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Indian Road Congress to be held in Lucknow

Why In News?

On 30 September 2022, Uttar Pradesh Chief Secretary Durga Shankar Mishra reviewed the preparations for the 81st Annual Convention of the Indian Road Congress (IRC) to be held at Indira Gandhi Pratishthan, Lucknow from 8 to 11 October.

Key Points

- It is worth noting that the last such event was held in Lucknow in 1985, which was the Golden Jubilee session of the IRC.
- In this session, IRC will discuss the introduction of new technology and maintenance of roads. Road sector experts from various institutes in the country and abroad will present their research papers on new and low cost technologies and other issues related to this field.
- It is known that the Indian Road Congress (IRC) is the apex body of highway engineers in the country. The IRC was established in December 1934 on the recommendations of the Indian Road Development Committee, popularly known as the Jayakar Committee, set up by the government. Its aim is to develop roads in India.
- The IRC was formally registered as a society under the Societies Registration Act, 1860 on September 24, 1937.
- Established in 1934 with 73 members, the IRC currently has over 50 lakh affiliates (direct/indirect) and over 17,300 registered members, including central and state governments, public sector, research institutes, local bodies, private sector, recipients Engineers and practitioners from all stakeholders of the road sector from multilateral and institutional organizations such as contractors, consultants, equipment manufacturers, machinery manufacturers, material manufacturers and suppliers, industrial associations, World Bank, ADB, JICA, JRA, IRF etc.

Swachh Survekshan 2022: Ghaziabad Got First Place in The State and 12th in The Country

Why In News?

In the Swachh Survekshan 2022 ranking released on October 1, 2022, Ghaziabad has secured the first position in the state and 12th in the country, leaving behind Lucknow, the capital of Uttar Pradesh among cities with a population of more than one million.

Key Points

- This is Ghaziabad's best ranking till date. Earlier in the year 2021, Ghaziabad was ranked second in Uttar Pradesh and 18th in the country. Ghaziabad, with a population of more than 16 lakhs, has got a three-star rating and has been declared as ODF Plus.
- Ghaziabad is followed by Meerut, Prayagraj, Lucknow, Varanasi, Agra and Kanpur among cities with a population of more than 10 lakh.
- Only Ghaziabad and Meerut are included in the top 15 clean cities of the country in 75 districts of Uttar Pradesh. Ghaziabad is at number 12 and Meerut is at number 15. At the same time, Indore remained at number one.
- Similarly, in the city with a population of one lakh to 10 lakh, Noida is fifth in the country and number one in the state. Aligarh is second, Mathura third, Firozabad fourth and Gonda fifth. Apart from Noida, Aligarh and Mathura, no city has been able to make it to the top 100 in the cities with a category of one lakh to 10 lakh.
- Uttar Pradesh's position in the overall ranking has worsened compared to last year. UP was ranked sixth in the 2021 survey, while Uttar Pradesh has been ranked 10th in the 2022 survey.
- Among cities with less than one lakh population, Bijnor got the first position in the best Ganga city, while Varanasi got the second place among Ganga cities with a population of more than one lakh.
- Lucknow Cantonment Board has been selected in the Best City for Innovation and Best Practices.
- Principal Secretary Urban Development Amrit Abhijat said that the state has received a total of 13 awards this year. These include three municipal corporations, four municipal councils and three Nagar panchayats. These include Municipal Corporation Lucknow, Kanpur Nagar and Meerut.

Note:

Proposal to Invest Rs 19,000 crore in Uttar Pradesh's Green Energy Sector

Why in News?

On October 3, 2022, official sources in the Uttar Pradesh government informed that private sector firms have proposed to invest around Rs 19,000 crore in the state's green energy sector.

Key Points

- The proposals include investment proposals of about Rs 13,000 crore and Rs 5,900 crore in various renewable energy projects by Greeno and JSW Group respectively. For the first time Uttar Pradesh government has received such a huge investment proposal in the domestic green energy sector.
- According to official sources, the state is aligning with the Centre's broad target of achieving 450 gigawatts (GW) in renewable energy and 500 GW in non-fossil energy capacity by 2030. This is part of India's commitment to meet its international climate and green energy goals.
- Green energy will play a major role in reducing carbon emissions and preventing environmental pollution in the future.
- For the mega UP Global Investors Summit 2023 next year, the state government is making all efforts to woo private sector companies in many sectors, including green energy. The state is targeting Rs 10 lakh crore in fresh investment proposals from domestic and multinational companies (MNCs) in January 2023.
- To give momentum to the summit, the state has planned roadshows in major countries including the US, UK, Canada, UAE, Sweden, Singapore, Netherlands, Israel, France, Germany, South Korea and Australia.
- The state claims that in the last six months, they have received investment proposals worth Rs 45,000 crore from 55 private sector companies, including multinational companies. These include projects in the green energy sector.
- The Cossi's Group has proposed to invest Rs 6,000 crore in green mass transit projects, while Varun Beverages will invest around Rs 3,600 crore in four different beverage projects. Similarly, JK Paints and Kyyan Distilleries will invest Rs 600 crore and Rs 500 crore respectively in their projects.

- The Information Technology (IT) and Electronics sector has received maximum investment proposals of about Rs 95,000 crore in the last five years. These include seven projects in the data center space with a total investment profile of around Rs 20,000 crore. Of these, five projects have been approved, the remaining two are expected to get the nod of the state cabinet soon.

International Abhidhamma Day

Why In News?

On October 5, 2022, the Ministry of Culture of Uttar Pradesh informed about the International Abhidhamma Day event to be held on October 9 at Gautam Buddha University (GBU) in Greater Noida, the state.

Key Points

- According to the information, the International Abhidhamma Day program will be organized by the Ministry of Culture of the state government.
- Representatives and ambassadors from around 20 countries, followers of Buddhism, are expected to attend the event and Gautam Buddha University (GBU) Chancellor and state Chief Minister Yogi Adityanath will also attend the event.
- Delegates from Vietnam, Laos, Cambodia, Thailand, China, South Korea, Bhutan, Taiwan, Romania, Korea, Afghanistan, Nepal, Mongolia, Myanmar, Sri Lanka and the United States may participate on the occasion of International Abhidhamma Day. Most of the students from these countries come to study in Gautam Buddha University.
- After becoming the Chief Minister of Uttar Pradesh, Yogi Adityanath made his first foreign trip in 2017 to Myanmar (Burma), a follower of Buddhism.
- Significantly, the only university in the country named after Lord Buddha is in Gautam Buddha Nagar district. Along with the state, Buddha studies are taught in various universities of the country, but the most trend of foreign students is about Gautam Buddha University. At present, students from 15 countries visit Gautam Buddha University every year for Buddhist studies.
- Gautam Buddha University is also a center of Buddhist in NCR. The centre of Buddha Studies was earlier in Delhi, but due to various courses conducted at Gautam Buddha University, BA, MA, PhD in Buddhist Studies

Note:



with Buddha Faculty, Diploma Certificate Course in Buddhist Tourism, Pali Language and Literature, students are more inclined towards it.

