

Leader visits exhibition of domestic production capabilities

The Leader of the Islamic Revolution Ayatollah Seyyed Ali Khamenei paid a visit to the Exhibition of Domestic Production Capabilities on Monday, ISNA reported. The exhibition which is being held at the Imam Khomeini Husayniya covers a variety of fields with a special focus on knowledge-based products. In this exhibition, domestic companies are showcasing their latest products and achievements in the fields of mining and exploration, electronics and telecommunications, aerospace and satellites, automobiles, agriculture and food, railway transportation, roads, sea and air transportation, housing, oil, gas, and petrochemical industry, household appliances, textiles, aquaculture industry, watershed management, electricity and power plant industries, dam construction, and water management, as well as information and communications technology.

Govt. allows private renewable power plants to export electricity

The Iranian government has allowed the owners of private renewable power plants across the country to export part of their generated electricity, the head of Iran's Power Generation and Distribution Company (known as TAVANIR) announced. "Based on this government resolution, if there is excess capacity for the country's electricity export lines, the necessary permits will be issued to the applicants (private owners of renewable power plants)," Mostafa Rajabi-Mashhadi told IRNA on Monday. Earlier this month, Head of Iran's Renewable Energy and Energy Efficiency Organization (SATBA) Mahmoud Kamani said the country's private power plants are allowed to export electricity for eight months of the year. "Turkey, Pakistan, and Afghanistan can be the destination for the export of renewable electricity," Kamani said. Last week, Energy Minister Ali-Akbar Mehrabian had said the ministry was taking the necessary measures to provide the possibility of electricity export for private renewable power plants.

SP refineries supplying over 570 mcm/d of gas to national network

The managing director of South Pars Gas Company (SPGC) has said the refineries of the complex are currently supplying 570 million cubic meters per day (mcm/d) of sweet gas to the national network, Shana reported. "Currently, 570 million cubic meters per day of sweet gas is supplied from the South Pars refineries to the national network and the feed for the petrochemical plants located in the region is also being supplied uninterruptedly, while the export is also going well," Hossein Shamshiri said on Sunday in a meeting with the head of Inspection Organization of Iran. "We have formulated the plan for the major overhauls for the next year and the necessary plans have been made to start the overhaul operations as of mid-Esfand (March 5)," he said.



Tehran, Tashkent take major steps to develop economic, energy ties



Iran's Minister of Industry, Mining and Trade Abbas Aliabadi and his accompanying delegation, during a visit to the Uzbek capital of Tashkent, held talks with senior Uzbek officials to broaden bilateral ties in trade, economic and energy fields, IRNA reported. During the visit, the Iranian delegation met and held talks with the minister of industry and investment, the minister of energy, the minister of mines and geology, and finally the prime minister of Uzbekistan, Mohammad-Sadegh Ghanadzadeh, Trade Promotion Organization (TPO)'s deputy head for International Business Promotion, said on Monday. The agreement of the central banks of the two countries to activate a banking exchange mechanism and the introduction of commercial banks to advance technical negotiations, the acceptance of the Most Favored Nation (MFN) principle by the Uzbek government after several years of negotiations, and the signing of the executive

document for the preferential trade agreement between the two countries are among the agreements reached between the two sides during the industry minister's visit to Tashkent, according to Ghanadzadeh. The two sides also agreed on the cooperation and participation of Iran in the overhaul of Uzbekistan's gas turbines, the establishment of a regional service center for repairs and overhaul of oil, refinery, and power plant equipment in Uzbekistan, and the establishment of gas pressure boosting stations for the country, the official said. "Iran is also going to participate and invest in the construction of thermal power plants in Uzbekistan, and the Uzbek government has agreed to hand over large areas of metal mines, including iron ore, copper, gold, etc., to Iranian contractors for executive operations from extraction to production," he added. Preliminary agreements on the formation of a joint logistics company and the supply of

freight wagons by Iran for the development of transportation between the two countries, preliminary agreement on the presence of large Iranian contractors in Uzbekistan's infrastructure projects and facilitation regarding guarantees, preliminary agreement on facilitating the registration of Iranian drugs and medical equipment in Uzbekistan and equipping medical centers with medical equipment based on Iranian knowledge were also part of the achievements of this trip. **Iran, Uzbekistan can boost annual trade to \$1b** Before he visited Uzbekistan, Aliabadi had met with Uzbekistan's Ambassador to Tehran Fariddin Nasriyev, in which he stressed the need to increase the two countries' trade exchanges to one billion dollars per year. "Currently, the value of trade between the two countries is around 500 million dollars, so achieving the one-billion-dollar goal is not a high expectation

