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## **India Food Expo to Be held in Lucknow | Uttar Pradesh | 29 Oct 2022**

### **Why in News?**

Happened on October 28, 2022 at Vinayak Plaza, Maldahiya in Varanasi, In the meeting of Indian Industries Association, National Chairman of Food Processing Committee of IIA Deepak Bajaj told that India Food Expo will be organized by Indian Industries Association from November 2 to 4 at Indira Gandhi Pratishthan in Lucknow.

### **Key Points**

- Deepak Bajaj said that the India Food Expo will be organized for three days, in which the entrepreneurs related to food processing will be given information related to it and more than 100 entrepreneurs from 45 cities of Uttar Pradesh including Purvanchal will participate.
- This is the country's largest expo of food processing machines and food processing technology and will be attended by hoteliers, restaurant operators, bakery products manufacturers from nearby districts including Banaras.
- Various stalls of ODOP will be set up under MSME in India Food Expo and new innovations on food processing technology, machines of the country and abroad have also been included in it.

In connection with the India Food Expo, Rk Chaudhary, National Vice President of The Indian Industries Association, asked the government to ease the process of various licenses used in industries such as fire, pollution etc. and release the grant amount of textile policy 2017, so that industries can run smoothly.

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## **Asia's First Pathogen Reduction Machine in Lucknow | Uttar Pradesh | 29 Oct 2022**

### **Why in News?**

Recently, Uttar Pradesh Chief Minister Yogi Adityanath launched Asia's first pathogen reduction machine in the Department of Transfusion Medicine along with the Department of Thoracic Surgery and Vascular Surgery at King George's Medical University (KGMU) in Lucknow.

### **Key Points**

- It is noteworthy that there are many impurities in the blood, which are not detected in most of the tests and if this impure blood is transfused to a patient, he can get infections like sepsis.
- Asia's first pathogen machine has been started to prevent this infection, which can remove 4 units of blood impurities in just 15 minutes.

- With this machine, any type of infection in platelets and plasma can be eliminated in the early stages, which will prove to be very beneficial for organ transplant or patients with weak immunity.
- About 200 such bacteria, fungi, protozoa, including dengue, swine flu, chikungunya, cytomegalo virus, etc., can live in the blood of the donor and spread the infection by going into the blood of the donor. This machine can eliminate these infections.
- According to Dr Tulika Chandra, chairperson of kgmu's transfusion medicine department, four different blood units are kept in the kit of Pathogen, which completely purifies the blood unit by removing all types of bacteria in the blood unit in 10-15 minutes through the aldrylate emuminator.
- According to Dr. Tulika Chandra, Head of the Department of Transfusion Medicine, KGMU Four different blood units are kept in Pathogen's kit, which completely purifies the blood unit by removing all types of bacteria from the blood within 10-15 minutes through the ultraviolet immunometer in the blood unit.

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