- It is known that Abhidhamma day is actually a three-month rain retreat (symbolising the end of Varsavasa or Vasa) for Buddhist monks, during which they stay in one place and pray. Abhidhamma Day is mostly celebrated in countries where the majority of the population is the followers of Buddhism. According to the belief, on this day Lord Buddha returned from heaven to earth.

Three Police Stations in Varanasi Commissionerate in IGRS Police Station Ranking

Why In News?

On October 7, 2022, Varanasi Police Commissioner A. Satish Ganesh said that in the ranking of IGRS police stations, three police stations of Commissionerate Varanasi have come first in the state by scoring 100 percent marks.

Key Points

- According to Police Commissioner A. Satish Ganesh, Sigra, Adampur and Dashashwamedh police stations of Commissionerate Varanasi have got the first place in the IGRS disposal ranking. The in-charges of these three police stations will be honoured with citations.
- The Commissioner of Police said that the reasons for the poor ranking of the three police stations - Kotwali, Chitampur and Tourist - which come at the very bottom of the IGRS ranking - will be reviewed by a DCP level officer. Action is also fixed against the in-charge of the police station if negligence is found. Warning notices have been issued to all the three in-charges.
- Varanasi police stations are at the top across the state in time-bound and quality disposal of complaints received on the Uttar Pradesh government's online grievance system Jan-Sunwai portal.
- The COMPLAINTS received from the Public Hearing Portal is forwarded online to the concerned police stations by the IGRS cell formed in the police office. The police station in-charge sends the investigation of the references received to the concerned according to the time given online. The complaints received on

the Jan-Sunwai portal are addressed by the officers and staff of the IGRS cell.

Central Government Approves Eight New Projects for Uttar Pradesh

Why In News?

On October 7, 2022, an official spokesperson of Uttar Pradesh informed that the central government has approved eight new projects, including sewerage management, in the state under the National Mission for Clean Ganga Project.

Key Points

- The spokesperson said that in the 45th meeting of the Executive Committee of the National Mission for Clean Ganga, four projects for sewage management have been approved, including one in Varanasi.
- The project also includes construction of 55 MLD capacity STP for exploitation of **Assi Nullah**. The total estimated cost of the project is Rs 308.09 crore.
- A government spokesperson said the Varanasi project aims to achieve the target of zero untreated discharge from three drains — Assi, Samne Ghat and Nakhi.
- Other projects include construction of 13 MLD STPs and renovation of existing structures. These Mathura-Vrindavan projects envisage blocking and diversion of 11 drains polluting the Yamuna river. Sewage treatment plants (STPs) will be constructed at Vrindavan and Kosi Kalan in Mathura.
- A mega project to set up Bio-diversity Parks in four districts- Hapur, Bulandshahr, Budaun and Mirzapur has also been approved. These are Mohanpur Biodiversity Park in Mirzapur, Ramghat Biodiversity Park in Bulandshahr, Alamgirpur Biodiversity Park in Hapur and Ujhani Biodiversity Park in Badaun.
- The spokesman said that these four places are located on the flood plains of river Ganga. The proposed parks are part of the reserve forests along with the floodplains of the Ganga and will play an important role in rejuvenation of the river and biodiversity conservation.
- Bio-diversity parks will provide unique landscapes to the forest with a combination of native plant and animal species, creating self-sustaining biological

Note:



communities created in an area. The overall outcome of Ganga bio-diversity parks will help maintain ecosystem services, bio-diversity and rejuvenation of river Ganga at basin scale.

One horticulture model village will be developed in every development block of Uttar Pradesh

Why in news?

On October 9, 2022, State's Minister of State (Independent Charge) for Horticulture and Agriculture Exports, Dinesh Pratap Singh said to develop one horticulture model village in each development block with the aim of taking horticulture development programmes to all gram panchayats of the state while directing the officers during the departmental review meeting through video conferencing at Udyan Bhawan, Lucknow.

Key Point

- The Minister of State for Horticulture and Agriculture Exports informed that each model village will be inspected by deputy director and DHO level officers. Also, flex boards will be installed outside the model village for information. This board will show that the concerned village has been marked as model village.
- He directed that in order to increase the potato, seed, production program on the vacant fertile land of the department, a register should be maintained for the assets with full details of the departmental farms and production units. He said that such land and buildings of the Horticulture Department, which are not mentioned in the records of revenue, should be made to be marked.
- He directed that under the innovative programs, emphasis should be laid on increasing qualitative production by expanding the area of crops like dragon fruit, strawberry etc. Farmers should be encouraged to set up cold rooms near the mandi.
- He directed that under 'Per Drop-More-Crop', districts with low progress should be reviewed by giving them week-wise targets. Rabi crop seeds should be distributed by October 20.
- Agriculture Production Commissioner Manoj Kumar Singh directed the officers to integrate and develop all

dimensions of horticulture development as clusters by implementing departmental schemes more effectively. All deputy directors and horticulture officers should provide a report of the quantity of industrial crops being grown in their district.

- In the review meeting, it was decided to establish a special center of excellence in Lucknow, Barabanki, Kanpur, Hapur and Pali House for the development of beekeeping.

Jagriti Yadav of Lucknow became UK High Commissioner for a Day

Why In News?

On October 10, 2022, 20-year-old Jagriti Yadav from Lucknow, Uttar Pradesh became the High Commissioner in the British High Commission for one day in India in the 'India edition of the High Commissioner competition for one day'.

Key Points

- The British Embassy said that Jagriti Yadav is the sixth winner of the India edition of the High Commissioner competition for one day.
- Jagriti Yadav spent a day as Britain's top diplomat in India after winning the sixth edition of the High Commissioner's Competition for a day. Jagriti also experienced a wide range of diplomatic activities, including meeting with various stakeholders. During this Jagriti also participated in many programs.
- It is known that this competition is organized annually since the year 2017. The aim of this competition is to empower women for the next generation.
- Along with Professor Ajay Kumar Sood, Principal Scientific Adviser to the Government of India, Jagriti also launched a book honoring 75 Indian women in STEAM (Science, Technology, Engineering, Arts and Mathematics).
- UK High Commissioner Alex Ellis said Jagriti is articulate and focused and showcases talent across India. As women grow, we all rise. The UK and India do a lot together to promote gender equality, including research and education. He told that this year 50 percent of Chevening Scholarship for India has been provided to women.

Note:

- It is noteworthy that the High Commission organizes a 'High Commissioner for a Day' competition every year to celebrate the International Day of the Girl Child (October 11). More than 270 girls from all over India had applied for this year's competition.