and can be reached," Aliabadi said. The minister expressed hope that the cooperation between Iran and Uzbekistan can become an example for the future cooperation between Iran and Eurasia, adding: "Important areas such as agriculture, electricity, and energy can create broad fields of cooperation." Nasriyev also stated in this meeting that "our country is fully prepared for the development of trade relations, and as you mentioned, 500 million dollars is not appropriate for the level of relations between the two countries." In mid-June, 2023, Iran and Uzbekistan signed several memorandums of understanding in various fields including transportation, transit, investment, and insurance for expanding economic ties. Iranian Transport Minister Mehrdad Bazrpush and his Uzbek counterpart signed a document on comprehensive transportation and transit cooperation. Iranian Finance and Economic Affairs Minister Ehsan Khandouzi also signed two MOUs with the Minister of Investments, Industry, and Trade of the Republic of Uzbekistan Laziz Kudratov for establishing joint free zones and expanding cooperation in investment and insurance sectors. Also, the ministers discussed the establishment of an investment company to transfer Iran's technical know-how to Uzbekistan. It should be noted that the mentioned agreements and MOUs have been signed as part of the President of Uzbekistan Shavkat Mirziyoyev's official visit to Iran on top of a high-ranking politico-economic delegation. Iran Chamber of Commerce,

Industries, Mines and Agriculture (ICCIMA) also hosted an Iran-Uzbekistan business forum concurrent with the visit of Uzbekistan's president to Tehran. The forum was attended by high-ranking officials from both countries including Kudratov and Iranian Industry, Mining and Trade Minister Abbas Ali-Abadi, and ICCIMA former Head Gholam-Hossein Shafei. Representatives from 50 different Uzbek companies also participated in the event. The Uzbek companies attending the forum were active in different areas including agriculture, sweets, chemicals, cosmetics and drugs, construction materials, digital technologies, mining and geology, irrigation systems, plastic and textile industries, electronic equipment, leather, jewelry, and auto industries, energy, and transportation. Also on September 22, 2023, Iran and Uzbekistan signed a memorandum of understanding (MOU) to expand cooperation in petrochemical industry. The MOU was signed between Iran's National Petrochemical Company (NPC) and Uzbekistan's Uzkimyo sanoat, in the sidelines of Iran's 17th International Exhibition of Plastic, Rubber, Machinery, and Equipment (Iran Plast 2023). Morteza Shah-Mirzaei, the NPC managing director, and Korchikov Evgeniy Aleksandrovich, the deputy chairman of the board for Investments and innovations of Uzkimyo sanoat, inked the mentioned MOU. The document was signed following the agreement of the presidents of the two countries, and finalizing the fields of joint cooperation, and reviewing the cooperation method are among its provisions.

Development projects worth \$130m to be inaugurated in commercial ports

The head of Iran's Ports and Maritime Organization (PMO) announced that 41 development projects worth 65 billion rials (about \$130 million) will be inaugurated in the commercial ports of the country during the Ten-Day Dawn (February 1-11, which marks the anniversary of the victory of the Islamic Revolution). Making the remarks in the meeting of the council of directors and deputy heads of this organization, Ali-Akbar Safaei said more than 70 very important projects in the field of sea economy and sea-oriented development have been designed and are being implemented. Referring to the announced policies of sea-oriented development and the necessity of the integration of the country's maritime organization in the implementation of this document, the official emphasized that the literature of sea-oriented development policies is based on maritime governance and its implementation scope includes oceans, seas, coasts, ports and harbors. In mid-November last year, the official said that the PMO was going to attract 1.0 quadrillion rials (about \$1.968 billion) of investment in the country's ports to develop maritime economy. In a televised interview Safaei said that 470 trillion rials (about \$924 million) of the mentioned figure is going to be invested by the private sector and the rest will be supplied by PMO. According to the official, private contractors had so far signed deals worth 60 trillion rials (about \$118 million) with PMO to implement development projects in the country's ports. "In order to realize the general development policies of the maritime sector, we need an integrated, coordinated and agile management at the highest level," Safaei said. While Iran is combating the U.S. unilateral sanctions on its economy, the country's ports as the major gates of exports and imports play a significant role in this battle. This role makes all-out support to ports and more development of them serious and vital. Such necessity has led the government to define projects for more development of the ports and also take some measures to encourage investment making in ports, in addition to facilitating the loading and unloading of goods, especially basic commodities, there. It is worth mentioning that Iran's Ports and Maritime Organization has defined a high number of projects to develop and improve the country's ports, as the country aims to double the capacity of its ports in the course of five years. According to the PMO, the capacity of the country's ports has increased from 180 million tons in the Iranian calendar year 1392 (ended in March 2014) to 250 million tons.

