



---

## **A total of 23 Proposals were approved in the U.P. Cabinet Meeting | Uttar Pradesh | 29 Jun 2023**

### **Why in News?**

On June 28, 2023, the Cabinet meeting held at Lok Bhawan in Lucknow under the chairmanship of Uttar Pradesh Chief Minister Yogi Adityanath approved a total of 23 proposals, including passing the proposal regarding the state's new township establishment policy.

### **Key Points:**

- In the meeting, approval was given for establishing Maharishi Mahesh Yogi Ramayana University in Ayodhya under the Uttar Pradesh Private University Act-2019.
- Other vital proposals in the meeting, which have been approved-
  - Small colonies will be set up in small cities with the help of the private sector.
  - Proposal to celebrate Traders' Welfare Day on June 29.
  - Mahatma Buddha University of Agriculture and Agricultural Technology, Kushinagar proposed.
  - Jagat Guru Ram Bhadracharya Handicapped University, Chitrakoot proposed to be converted into Uttar Pradesh Jagat Guru Ram Bhadracharya Handicapped State University. Vice-Chancellor Jagadguru Rambhadracharya will be the Chancellor for life and the Governor will be the Chancellor after him.
  - Proposal regarding health facilities based on Viability Cap Fund in 6 districts.
  - Proposal for land transfer for the establishment of Intro Israel Excellence of Food in the Kaushambi district.
  - Chief Minister proposes micro-entrepreneur accident insurance. Under this, financial services up to Rs 5 lakh will be available. For this, entrepreneurs of 18 to 60 years can apply.
  - Helicopter service proposed in Agra and Mathura.
  - Mathura sugar mill proposed to be restarted.
  - It is proposed to plant 35 crore trees in the state in the plantation campaign 2023.



---

## IMS BHU prepared Herbal Antibiotic | Uttar Pradesh | 29 Jun 2023

### Why in News?

According to information received from the media on June 28, 2023, the Faculty of Ayurveda of The IMS, BHU, Banaras, Uttar Pradesh, has prepared herbal antibiotics in place of ineffective antibiotics to protect against severe infections.

### Key Points:

- The herbal antibiotic has been prepared by the entire team led by Dr. Priya Mohan along with Prof. Anand Chaudhary in the Department of Chemistry and Pharmacology of the Faculty of Ayurveda, BHU.
- It has been tested on bacteria in the lab of the Microbiology Department. It has been more effective on 'Gram Negative' bacteria. After this, two phases of the trial are still pending. If it is successful, the herbal antibiotic will prove to be a lifeline for the whole world.
- Two types of bacteria have been taken in BHU's Microbiology lab. Its effect was seen differently on Gram Positive (thick cell) and Gram Negative (thin cell). Scientists found that Gram Negative had more effect.
- Gram-negative bacteria are more resistant to antibodies. The effect of herbal medicines on this has raised great hope.
- It is known that Silver Solorac is considered an antibiotic. In addition to Silver Base in herbal antibiotics, there are Neem, Vat, Giloy, and Krishna Tulsi.
- Prof. Anand Chaudhary said that it will be done in two phases. It is expected that in a year it will be given a final touchup. After this, the patent will be sent to the Facilitating Center (PFC) for the patent.

- Senior physician Dr. Manoj Srivastava said that people start treatment on their own when there is a problem of respiratory tract infection, cold, sore throat, sinus, pneumonia as well as ear, and chest pain. People take antibiotic tablets from medical stores and swallow them. They do not know that their health has worsened due to the virus, which will be fine only by taking their time.
- It acts as a 'poison' when eating antibiotics for viral infections. It also destroys the good bacteria that fight infection in the body. This gives dangerous bacteria a chance to dominate the body. Also, the bad bacteria get ready to survive the antibiotics. Then there is no effect of medicines on the body.
- According to Professor Dheeraj Kishore of the Department of Medicine at IMS BHU, antibiotics are used in the treatment of bacterial infections. Antibiotic is made up of two words 'anti' and 'bios', which means 'anti-life'.
- That is, these medicines destroy bacteria and prevent them from growing, but bacteria are not the cause of every disease. In such a situation, people take medicines on their own when they are sick. And in rural areas, Quack Doctors also recommend antibiotics for viral infections, which is completely wrong.
- Some important information-
  - According to the medical journal 'The Lancet', in 2019, there were 12.70 lakh deaths in the world due to reduced antibiotic effects.
  - According to the World Health Organization, antibiotic resistance is one of the biggest threats to global health, food security and development.
  - According to the World Health Organization, the increasing number of infections such as pneumonia, tuberculosis and salmonellosis are becoming increasingly difficult to treat as the antibiotics used to treat them become less effective.
  - A senior scientist of the Indian Council of Medical Research (ICMR) has claimed that if steps are not taken to improve it in India soon, anti-microbial resistance can take the form of an epidemic in the near future. This resistance is increasing at the rate of five to 10% every year.



---

## **Country's 1st Canine Centre for Research on Dogs to be built in Bareilly | Uttar Pradesh | 29 Jun 2023**

**Why in News?**

According to information received from the media on June 26, 2023, the country's first Canine Centre will soon be built at IVRI in Bareilly, Uttar Pradesh, to study the behaviour of dogs and various diseases related to them.

### **Key Points:**

- The Indian Council of Agricultural Research (ICAR), Delhi has approved this Advanced Research Centre for Canine Project.
- It is known that dog bites are often reported in different parts of the country including Bareilly. Many times pet dogs become aggressive towards their owner. In such a situation, the need was felt for a research centre on dogs, in which research on their behaviour and diseases could be done.
- IVRI Bareilly prepared a DPR and sent it to ICAR Delhi, which has been approved. In the next two months, the construction and other works for this project will start at IVRI Bareilly.
- Dr. Amar Pal, in-charge of the referral polyclinic of IVRI Bareilly, said that detailed research will be done on the internal and external structure of dogs in the canine centre. Also, there will be research on diseases like cancer in dogs.
- The canine centre will have facilities for CT scan, MRI, tumour, radiotherapy, Hi-tech pathology etc. The main centre of the centre will be IVRI and three sub-centres will also be set up.
- Director of IVRI Bareilly, Dr. Triveni Dutt said that this centre will be equipped with all the facilities. The work will be done on dogs' breed, their diseases and vaccines etc. here.