CM Yogi wins Indian of the Year Award

Why In News?

On October 12, 2022, Uttar Pradesh Chief Minister Yogi Adityanath was honored with the 'Indian of the Year Award' at the 'Indian of the Year Award' ceremony organized by the media group.

Key Points

- In the series of awards at the event, Chief Minister Yogi Adityanath has received this honor for his brilliant work in the politics category. However, Chief Minister Yogi Adityanath himself could not be present in this award ceremony. He dedicated this award to 25 crore people of the state.
- The Indian of the Year Award ceremony, organized by the media group, honored Indian personalities who have done inspiring work in categories such as entertainment, politics, sports, startups, social change and climate.
- Many big names were included in this category including Punjab Chief Minister Bhagwant Mann, Union Finance Minister Nirmala Sitharaman, Union Health Minister Mansukh Mandaviya.

New Tourism Policy of Uttar Pradesh Tourism Department

Why In News?

On October 12, 2022, Mukesh Meshram, Principal Secretary, Tourism Department, Uttar Pradesh, said that on the instructions of Chief Minister Yogi Adityanath, the state tourism department has prepared an attractive new tourism policy to promote tourism in the state.

Key Points

- It is known that in the draft tourism policy-2022 prepared by the department, many new areas have

also been included with the focus on making the state a trillion economy.

- In this policy, there is also a plan to develop the state as a destination for marital tourism, that is, tourist destinations of the state will now make marriage memorable. Hotels, forts and tourist spots will be developed to make the marriage of domestic and foreign couples memorable. For this, the help of wedding planners and event management companies will be taken.
- Keeping in mind the large number of foreign guests coming to Varanasi and Agra in India for the wedding every year, the department has prepared this blueprint.
- With the help of wedding planners and event management companies, Varanasi, Agra, Mathura-Vrindavan and Chunar, waterfall etc. will be developed as wedding destinations. Also, pre-shoot facility will also be given to couples for pre-wedding.
- There are many such historical heritage sites in the state which come under the forest department. In such a situation, the help of the Forest Department will also be taken to develop these places as wedding destinations.
- Suggestions will be sought from the event company to make the places where the most foreign guests come to tie the knot. Wedding destinations will also be listed and promoted online. The tourism department will also promote it at national and international forums.
- Tourism Principal Secretary Mukesh Meshram said that Uttar Pradesh is the best place for foreign couples to get married on the basis of royal chic and cultural heritage across the country. In such a situation, suitable places for wedding destinations are being identified in different cities of the state. The help of wedding planners and event management company will be taken to promote it.

Uttar Pradesh got the Category of Achievers in Logistics Ease

Why In News?

On October 13, 2022, Uttar Pradesh has got the category of achievers in the survey report of Logistics Ease Across Different States (LEEDS) released by the Department of Promotion of Industry and Internal Trade.

Note:

Key Points

- Apart from Uttar Pradesh, 15 states like Haryana, Punjab, Himachal Pradesh, Uttarakhand, Telangana and Andhra Pradesh have also been categorized as achievers in terms of logistic ease.
- Kerala, Madhya Pradesh and Rajasthan have got the category of states moving towards achievers.
- The states of Bihar, Jharkhand, West Bengal and Chhattisgarh have been included in the category of aspirational states.
- Leeds survey is conducted to create an environment of competition among states in the country regarding logistics facilities. The survey is conducted by collecting logistical accessibility, cost and other related data.
- It is known that recently the National Logistics Policy has also been released, so that the logistics cost in India can be brought down to **8-9%**.

Uttar Pradesh Electric Vehicle Manufacturing and Mobility Policy-2022

Why In News?

In the cabinet meeting chaired by Uttar Pradesh Chief Minister Yogi Adityanath on October 13, 2022, the Uttar Pradesh Electric Vehicle Manufacturing and Mobility Policy-2022 was approved to increase the trend of people towards electric vehicles (EVs) for environmental protection in the state and to attract manufacturers.

Key Points

- The Uttar Pradesh Electric Vehicle Manufacturing and Mobility Policy-2022 takes care of the interests of consumers, manufacturers and charging and battery swapping service providers. This policy will be effective for the next 5 years.
- Investors will be encouraged to set up at least 20 charging stations and five swapping stations in every district during the effective period of the policy. Apart from this, 'Invest UP' will be made the nodal agency for coordinating and facilitating investment for the construction of charging infrastructure.
- All approvals for the construction of charging infrastructure will be given on the recommendation of Invest UP, an authorized committee headed

by the Infrastructure and Industrial Development Commissioner.

- It is to be noted that in order to increase investment in the state, a budget of Rs 500 crore has been arranged in the new policy for EV manufacturing companies and battery and related equipment manufacturers as well as consumers.
- State Finance Minister Suresh Kumar Khanna said that the policy aims to attract investment of Rs 50,000 crore as well as provide indirect employment to 1 lakh people.
- Consumers will not have to pay road tax and registration fee for five years from the date of implementation of the new policy on the purchase of all categories of EVs made in the state, while all EVs purchased and registered in the state will get 100 percent rebate in road tax and registration fee for three years from the date of implementation of the policy.
- In this policy, it has also been decided to give a subsidy of 15 percent on factory price to EVs purchased in UP.
- The policy will provide capital subsidy at the rate of 30 per cent on the maximum project investment of Rs 1000 crore for the first two ultra-mega battery projects investing Rs 1500 crore or more to set up a minimum capacity battery manufacturing plant of one GW in the state.
- Apart from this, the policy will provide capital subsidy at the rate of maximum 30 percent to the first two integrated EV projects investing Rs 3000 crore or more to set up integrated manufacturing facilities of EV, EV batteries and related equipment, including research and development and testing facilities.

Paddy purchase Policy and formation of Uttar Pradesh Natural Farming Board

Why In News?

In the meeting of the Uttar Pradesh cabinet chaired by Chief Minister Yogi Adityanath on October 13, 2022, with the aim of providing relief to the farmers suffering from rains and floods, many exemptions for the agriculture sector including the announcement of 'Paddy purchase Policy' and the state Decision was taken to constitute 'Uttar Pradesh Natural Farming Board'.