Iran rejects allegations of China's request to rein in Ansarullah attacks



Iran's foreign ministry spokesman on Monday refuted reports suggesting that China has requested Iran's intervention to halt attacks by the Yemeni Resistance group Ansarullah in the Red Sea. During a press briefing, Nasser Kanaani dismissed the news as unfounded, stating he was unaware of its origin. He continued, "The spokesperson for the Chinese

Ministry of Foreign Affairs has also had a clear and explicit position in this regard. The Islamic Republic of Iran and China, as two countries in favor of convergence, have consistently demonstrated their commitment to regional and international justice, peaceful resolution of disputes and conflicts, and opposition to tension. The spokesperson for the Chinese Ministry of Foreign Affairs has expressed a clear opinion about what is happening in Palestine, Gaza, and the Red Sea. We also agree that the immediate priority is to cease the atrocities of Israel in Gaza. The developments in the Red Sea are just consequences of the injustice that we witness in Gaza." Earlier some news agencies such as Reuters claimed the Chinese officials have requested their Iranian counterparts, urging them to take action to quell attacks on ships in the Red Sea carried out by the Ansarullah, underscoring the potential risk to their business relations with Tehran if these attacks continue unchecked. Amid Iran's repeated assertions that regional Resistance groups operate independently for the security of their countries and the support of the oppressed

Palestinian people, the Western countries claim that Iran is fully backing these movements in the region. Iranian officials have asserted that the U.S. and Israel's accusations against Tehran are politically motivated, denying claims of being "deeply involved" in attacks by Yemen's Ansarullah resistance movement on commercial ships in the Red Sea. Sana'a has repeatedly stated that it targets only ships heading to occupied territories and ensures freedom of navigation for other ships in the Red Sea. Yemen's Armed Forces and the country's Ansarullah have been staging many strikes against Israeli vessels or those bound for the occupied Palestinian territories' ports. The operations have been described as a response to an October 7, 2023-present war and siege that the Israeli regime has been waging against Gaza following an operation carried out by the Palestinian territory's resistance movements. Since the inception of the war in the enclave, nearly 26,300 Palestinians, some 70 percent of whom are women, children, and adolescents, have been killed.

Steel ingot export up 7.6% in 9 months on year

The export of steel ingot from Iran rose 7.6 percent in the first nine months of the current Iranian calendar year (March 21-December 21, 2023), as compared to the same period of time in the past year, the Iranian Steel Producers Association (ISPA) announced. The ISPA put the country's steel ingot export at 5.621 million tons at the first nine months of this year, and at 5.224 million tons in the first nine months of the previous year. As the association has announced, the production of steel ingot in Iran rose three percent in the first nine months of the current year, as compared to the same period of time in the past year. The ISPA put the country's steel ingot

output at 24.492 million tons at the first nine months of this year, and at 23.786 million tons in the first nine months of the previous year. According to the latest report released by the World Steel Association (WSA), Iran's steel production reached at 3.0 million tons in November, 2023, registering a 7.6 percent increase compared to the previous month. The Islamic Republic produced 28.1 million tons of crude steel in the first 11 months of 2023, also registering a 0.6 percent increase as compared to the same period in the past year, the WSA report said. Based on the WSA data, Iran maintained its place as the world's 10th

largest steel producer in the mentioned period. The WSA data put the world's 11-month crude steel production at 1.715 billion tons, indicating a 0.5 percent increase compared to the first 11 months of 2022. The world's 71 steel producers managed to produce 145.5 million tons of steel in November 2023, 3.3 percent more than the figure for the previous year's same month. Based on the WSA report, China, India, Japan, the U.S., and Russia were the world's top steel producers in the first 11 months of 2023, respectively. The previous WSA report had put Iran's steel output in the first 10

months of 2023 at 25.1 million tons, 0.1 percent less than the same period in 2022. The Islamic Republic's monthly crude steel output stood at 3.1 million tons in October. The Iranian Steel industry has been constantly developing over the past years against all the pressures and obstacles created by outside forces like the U.S. sanctions and the coronavirus outbreak that has severely affected the performance of the world's top producers. The country is expected to climb to seventh place among the world's top steel producers by the Iranian calendar year 1404 (March 2025).

Iran exports non-oil commodities worth \$40.5b in 10 months

Iran exported 113 million tons of non-oil goods valued at \$40.5 billion during the first 10 months of the current Iranian calendar year (March 21, 2023-January 20, 2024), the head of the Islamic Republic of Iran Customs Administration (IRICA) announced.

Mohammad Rezvani-Far said that the 10-month non-oil export indicates a nine percent growth in weight, but an 11 percent fall in value, year on year, IRIB reported.

