Psychology and Cognitive Screening

Mr. Muhammad Usman
 Ph.D. Scholar at University of Science and Technology of China, Hefei, China
Title: Transforming AI: Real-Time Analysis for Cutting-Edge Applications

Upcoming Events posted on ECOSF website and Facebook Page

Kuala Lumpur Engineering Science Fair (KLESF)

KLESF International Challenge 2024, an international competition will be organized in conjunction with the Kuala Lumpur Engineering Science Fair: The Fair 2024 (KLESF 2024): on 8-10 November 2024 at the MIECC, Kuala Lumpur.

The KLESF International Challenge aimed at encouraging young minds to explore science, technology, engineering, and mathematics (STEM). Organized by the Kuala Lumpur Engineering Science Fair (KLESF), this challenge offers primary and secondary school students a platform to showcase their creativity and problem-solving skills through innovative STEM-related projects.

Should you require any further information or wish to discuss how you can further support this initiative, please feel free to reach out to contact the contact person:

Contact Person:

KLESF Secretariat – Universiti Tunku Abdul Rahman (UTAR)
 Pn. Azura Abdullah (azura@utar.edu.my)
 WhatsApp: +6018-228 1646

Official Website: <https://www.klesf.net/klesf-challenge-2024/>



Invitation: Webinar on Transforming Rehabilitation Practices & Education in the AI Era

We are pleased to invite you to an upcoming webinar jointly organized by the ECO Science Foundation (ECOSF) and Smart University of Medical Sciences (SMUMS) on the topic "Transforming Rehabilitation Practices & Education in the AI Era."

Date: August 06, 2024
Time: 12:30 PM (GMT+5) Pakistan Time
 11:00 AM (GMT+3:30) Iran Time

Zoom Link: <https://tinyurl.com/5fmydsmc>
Zoom ID: 842 5108 7468
Password: 427402