Note:

Key Points

- According to Agriculture Minister Surya Pratap Shahi, the state cabinet has announced a new paddy purchase policy, under which the minimum support price for normal grade paddy has been fixed at Rs 2,040 per quintal and for A grade paddy at Rs 2,060 per quintal.
- The Agriculture Minister informed that the paddy purchase period is from October 1 to January 31 in Hardoi, Lakhimpur Kheri, Sitapur, Bareilly, Moradabad, Meerut, Saharanpur, Agra, Aligarh and Jhansi districts and Rae Bareilly, Unnao, Chitrakoot, Kanpur, Ayodhya, Basti. For Gorakhpur, Azamgarh, Varanasi, Mirzapur and Prayagraj, this period is from November 1 to February 28.
- He said that online registration is mandatory for paddy purchase and all purchases from farmers would be done on the basis of computer verified Khatauni and Aadhar card. Paddy will be procured by biometric authentication of farmers through electronic point of purchase machines at the purchasing centres.
- Paddy will be procured through 4,000 procurement centres of six agencies like food department, PCF, PCU, Mandi Parishad, UPS and Food Corporation of India.
- Paddy price will be paid by all purchasing agencies through PFMS portal of Government of India within 48 hours of purchase of paddy.
- The cabinet has also approved the proposal to prepare procurement policy for coarse cereals (maize and bajra) under the Price Support Scheme.
- Under this policy, the minimum support price of maize has been fixed at Rs 1,962 per quintal and the minimum support price of bajra at Rs 2,350 per quintal. The period for procurement of maize and bajra will be from October 15 to December 15.
- Maize Bulandshahr, Hapur, Badaun, Aligarh, Etah, Kasganj, Firozabad, Mainpuri, Hardoi, Unnao, Kanpur Nagar, Kanpur Dehat, Kannauj, Farrukhabad, Etawah, Auraiya, Gonda, Bahraich from Shravasti, Ballia, Jaunpur, Deoria, Sonbhadra and Lalitpur districts, while bajra from Bulandshahr, Bareilly, Badaun, Sambhal, Aligarh, Etah, Kasganj, Hathras, Agra It will be procured from Mathura, Mainpuri, Firozabad, Kanpur Dehat, Etawah, Auraiya, Ghazipur, Jalaun and Prayagraj districts.
- Farmer registration and online procurement have been made mandatory at all purchasing agencies for sale of maize and bajra. Maize and bajra will be procured from farmers on the basis of computer verified khatauni, photo identity proof and Aadhaar card.

- The Cabinet also approved the proposal for constitution of 'Uttar Pradesh Natural Farming Board' to increase the spread of natural farming in the state and to provide continuous guidance.
- The Chief Minister will be the chairman of the governing body of the Uttar Pradesh Natural Agriculture Board, while the Minister of Agriculture and Education will be the vice-chairman. Ministers of Finance, Agricultural Marketing, Horticulture and Food-processing, Animal Husbandry and Milk Development, Panchayati Raj and Rural Engineering, Cooperation, Micro, Small and Medium Enterprises departments will be the members of the governing body.
- Chief Secretary, Agriculture Production Commissioner and Principal Secretary or Additional Chief Secretary of Livestock and Milk Development, Horticulture and Food Processing, Agricultural Education, Agricultural Marketing, Panchayati Raj and Rural Development, Cooperation and Planning departments will be members.

Cabinet Approves New Textile and Apparel Policy

Why In News?

On October 13, 2022, the Uttar Pradesh cabinet, chaired by Chief Minister Yogi Adityanath, approved a new textile and apparel policy to attract private investment in this sector and ensure development of all units to make the state a textile hub.

Key Points

- The cabinet has approved the Uttar Pradesh Textile and Garmenting Policy-2022 and has authorized the Chief Minister to make any amendments in it.
- The main objective of the new policy is to establish the state as a global level garment manufacturing hub and sustainable development of all types of units related to the textile industry, such as handloom, powerloom, spinning, weaving, processing and apparel.
- The specific objective of the policy is to attract private investment of Rs 10,000 crore in the textile and apparel sector, create employment opportunities for five lakh people, develop five textile and apparel parks in the private sector and increase the income of handloom and powerloom weavers.

Note:

- Parliamentary Affairs Minister Suresh Khanna said that in the Textile and Apparel Policy-2022 of Uttar Pradesh, there was a provision to give special incentives to the units investing in the textile sector along with financial facilities in various items with the aim of attracting investments and generating employment.
- The policy will be effective for a period of five years from the date of promulgation. The policy will increase investment in the state and create three lakh job opportunities.
- Under the new policy, textile and textile units will be provided 25 percent capital subsidy on investment made on purchase of plant and machinery.
- Apart from this, additional capital grant will be reimbursed at the rate of 5 percent to the textile and clothing units to be set up in Madhyanchal region of the state and at the rate of 10 percent to the textile and clothing units to be set up in Purvanchal and Bundelkhand. The capital subsidy limit will be limited to Rs 100 crore per unit.

Uttar Pradesh Dairy Development and Milk Product Promotion Policy-2022

Why In News?

On October 13, 2022, in the meeting of the Uttar Pradesh cabinet chaired by Chief Minister Yogi Adityanath, the cabinet approved the 'Uttar Pradesh Dairy Development and Milk Product Promotion Policy-2022' by abolishing the Uttar Pradesh Milk Policy-2018.

Key Points

- The Uttar Pradesh Dairy Development and Milk Products Promotion Policy-2022 will be effective for five years from the date of notification.
- Its main objective is to encourage the establishment of milk-based industries in the state by simplifying the procedures for the convenience of investors. A capital investment target of Rs 5,000 crore has been set in the next five years to increase the level of milk processing.

- In the proposed policy, dairy units making new milk processing and milk products will be made available to various FPOs, cooperative institutions and private sector entrepreneurs of the state. Setting up of manufacturing units and capacity expansion (minimum 25 percent increase in existing capacity) has been proposed.
- Under the new policy, 1.25 lakh new jobs are estimated to be created directly and indirectly.

GI Mahotsav Inaugurated

Why In News?

On October 16, 2022, Union Minister of State for Culture and Parliamentary Affairs Arjun Ram Meghwal inaugurated the six-day GI Mahotsav organized by the Department of Promotion of Industry and Internal Trade at Deendayal Hastkala Sankul at Bada Lalpur in Varanasi, Uttar Pradesh.

Key Points

- The six-day GI Mahotsav showcases GI products from 11 states and 100 stalls of GI recognised products.
- Union Minister of State for Culture and Parliamentary Affairs Arjun Ram Meghwal said the GI Mahotsav aims to promote local products globally. GI products are a wonderful example of human-centric development and there should be human-centric development to make India a developed country.
- Kashi has been declared the cultural capital of the Shanghai Cooperation Organisation (SCO).
- Padmashree Rajinikanth informed that the registration of GI products has been done. Thandai of Banaras will be registered as 1000th product of GI.
- GI Utsav includes Terracotta of Gorakhpur, Wall Hanging of Ghazipur, Black Rice from Chandauli, Tricolor Barfi of Banaras, Glass Beads, Banarasi Zardosi and Wooden to Ware and Toy, Black Salt Rice of Siddharth Nagar, Ittar of Kannauj, Stone Craft of Gaya, Bhagalpur saris, Firozabad glass mosaics, Farrukhabad print dupatta stalls have been set up.
- Desavari of Mahoba and Magahi Paan of Bihar, painting of Madhubani, Sojat Mehandi of Rajasthan, Pashmina Shawl of Kashmir, Kohbar painting of Jharkhand were also the center of attraction.