The official also said the country exported \$29.9 billion of crude oil in the mentioned 10 months, registering a 10-percent rise, year on year.

Rezvani-Far further announced that Iran has imported 32.7 million tons of goods worth \$54.8 billion in the first 10 months of the present year, which indicates an 11.6 percent rise in value and six percent growth in weight.

He named China, Iraq, the United Arab Emirates (UAE), Turkey, and India as the major export destinations of Iranian goods in the said period, and the UAE, China, Turkey, Germany, and India as the main sources of import.

Gold, car parts and accessories, and smartphones were the main imported items during this period, according to the official.

In the first 10 months of this year, 14.2 million tons of goods were also transited through Iran, which was 29 percent more compared to the same period last year, Rezvani-Far said. As previously announced by the spokesman of the Trade Development Committee of the Iranian House of Industry, Mining, and Trade, the value of Iran's non-oil exports rose 10 percent in the past Iranian calendar year 1401 (ended on March 20, 2023).

Ruhollah Latifi said that 122.056 million tons of non-oil commodities worth \$53.166 billion were exported in the previous year.

China with the purchase of \$14.584 billion of commodities (no change), Iraq with \$10.238 billion (15 percent growth), Turkey with \$7.459 billion (23 percent growth), the United Arab Emirates (UAE) with \$5.767 billion (28 percent growth), and India with \$2.146 billion (18 percent growth) were the first five export destinations of Iranian goods in 1401, the official stated.

Latifi further announced that 37.18 million tons of non-oil commodities valued at \$59.655 billion were imported to the country during the past year, with a 10 percent drop in weight, and a 13 percent rise in worth, year on year.

The UAE with sales of \$18.395 billion (11 percent growth), China with \$15.744 billion (24 percent growth), Turkey with \$6.99 billion (15 percent growth), India with \$2.019 billion (80 percent growth), and Germany with \$2.019 billion (five percent growth), were the first five countries supplying goods to Iran in 1401, he stated.

The official went on to say that the country's non-oil trade reached 159.236 million tons worth \$112.821 billion in the previous year, with an 11.2 percent growth year on year.

7 Home Remedies for Chickenpox

Source: <https://www.healthline.com/health/home-remedies-for-chickenpox#see-a-doctor>

By: PARISA JAMADI

While there's no substitute for seeing your doctor, here are things you can do at home to help your child feel better if they have chickenpox.

Chickenpox basics

Chickenpox is a viral infection that causes itching and flu-like symptoms. While the varicella vaccine is 90 percent Trusted Source effective in preventing chickenpox, the varicella-zoster virus that causes chickenpox doesn't have a cure.

If you do get chickenpox, treatment involves managing symptoms until your body fights off the infection.

The disease most often affects children. Here are some kid-friendly remedies that can help you or your little one feel better until your immune system fends off the virus.

1. Apply calamine lotion

Calamine lotion can help reduce itching. This lotion contains skin-soothing properties, including zinc oxide.

Using a clean finger or cotton swab,

dab or spread calamine lotion on itchy skin areas. Note that you shouldn't use calamine lotion on or around chickenpox on your eyes.

2. Serve sugar-free popsicles

Chickenpox can also appear inside your mouth. This can be especially painful. Encouraging a child to suck on sugar-free popsicles can be a good way to soothe mouth sores. As a bonus, this allows your child to get more fluids and avoid dehydration.

3. Bathe in oatmeal

Oatmeal baths can be soothing and itch-relieving for chickenpox. Taking a bath won't spread the chickenpox from one area of your skin to another.

While you can purchase oatmeal bath products at most drugstores, you can also make your own oatmeal bath using the following steps:

- Use one cup of oatmeal for an older child or 1/3 cup for a baby or small child. You can use a food processor or coffee grinder to make the oatmeal

flakes very small. Placing oatmeal in a muslin bag or pantyhose can also work.

- Draw a bath of warm (not hot) water. Place one tablespoon of ground oatmeal into a glass of warm water. If the oats appear to be absorbing water and turning the water a milky shade, the oatmeal is finely ground enough.

- Place the oatmeal or bag of oats into the bath. Soak for no more than 20 minutes.

You may also apply oatmeal lotions to skin. This can have a soothing and moisturizing effect on itchy chickenpox blisters.

4. Wear mittens to prevent scratching

Scratching your blisters may be tempting, but it can worsen your discomfort and expose your skin to infection.

To prevent the temptation to scratch at night or during naptime, put mittens or soft socks over your child's hands. Trimming your child's fingernails so they won't damage affected areas can also help.

5. Take baking soda baths

Another itch-relieving option to add to a bath is baking soda. Add one cup of baking soda to a shallow, lukewarm bath. Soak for 15 to 20 minutes. Your child can take up to three baths a day if they find this approach soothing.

6. Use chamomile compresses

The chamomile tea in your kitchen cabinet may also soothe itchy chickenpox areas. Chamomile has antiseptic and anti-inflammatory effects Trusted Source when applied to your skin.

7. Give approved pain relievers

If your child's chickenpox blisters are especially painful or if you child has a fever, you may wish to give them medication.

It's important not to give a child or teenager aspirin, as they are at increased risk for a condition called Reye's syndrome if they take aspirin during or when they're recovering from an infection like chickenpox. Instead, medication like acetaminophen (Tylenol) can

exchanges, and the most important one. The other three ones are Iran Mercantile Exchange (IME), Iran Energy Exchange (IRENEX), and Iran's over-the-counter (OTC) market, known as Iran Fara Bourse (IFB).



Israel carries out fresh attacks on Syria as it continues to struggle in Gaza

The Israeli regime has targeted new areas on Syrian soil, marking its latest attempt to spread its war in Gaza as it struggles to inch closer to defeating Hamas in the besieged territory.

Local media on Monday reported Israeli airstrikes on a number of sites south of the capital Damascus. Syria's Defense Ministry said several civilians were killed or injured. The projectiles were fired from the occupied Golan Heights.

Some reports initially suggested that Iranian military advisors were among the victims who lost their lives during the Israeli attacks. Iran's ambassador to Syria, however, rejected the claims.

"In today's airstrikes by the Zionist regime's warplanes on the southern outskirts of Damascus, no advisory center of the Islamic Republic of Iran was targeted, nor were any Iranian citizens or advisors martyred. The blind attacks of the Zionists will not disturb the determination of the Axis of Resistance," Ambassador Hossein Akbari said.

Following Israel's lackluster ground offensive into the Gaza Strip, the regime has been trying to save face by assassinating resistance members outside the Palestinian territories. It targeted the home of a senior Islamic Revolution Guards Corps advisor near the Syrian capital in December. The regime also assassinated five IRGC advisors in Damascus earlier this month.



Iran, Syria discuss security challenges during high-level meeting

During his visit to Syria, Majid Mirahmadi, the deputy interior minister for security and police affairs, held substantial discussions with Syrian Minister of Interior Mohammad Khaled al-Rahmoun on Sunday.

The talks centered on the strong strategic ties between Iran and Syria, highlighting unwavering support from Iran's leadership and its people across various domains. The agenda delved into the deepening of bilateral relations, with a specific focus on countering terrorism, fighting cybercrime, and the exchange of experiences in different domains. Security matters took center stage in these conversations as both sides explored the multifaceted connections between the two nations.

Mirahmadi provided a comprehensive overview of Syria's security landscape, addressing issues such as the fight against occupation, counter-terrorism efforts, and recent developments in the



confrontation against the Zionist regime. He emphasized Iran's enduring support for Syria, particularly during challenging periods, underlining the intertwined resilience of Iranian and Syrian martyrs. The talks shed light on transformations in the strategic landscape of the region, with the Zionist regime facing unprecedented challenges despite unwavering support from the United States and Western allies.

Commending Hezbollah's pivotal role and unwavering determination on the battlefield, Mirahmadi acknowledged the legitimacy of the Resistance in Iraq against the U.S. and the Zionist regime. The discussions extended to the legitimate attacks by the Zionist regime on the resilient people of Gaza, prompting a call for an end to such assaults. Mirahmadi praised Yemeni Resistance Movement Ansarullah's impactful actions and leadership in the Red Sea.

In conclusion, the discussions empha-

sized Syria's crucial role in the Resistance Front, citing substantial victories and successful navigation through economic warfare and sanctions under the leadership of President Bashar al-Assad. Mirahmadi affirmed the Islamic Republic's courage across various arenas, dismissing any unfounded attribution of attacks by Yemeni fighters to the Islamic Republic of Iran.

"These Resistance fighters take full responsibility for their actions, boldly acknowledging their role and showing no fear of threats from their adversaries," the deputy interior minister stated.

US President Joe Biden and UK Foreign Secretary David Cameron have blamed Iran for Sunday's attack near the border with Syria that killed three US military personnel and injured dozens of others. The drone strike on Tower 22, a logistics support base, marked the first loss of American life by enemy fire since the start of the war in Gaza.

Israel main key to lingering of Gaza War: diplomat

Foreign Ministry spokesman Nasser Kanaani said on Monday that the Israeli regime plays a key role in lingering the onslaught on Gaza and is the sole cause of the ongoing bloodshed in the enclave.