Note:

CNG to be made from garbage in Lucknow, Ghaziabad, Prayagraj

Why In News?

On October 17, 2022, **Lucknow Municipal Commissioner Inderjit Singh** said that on the lines of **Indore**, orders have been issued to set up **CNG manufacturing plants from garbage** in three cities of the state - **Lucknow, Ghaziabad, Prayagraj**.

Key Point

- It is known that on the lines of Indore, there is a preparation to make CNG from wet waste in 4 cities of Uttar Pradesh. After approval to make CNG from garbage, CNG plants will be set up on **PPP model** in **Lucknow, Ghaziabad, Prayagraj, while Gorakhpur is also in the queue**.
- These will produce **34,000 kg of CNG per day** and **about 1,000 tonnes** of waste will be used daily to make it. This will save 3.65 lakh metric tonnes of waste from going to the garbage disposal plant.
- In Lucknow and Ghaziabad, the same company **Ever Enviro Resource Management Private Limited** will make CNG from garbage, while in Prayagraj, **Indo Enviro Integrated Solution Limited company** has been given the responsibility. These companies will have to set up plants at their own expense. No financial help will be given to them by the municipal corporation.
- Lucknow and Ghaziabad municipal corporations will give 12 acres of land each to the company on a lease of one rupee, while Prayagraj and Gorakhpur municipal corporations will have to give 10 acres each. The municipal corporation will also get royalty in lieu of this land. The CNG maker will pay Rs 74 lakh each to Lucknow and Ghaziabad and Rs 56 lakh each to Prayagraj and Gorakhpur Municipal Corporations.
- After the installation of CNG plants from garbage, these four cities will reduce 2.50 lakh tonnes of **Carbon Dioxide** and **Greenhouse Gases** daily.
- For Lucknow and Ghaziabad, 300 tonnes of wet waste will be used to make CNG, while plants in Prayagraj and Gorakhpur will use 200 tonnes of waste each daily. In this way, 34000 kg CNG will be generated from 1000 tonnes of waste daily in the four cities.
- The Committee of Secretaries of the government said that the municipal corporations will have to make a

way to the places where CNG plants will be installed and along with this, the municipal corporations will also have to provide electricity, water, street lighting, drainage and sewer facilities to the municipal corporation, which will also provide employment to 8000 people directly and indirectly in the plants.

- The organic manure generated from the CNG plant will be given to the farmers, which will be used for farming on the banks of Ganga and other rivers of the state. This will reduce the use of **chemical fertilizers** and **increase the fertility of the soil**. Also, the mixing of chemical fertilizers in the river water will also stop.

15 CHCs In Uttar Pradesh To Run On PPP Mode

Why in News?

On October 18, 2022, **Uttar Pradesh Deputy Chief Minister Brajesh Pathak**, who also holds the charge of the health department, informed that the **state government will run 15 community health centres (CHCs) in districts, including Lucknow, on a public-private partnership (PPP) basis**.

Key Point

- Deputy Chief Minister Brajesh Pathak said the CHC will have 24-hour emergency service, free admission, medicine and diagnostic services.
- The selected community health centres are Nagaram in Lucknow, Gajokhar in Varanasi, Khadanna in Kushinagar, Belaghat in Gorakhpur, Rajapur in Chitrakoot, Malhipur in Shravasti, Chandan Chowki in Lakhimpur Kheri, Vishwarganj in Bahraich, Bhogwara in Chandauli, Adanna Bazar in Maharajganj, Sukhpura in Ballia, These include Dapsaura in Fatehpur, Babhani in Sonbhadra, Khajuria in Balrampur and Sirsia in Siddharth Nagar.
- Deputy Chief Minister Brajesh Pathak said that this experiment will be a step towards ensuring better health facilities in the CHC and latest medical equipment will be installed there as per the requirement.

Uttar Pradesh Announces Textile and Apparel Policy

Why in News?

Recently, the Uttar Pradesh government announced the **Uttar Pradesh Textile and Apparel Policy** with an aim

Note:



to attract new investments and make Uttar Pradesh a hub of textile and apparel industry.

Key Point

- The Uttar Pradesh Textile and Apparel Policy was approved in a meeting of the Uttar Pradesh Cabinet chaired by Chief Minister Yogi Adityanath on October 13, 2022.
- Announcing the policy, **Micro, Small and Medium Enterprises Minister Rakesh Sachan** said the policy is employment oriented and aims to attract fresh investment of Rs 10,000 crore and create over 5 lakh new jobs.
- The main objective of the new policy is to establish the **State as a global level apparel manufacturing hub and sustainable development** of all types of units related to textile industry such as handloom, powerloom, spinning, weaving, processing and apparel.
- Minister Rakesh Sachan said the textile and apparel policy has been formulated after consulting all stakeholders and taking care of their concerns. To make the policy investor friendly, several processes have been made online and a help desk has been set up for the convenience of investors.

Now Medical Education Will Also Be Done in Uttar Pradesh in Hindi

Why In News?

On October 19, 2022, Uttar Pradesh Director General of Medical Education Shruti Singh said that **on the lines of Madhya Pradesh, the government has now formed a three-member panel to present Hindi language textbooks for MBBS courses in medical colleges of the state.**

Key Point

- Director General Shruti Singh said the three-member panel constituted by the state government is **reviewing MBBS Hindi textbooks on three subjects. These include biochemistry, anatomy, and medical physiology.**
- Apart from this, other MBBS textbooks are being translated into Hindi and a three-member panel committee will examine this translation.

- It is worth mentioning that recently for the first time in the country, **medical education has been started in Madhya Pradesh in Hindi.**
- The director general of medical education said the committee was formed about a month ago and a government medical college in Meerut is expected to adopt these books first. At present, Hindi textbooks will be limited to MBBS students only.
- He said the move will help students, especially those with Hindi-medium backgrounds, to easily understand concepts and processes in their language.
- Nc Prajapati, additional director of medical education, said the panel was not trying to translate medical terminology and delete text-books. It is not possible to translate the entire text, as it will prove to be complicated for the students.

Uttar Pradesh Dairy Development and Promotion of Milk Production Policy-2022

Why In News?