"The Gaza Strip has witnessed the most brutal attacks by the occupying regime... The crisis in the region is the outcome of the continuation of war crimes by the Zionist regime," Kanaani told a press conference as the U.S.-backed genocide in the besieged Gaza Strip entered its 115th day.

"Unfortunately, the international community and the United Nations Security Council failed to fulfill their duty in ending the crisis due to the United States' unconstructive action," he said, adding, "Iran is interested in strengthening stability in the region." Alluding to the remarks by the Leader of the Islamic Revolution urging the Muslim community to sever its vital political and economic ties with the Israeli regime, the spokesman said the Muslim world has a sizable capacity to counter the Tel Aviv regime and should not wait for the international bodies to take decisive measures.

The occupation Israeli regime initiated its raucous and bloodiest crackdown on Gaza following a surprise attack on southern Israel by Hamas on October 7.

The relentless attack on Gaza has so far left more than 27,000 Palestinians, mostly women and children, dead.

"**Tehran opposed to escalation in**

regional tension"

Kanaani also reminded the Israeli regime of the dire ramifications of its onslaught on Gaza that have led to the spread of regional instability.

"Iran's clear viewpoint is that stability in the region benefits all sides. There must be an end to the war crimes, the siege, and the evil policy of displacing the people of Gaza," he averred.

"We do not want tensions with any side, not even with the US. We should look at the issues in the region realistically."

'Tehran-Baghdad ties premised on firm grounds'

Elsewhere in his remarks, he noted that Tehran's ties with Baghdad are unbreakable which are premised on firm and stout grounds.

Kanaani went on to say that the two neighboring countries are committed to widening their ties in all spheres.

Valiant ICJ decision is the first step in combating Israel's onslaught in Gaza

Given the recent ruling issued by the International Court of Justice, he said that the matter has stolen the limelight from all other international organizations and countries.

Decrying crimes perpetrated by the regime, Kanaani regarded the valiant decision of the ICJ as the first step in combating the onslaught of Israel in Gaza.

"We hope that the ICJ will take the final step in condemning the Zionist regime," the spokesman added.

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راه اندازی برج نوآوری دانشگاه شهیدبهبشتی در راستای ارتباط صنعت و دانشگاه؛

فردی که در راه اندازی این مجموعه تلاش کرده اند، نقش وزحمات سوزناستاری معاون پیشین حوزه علم و فناوری ریاست جمهوری و همچنین علی اکبر صالحی را در راه اندازی این مجموعه قابل تقدیر دانست. وی ادامه داد: اگر یک دهه قبل یک استاد دانشگاهی قصد تاسیس شرکتی را داشت، تطبیق می شد و اقدام پسندیده های قلمداد نمی شد، اکنون اما با شروع جریان دانش بنیانی و امتیازاتی که به اساتید داده شده است، از اساتیدی که به این حوزه وارد می شوند حمایت می شود. رییس صندوق نوآوری و شکوفایی ریاست جمهوری با بیان اینکه، افتتاح این ساختمان ابتدای مسیری هوشمندانه برای همکاری هدفمند با یک ساز و کار دقیق و مشخص و الگوساز است، از دانشگاهیان درخواست کرد



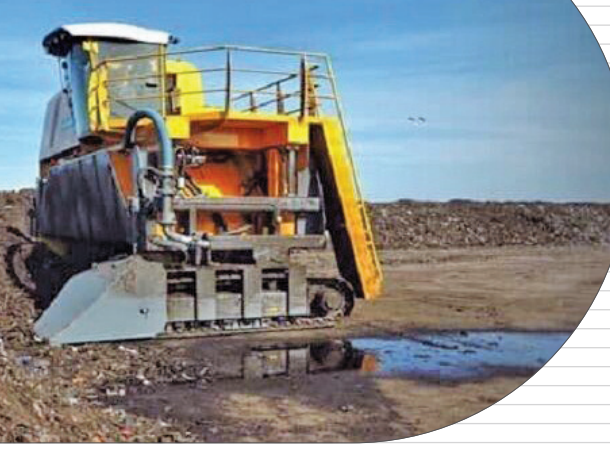
رییس صندوق نوآوری و شکوفایی ریاست جمهوری، راه اندازی برج نوآوری دانشگاه شهیدبهبشتی را یک اتفاق جدید در راستای ارتباط واقعی صنعت و دانشگاه دانست و گفت: افتتاح این ساختمان ابتدای مسیری هوشمندانه و الگوساز برای همکاری

نمایش فناوری های ایران باستان در نمایشگاه سیار موزه ملی علوم و فناوری همزمان با چهل و پنجمین سالگرد پیروزی انقلاب صورت می گیرد؛

شهرداری تهران در مجموعه ایوان ری میزبان نخستین نمایشگاه دانش آموزی روایت پیشرفت با عنوان ایران به پیش از تاریخ ۱۰ تا ۲۰ بهمن ۱۴۰۲ خواهد بود و موزه ملی علوم و فناوری ایران نیز نمایشگاه سیار خود را با معرفی فناوری های ایران باستان در حاشیه این نمایشگاه برپا می کند تا میزبان دانش آموزان مناطق مختلف تهران خواهد بود. بر اساس این گزارش، مراسم افتتاحیه این نمایشگاه روز سه شنبه ۱۰ بهمن

موزه ملی علوم و فناوری ایران به مناسبت چهل و پنجمین سالگرد پیروزی انقلاب اسلامی در حاشیه نمایشگاه دانش آموزی «ایران به پیش از تاریخ» در شهر ری و به میزبانی مجموعه ایوان ری، از سه شنبه (۱۰ بهمن) نمایشگاه سیاری برپا خواهد کرد. به گزارش گروه علم و آموزش ایرنا از موزه ملی علوم و فناوری ایران، به مناسبت دهه فجر و فرارسیدن سالروز پیروزی انقلاب اسلامی ستاد طرح شهید ارمان و مرکز فعالیت های دینی

دستاوردی دیگر از دانش بنیان ها؛ نخستین خودرو «ویندرو» خاورمیانه در ایران ساخته شد



مدیرعامل شرکت شهاب خودرو در خصوص ضرورت بومی سازی دستگاه «ویندرو ترنر» گفت: در دنیا، با توجه به کمبود منابع اولیه زمین و اهمیت مساله بازیافت، تکنیک های متعددی برای بازیافت زباله مطرح است و با روش های مختلف، اقلامی چون کاغذ، شیشه، پلاستیک و فلز را از زباله جدا کرده و بازیافت می کنند اما حجم زیادی از زباله های شهری را زباله های تر نظیر زباله های تولید شده در آشپزخانه، شامل پوست انواع میوه، پسماند غذایی و سایر زباله های تر تشکیل می دهد. به طوریکه گاهی درصد زباله تر به بیش از ۷۰ درصد می رسد؛ بنابراین بازیافت این حجم زباله، از اهمیت زیادی برخوردار است. تبدیل زباله تر به کود کمپوست که قابل استفاده در مصارف کشاورزی و باغداری است یکی از روش های

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رجی ادامه داد: با توجه به وجود حداقل ۱۰۰ شهر با جمعیت بالای ۱۵۰ هزار نفر در کشور، طی هفت سال آینده به حداقل ۱۷۶ سایت تولید کود کمپوست هر یک با ظرفیت زباله ورودی ۲۵۰ تن در روز، نیاز داریم که با استمرار این اقدام نیاز به بروز رسانی، نگهداری، تعمیر و تعریف خطوط در دراز مدت هم مطرح می شود. وی در خصوص مزیت ویندرو ترنر بومی شده نسبت به نمونه های مشابه خارجی گفت: از آنجا که این دستگاه ابعاد بزرگی دارد و فضای زیادی را اشغال می کند، حمل و نقل آن امری به غایت دشوار و پرهزینه است. بنابراین، مهم ترین مزیت بومی سازی آن، رفع مشکلات مربوط به حمل و نقل و خروج آرز و... است. نکته دوم اینکه تولید کنندگان این دستگاه در دنیا محدود هستند، ارائه خدمات پس از فروش ضعیفی هم دارد. تا آنجا که اکثر ویندرو ترنر وارداتی به دلیل نداشتن خدمات پس از فروش، عملاً بی استفاده باقی ماندند.

پروژه کمپوستینگ تکمیل شده و طی این عملیات عوامل بیماری زا از بین می روند اما با توجه به اینکه این دستگاه وارداتی است و تهیه آن از منابع خارجی به دلیل تحریم ایران بسیار مشکل و حتی غیرممکن شده است، اهمیت داخلی سازی «خودروی کمپوست ترنر خودران» بسیار زیاد است. وی با بیان اینکه خرید این دستگاه ۱۷ میلیارد تومان تمام می شود، گفت: خرید نمونه مشابه خارجی این محصول ۳۵ میلیارد تومان است و روی هر دستگاه چیزی حدود ۱۸ میلیارد تومان صرفه جویی ارزی داریم. مدیرعامل این شرکت خودرو سازی، ظرفیت تولید شرکت شهاب خودرو را در تولید این دستگاه، سالی ۱۲ عدد دانست و تصریح کرد: اگر حمایت شویم و تیراژ را بالا ببریم تا سالی ۵۰ عدد هم می توانیم تولید کنیم.