On October 20, 2022, Uttar Pradesh Additional Chief Secretary of Milk Development Department Dr. Rajneesh Dubey notified the **Uttar Pradesh Dairy Development and Milk Production Promotion Policy-2022.**

Key Point

- Dr. Rajneesh Dubey said that the objective of this policy is to increase the level of milk processing from 10 to 25 percent and increase the milk available for the market from 44 to 65 percent and it will benefit from the establishment of a new unit manufacturing milk products such as cheese, ice cream etc. This policy will be effective for five years.
- The policy will also be available on purchase of milk station equipment, bulk milk coolers, refrigerated vans, cooling vans, road milk tankers, ice cream trolleys etc. for setting up cold chains.
- He said that for a minimum increase of 25 percent in the establishment or expansion of milk processing and milk products manufacturing dairy units in all the districts of the state, 10 percent of the cost of plant, technical civil works and spare parts, up to a maximum of Five crore rupees and five percent of the

Note:

rate of interest payable on loans of plant machinery, technical civil works and spare parts, maximum 1000 crores of rupees will be given. In this, a maximum of Rs 7.50 crore will be given for five years for setting up a plant for a new animal feed and animal nutrition production unit .

- In this policy, 2.50 crore will be given for technical work and one crore for quality control equipment, such as automatic milk collection unit (other than cold chain).
- For the establishment of cold chain, one crore will be given for refrigerated vans, insulated vans, road milk tankers, bulk milk coolers, ice cream trolleys and 2.50 crores will be given for expansion.
- Two crore rupees will be given for the expansion of animal feed and animal nutrition products manufacturing unit. Two crore rupees will be given for setting up a plant of units manufacturing value-added milk products such as cheese, ice cream etc. under the Micro and Small Enterprises Sector. Payment, electricity charges will be reimbursed within a period of 10 years of installation of new units. exemption will be given under stamp duty policy.
- Uttar Pradesh Chief Minister Yogi Adityanath said that the state government will give Rs 20 lakh every year for branding milk products of Uttar Pradesh for three years and this amount will be Rs 40 lakh for export promotion and 50 percent of the total cost will be given for sending samples of the product to other countries. Apart from this, a grant of Five lakh rupees will also be given for standardization of products.

North Central Railway Becomes Fifth Zone in the Country with 100% Electrification

Why in News?

- Recently, The North Central Railway (NCR) has become the fifth zone in the country to have 100 percent electrification. All the broad gauge railways here have now been fully electrified.

Key points

- At present, out of the 18 zonal railways in the country, four zones — East Coast Railway Bhubaneswar,

Eastern Railway, West Central Railway and South Eastern Railway — were the only zones that were fully electrified. Now the North Central Railway has also joined it.

- This section covers 76 km between Khajuraho and Lalitpur between Ishanagar-Udaipur. The electrification work, which was left in the last financial year, has been completed by the Central Railway Electrification Organization (CORE) on October 20. Now this route has been ready for the operation of trains with electric engines.
- Now with the electrification of this section, all the broad gauge railway lines of NCR have been electrified. The advantage of this will be that now electric engine trains will start operating from Mahoba-Khajuraho-Udaipura to Lalitpur. Also, MEMU trains will be able to run from Mahoba to Lalitpur via Chhatarpur.
- With the electrification of Ishanagar-Udaipura section, 3222 route km in North Central Railway zone. Broad gauge has been electrified. 110 km on this new route. Trains will be able to run at a speed of 110 km/h from Prayagraj to Lalitpur via Mahoba. This will also save passengers time.
- The North Central Railway in its present form came into existence on April 1, 2003. North Central Railway is spread over a wide area of India including Uttar Pradesh, Madhya Pradesh, Rajasthan and Haryana. It is headquartered in Prayagraj (Allahabad) and consists of three divisions - Prayagraj, Jhansi and Agra.

Centre approves Terai Elephant Reserve

Why in news?

According to the information given by the Uttar Pradesh Forest Department on October 23, 2022, the Union Ministry of Forest and Environment has given its approval to the Terai Elephant Reserve (TER), which covers 3,049 sq km including Dudhwa Tiger Reserve and Pilibhit Tiger Reserve located in Lakhimpur and Pilibhit districts. will be developed in the area.

Key points

- According to the UTTAR Pradesh forest department, the department had prepared the proposal in April and forwarded it to the Centre on October 11, 2022. After getting approval from the Union Ministry of

Note:

Forest and Environment for TER, a notification will be issued by the state government soon.

- With the Terai Elephant Reserve coming into existence in Uttar Pradesh, Dudhwa Tiger Reserve will be the only national park in Uttar Pradesh that will protect and conserve four iconic wild animal species — Tiger, One-horned Rhinoceros, Asian Elephant and Swamp deer.
- Apart from Dudhwa and Pilibhit Tiger Reserves, the Elephant Reserve will include Kishanpur Wildlife Sanctuary, Katarniaghat Wildlife Sanctuary, Dudhwa buffer zone and parts of South Kheri forest division.
- The establishment of the Terai Elephant Reserve will be a milestone in terms of wildlife conservation, especially for Asian elephants, as it is located on the Indo-Nepal border, where cross-border movement of elephants is a routine routine.
- The Centre will provide all financial and technical assistance under Project Elephant, which will help in handling human-elephant conflicts. The establishment of an elephant sanctuary at Dudhwa will help in adopting an elephant-centric approach towards their conservation.
- Also, the financial and technical assistance received under Project Elephant will be used in managing the elephants present in dudhwa's camp and incidents of human-elephant conflict, which are currently dependent on the state, will be controlled more effectively.
- The Dudhwa Tiger Reserve has attracted wild elephants through various domestic and cross-border corridors for decades, including Basanta-Dudhwa, Laljhari (Nepal)-Sathiyana and Shuklaphanta (Nepal)-Dhaka-Pilibhit-Dudhwa buffer zone corridors. The Terai Elephant Reserve under Project Elephant will help revive or restore these corridors, which have been defunct.

Mediclaim to get cashless treatment in Uttar Pradesh's super specialty block

Why in news?

On October 24, 2022, nodal officer, GSVM Super Specialty PGI, Uttar Pradesh, Dr Manish Singh said that patients will now get cashless treatment from mediclaim in super specialty blocks created in 6 medical colleges

including GSVM PGI in the state. For this, the state government has also approved.

Key points

- Nodal Officer Dr Manish Singh said that the super specialty blocks will be run on the model of Maulana Azad Medical College New Delhi. For this, the blue print of Maulana Azad Medical College is also being studied.
- TPA blocks will also be created to treat mediclaim patients in super specialty blocks, so that patients do not have to run for mediclaim.
- It is known that the super specialty block has been built under the Prime Minister's Health Protection Scheme.
- Six medical colleges have been set up in Kanpur, Agra, Meerut, Prayagraj, Jhansi and Gorakhpur. GSVM super specialty GPI has been completed in Meerut, Kanpur and Gorakhpur and super specialty treatment of patients has also started here.
- Dr. Manish Singh said that so far everything in the state is being operated with the resources of medical colleges. But in the coming one month, they will be run as a society.
- It is known that till now these medical colleges were being prepared to run on the model of KGMU-SGPGI in the state, but now they will be run by the state government on maulana azad medical college model.
- The OPD of Neuro Surgery, Neurology, Gastro, Nepro has started in GSVM PGI and in a few days, the OPD of Gastro Surgery, Euro and indoor will also be started here.
- For the next five years, the maintenance work of PGI has been entrusted to the construction agency HIDES.