تعداد کاربر دارد، اظهار داشت: در شهرهایی که این سامانه پیاده سازی شده است، به تعداد شهروندانی که فعالیت عمرانی و ساختمانی دارند، کاربرد دارد. مرتضوی با بیان اینکه سامانه پسماند ساختمانی و عمرانی نمونه مشابه خارجی ندارد، گفت: در کشورهای دیگر افراد شخصا برای پردازش این پسماندها در سایت های مرتب، نام و هزینه این پردازش را پرداخت می کنند، به همین دلیل، طراحی سامانه ای برای مدیریت پسماندهای ساختمانی چندان موضوعیتی ندارد، با این حال، در دبی، برزیل و آمریکا نرم افزارهای مشابهی وجود دارد که در واقع، ERP (سیستم برنامه ریزی منابع سازمان) هستند و با سامانه ای که ما طراحی کرده ایم تفاوت دارد. وی در خصوص اهمیت طراحی چنین سامانه ای در کشور گفت: ما تقریباً ۱۲۰ میلیون تن پسماند عمرانی و ساختمانی داریم که بیش از ۴۰ درصد آن به صورت غیر مجاز تخلیه می شود. با بهره گیری از این سیستم، هزینه سالانه پاکسازی پسماند عمرانی و ساختمانی تا ۹۰ درصد حذف می شود که در مورد شهرهای بزرگ صرفه جویی بسیار قابل توجهی است.

حالا بهره برداری است. این سامانه، بر اساس استانداردها و نیازهای ارائه شده در این مستندات، اقدام به اجرایی کردن فرآیندهای مدیریت پسماندهای ساختمانی و عمرانی به صورت مکانیزه و هوشمند کرده است و در این راستا، سه ماژول یکپارچه ام از نسخه تحت وب مدیریت خاک و نخاله عمرانی و ساختمانی، نسخه تحت وب پیمانکار و شهروند و نسخه اپلیکشن اندروید، یازار سین را طراحی کرده است. بر اساس گزارش معاونت علمی، فناوری و اقتصاد دانش بنیان ریاست جمهوری، سید مجتبی مرتضوی مدیرعامل شرکت هیگوسافت از جمله اهداف استقرار سیستم مدیریت هوشمند پسماندهای عمرانی و ساختمانی را گزارش گیری متنوع، کامل و سریع از جهات مختلف کاربردی برای مدیران سازمان های پسماند، ایجاد بانک اطلاعاتی به روز از خودروها و پیمانکاران عضو و غیر عضو، ارتباط با سیستم نرم افزاری شهرداری ها در بخش های مختلف مانند شهرسازی (معروف به سیستم «اسرا») یکسان سازی روندهای سازمان های پسماند در این بخش با توجه به قانون های ایجاد شده، استفاده از اختیارات قانونی سازمان های پسماند، ایجاد بستر همکاری بین اعضای طرف قرارداد

یک شرکت دانش بنیان موفق به طراحی و تدوین سامانه مدیریت هوشمند پسماندهای عمرانی و ساختمانی شد که هزینه پاکسازی پسماندها را تا ۱۰ درصد کاهش می دهد. به گزارش گروه علم و آموزش ایرنا، فعالیت های ساختمانی و عمرانی در هر جامعه امری اجتناب ناپذیر بوده و میزان آن رابطه مستقیم با وضعیت اقتصادی و اجتماعی آن جامعه دارد. مدیریت پسماندها (ناشی از تخریب، ساخت و ساز ساختمانی و عمرانی) به دلیل حجم بالای تولید و ظرفیت آلایندی، جزو لاینفک مدیریت پسماند شهری است. از این جهت، شهرداری ها باید در راستای وظایف محوله بر اساس قانون مدیریت پسماندها مصوبه سال ۱۳۸۳ مجلس شورای اسلامی و این نامه اجرایی مصوب هیات دولت و شیوه نامه ابلاغی از سوی سازمان شهرداری ها و دهیاری های وزارت کشور، نسبت به مدیریت پسماندهای عمرانی و ساختمانی اقدام کنند. شرکت مهندسی هیگو، سال ۹۴ نرم افزاری را طراحی و پایلوت آن را طی ۲ سال در شهر قم احداث و نتایج آن را در نرم افزار رفع کرد و در حال حاضر این سامانه در نقاط مختلفی همچون کرج، اصفهان، رشت، شیراز، تهران، ساوه، کاشان و خمین مستقر در

کاهش ۹۰ درصدی هزینه پاکسازی پسماندهای ساختمانی با سامانه مدیریت هوشمند ایرانی