Construction of country's largest Maintenance, Repair and Overhauling (MRO) at Noida airport

Why in News

On October 25, 2022, the way for the construction of the second phase of the world's fourth largest airport (by area) to be built at Jewar was completely paved. This has also paved the way for the construction of the

Note:

country's largest Maintenance, Repairing and Overhauling (MRO) at Noida Airport.

Key Points

- For the construction of the first phase, 1334 hectares of land has been acquired in the past. Construction work on this is going on. Due to the efforts of the Uttar Pradesh government, farmers of six villages have agreed to give their 1365 hectares of land to Noida International Airport Limited (NIAL).
- According to the new land acquisition law, consent of 70 per cent of the farmers affected for land acquisition for any project is required. About 80 per cent of the 7,164 farmers have given their approval. Noida International Airport Ltd. (NIAL) will now have 2699 hectares of land.
- A total of 6200 hectares of land is reserved for the airport. Noida International Airport will be the fourth largest airport in the world in terms of area. Earlier, King Fahd International Airport Saudi Arabia, Denver International Airport and Dallas International Airport AMERICA were among the three largest airports in terms of area. However, other airports are bigger in terms of runways. There are a total of five runways to be built here.
- It is noteworthy that the construction of Noida International Airport being built in Jewar will be completed in different phases. For the first phase, construction of two runways on 1334 hectares of land is underway. The first phase will also be constructed in four parts. The construction of one runway will be completed in 2024. It will cost about Rs 5700 crore.
- When the airport becomes operational, 12 million passengers will travel annually in the initial phase. Another runway will be constructed in the second phase as the numbers increase. The remaining two more runways will be constructed in the next stages. On completion of the four phases, about seven crore passengers will travel annually from the airport.
- The total cost of the project is estimated to be Rs 30,000 crore. A runway and aircraft Maintenance, Repair and Overhauling (MRO) centre will come up on the land being taken up in the second phase for the construction of the airport.
- It is known that 85 percent of the country's aircraft go abroad for maintenance repair, overhauling. It costs Rs 15,000 crore annually. This amount goes

abroad. Noida Airport becoming a big center of MRO will save money going abroad and the youth will also get employment.

Uttar Pradesh Tops in Country in Vaccination Against Lumpi Virus

Why in News?

On October 26, 2022, a spokesman of the Uttar Pradesh state government said that **Uttar Pradesh has secured the first position in the country by vaccinating 1.50 crore animals** in the government campaign to prevent lumpi virus. The **recovery rate** from lumpi virus in the state is **95 percent**.

Key Points

- **Gujarat was second** only to Uttar Pradesh, the spokesman said. At present, **32 districts of Uttar Pradesh are affected by the lumpi virus**. Of these, about 1.05 lakh animals are affected by the lumpi virus.
- This achievement has been achieved in just two months of campaign. On the lines of Corona, a campaign was started to control the deadly disease like lumpy spreading rapidly in animals.
- In view of this, treatment was done by sending veterinarians from house to house, due to which more than 1 lakh animals have been cured of diseases so far. **Team-9 was formed by the department**, whose senior nodal officers broke the lumpy cycle by conducting operations in the affected Bareilly, Moradabad, Meerut, Saharanpur, Agra and Aligarh divisions.
- The spokesman said that the spread of infection was also prevented by the team of doctors by creating 89 dedicated cow medical sites in 26 districts. The 1.50 crore vaccination target has been met by around 2000 teams, while the target of vaccinating 1.60 crore animals by October 31 has been set.
- Significantly, lumpy skin disease is also called '**Lumpy Skin Disease Virus**'. Short is called **LSDV**. It is an infectious disease, which occurs from one animal to another. Simply, coming in contact with an infected animal can also make another animal sick.
- This disease is **caused by a virus called Capripoxvirus**. This virus is **related to the family of Goat Fox**

Note:



and Sheep Pox viruses. According to experts, this disease is caused by mosquito bites and blood-sucking insects.

- It is known that thousands of cattle have been killed in the cheek of time due to this virus. According to government reports, more than 50,000 cows and buffaloes have died. At the same time, millions of cattle are in the grip of the lumpy virus. The havoc of the lumpy virus is being seen more in Rajasthan. So far, **the antidote of the lumpy virus has not been prepared**, due to which a large number of cattle have died.

Uttar Pradesh Ranks Eighth in Plastic Waste Emissions

Why in News?

According to the **Plastic Alternative Report-2022** released on October 27, 2022, **Uttar Pradesh ranks eighth in terms of plastic waste emissions in the country.**

Key Points

- The report also talks about innovative applications by various states for recycling and reusing waste.
- It is to be noted that Uttar Pradesh has banned the manufacture, collection, transportation, sale, recycling and use of single-use plastics since 2018 and two plants to convert plastic waste into fuel have been set up in the state.
- One such plant was set up in Prayagraj in the state last year. In this, single-use plastic is used to convert it into fuel. Apart from this, a plant is already functioning in Mathura. The capacity of both these plants is 2700 tonnes per annum.
- Apart from setting up plants, plastic waste is also being used in road construction and paper mills have taken the initiative to reuse such waste with cement mills.
- The Plastic Alternative Report-2022 states that **Maharashtra ranks first in terms of plastic waste emissions** in the country and **Goa is ranked one in terms of per capita waste removal.** It is followed by Delhi and Kerala and Uttar Pradesh at number 28. Nagaland, Sikkim and Tripura top the list in terms of low per capita plastic waste emissions.
- Status of other states in plastic waste emissions-

kingdom	Plastic waste emissions (in percentage)
Maharashtra	13
Tamil Nadu	12
Gujarat	12
West Bengal	9
Karnataka	9
Telangana	7
Delhi	7
Uttar Pradesh	5
Haryana	4
Kerala	4
Madhya Pradesh	3
Punjab	3
other	11

- The report states that 34,69,780 tonnes of plastic waste is generated in the country every year. This figure is for the year 2019-20. The per capita plastic waste emissions in the country has been doubled in five years i.e. 2016-20.
- It has also been reported in the report that due to the **Swachh Bharat Mission**, the waste management infrastructure has become very strong in different states of the country and now the trend of converting plastic waste into other forms and using it elsewhere has increased with new technology. However, it needs to be taken to a wider level, as it is not enough right now.

Uttar Pradesh Police Will Now Be Hi-Tech

Why in News?

According to information received from media sources on October 27, 2022, on the instructions of Uttar Pradesh Chief Minister Yogi Adityanath, Uttar Pradesh Police will now be hi-tech by spending more than 650 crores.

Key Points

- In order to make Uttar Pradesh Police hi-tech, it will soon be equipped with a body worn camera and full body protector.

Note:

- The home department has sanctioned Rs 4.8 crore for the purchase of 1,200 body worn cameras, Rs 2.48 crore for the purchase of 1,650 full-body protectors for women and Rs 6 crore for the purchase of 30,000 post-mortem kits under the police modernization scheme.
- Upgraded social media monitoring cells are going to be set up in 10 districts of the state by spending about Rs 641 crore. Similarly, QRTs for law and order will be set up in 10 other districts.
- Apart from this, a dedicated FSL will be set up for investigation and investigation of SIT, EOW, CBCID and ACO at a cost of Rs 6.75 crore. A dedicated mini technical lab is being developed in Kannauj.
- The crime scene videography app developed by NCRB has been launched in Muzaffarnagar, Barabanki and Aligarh in the first phase and an action plan has been prepared to implement it in other districts of the state. For this, the Technical Services Headquarters has constituted a technical committee for the entire process.
- It is known that cyber help desks have been established in all 1531 police stations of the state. The process of administrative building construction of all the 18 regional cyber police stations of the state has also been started and the organization responsible for seven regional cyber police stations Varanasi, Jhansi, Basti, Aligarh, Azamgarh, Gorakhpur and Banda has been designated.

India Food Expo to Be held in Lucknow

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.

Asia's First Pathogen Reduction Machine in Lucknow

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.

Note:



- 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.

Uttar Pradesh set to become Top Ethanol Producer in India

Why In News?

On October 30, 2022, Uttar Pradesh Additional Chief Secretary (Sugar Industry) Sanjay Bhoosreddy told the media that Uttar Pradesh is all set to become the top ethanol producer in the country. The size of the industry in the state has crossed Rs 12,000 crore.

Key Points

- Additional Chief Secretary (Sugar Industry) Sanjay Bhoosreddy informed that the ethanol capacity of Uttar Pradesh has been estimated at 2 billion litres per year, which is almost eight times more than 240 million litres per year five years ago. The state's ethanol capacity is expected to reach 2.25 billion litres per annum in the next few years.
- He informed that private sector distilleries have invested about Rs 7,500 crore in the last five years to upgrade the overall ethanol capacity of the state.
- The state government is trying to integrate sugarcane crop with an attractive ethanol value chain to provide remunerative prices to farmers and protect the sector from the cyclical nature of the sugar market.
- Sanjay Bhoosreddy said that in the current 2022-23 sugarcane crushing season, five private mills will manufacture ethanol directly from sugarcane juice without producing sugar. In addition, 71 other mills will produce ethanol from B-heavy molasses.
- Meanwhile, the state's sugarcane area is estimated to increase by 3 percent or 84,000 hectares to over 2.85 million hectares, while sugarcane production

in the current season is estimated at 23.50 million metric tonnes. A total of 120 sugar mills- 93 private units, 24 cooperative units and three Uttar Pradesh State Sugar Corporation units will operate during the current sugarcane crushing season.

- It is known that more than 4.5 million rural households are associated with the Uttar Pradesh sugarcane sector, which includes sugar, ethanol, jaggery, power cogeneration, jaggery, khandsari (refined sugar) etc. in its by-product portfolio. The consolidated annual sugarcane economy in the state is about Rs 50,000 crore.

The State Government is Rejuvenating the Ganga and its Tributaries

Why In News?

On October 28, 2022, Uttar Pradesh Jal Shakti Minister Swatantra Dev Singh said that the state government is engaged in building proper sewerage infrastructure on tributaries of Ganga by increasing public-private partnership in the second phase of Namami Gange programme (for the period 2021-2026) and is emphasizing on circular water economy model, sludge and septage management etc.

Key Points

- Jal Shakti Minister Swatantra Dev Singh said that in pursuance of the instructions issued by Chief Minister Yogi Adityanath, the ambitious Namami Gange project is being taken forward in the state through various initiatives to restore the importance of Ganga and to conserve and protect it.
- He informed that a total of eight projects will be completed in the state in just four months from September 2022 to December 2022. These projects include three STPs (Sewage Treatment Plants) of 72 MLD capacity for Naini, Phaphamau and Jhunsi areas of Prayagraj at a cost of Rs 767.59 crore.
- Similarly, construction of 160 MLD capacity STP at a cost of Rs 967.23 crore in Kanpur Nagar, 15 MLD capacity interception and diversion structure at Unnao at a cost of Rs 102.2 crore and interception and diversion structure of 5 MLD capacity at Shuklaganj in Unnao at a cost of Rs 65.18 crore are being constructed.

Note:

- Besides, interception and diversion structures of 17 MLD capacity are being constructed at Sultanpur at a cost of Rs 70.18 crore, 10 MLD capacity at Budhana at a cost of Rs 48.76 crore and 30 MLD capacity in Jaunpur at a cost of Rs 206 crore. The construction of a 14 MLD capacity interception and diversion structure in Baghpat at a cost of Rs 77.36 crore will be completed by December 2022.
- The estimated sewage generation in the state is around 5,500 MLD, a large part of which is treated by 114 STPs installed in the state, with a total capacity of 3,539.72 MLD.
- To bridge this gap, Chief Minister Yogi Adityanath has proposed several sewerage projects to the central government. As a result, the Central Government has sanctioned a total of 55 sewerage infrastructure projects for construction of STPs of 1,574.24 MLD capacity in the state at an estimated cost of Rs 11,433.06 crore.
- It is known that due to continuous monitoring through continuous review meetings organized by Chief Minister Yogi Adityanath, biochemical oxygen demand (BOD) has been observed in the Ganga flowing in Uttar Pradesh (Kannauj to Varanasi).
- During 2014 and 2022, the water quality criteria for bathing was met at all comparable locations (all 20 locations), where **DO** (dissolved oxygen) improved in 16 out of 20 places, while 14 out of 20 places **BOD** and **FC** have improved in 18 out of 20 places.
- The central government had earlier said that no sewerage infrastructure project sanctioned for Prayagraj was completed before 2014. Three STPs of 42+16+14 MLD capacity were also sanctioned by the National Mission for Clean Ganga (NMCG) to treat excess wastewater.
- The NMCG has also approved a project to upgrade the existing STPs at Naini, Salori and Rajapur. Keeping in view the situation in Prayagraj, NMCG has approved both these projects on Hybrid Annuity Mode (HAM).



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Note:



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Key Points

Details

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Summary

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