



# The ACHIEVERS IAS ACADEMY

LANGUAGE - ENGLISH

## CURRENT AFFAIRS BOOSTER

15 - 07 - 2022

FRIDAY

LANGUAGE - ENGLISH

### THE ACHIEVERS IAS ACADEMY

Patliputra Colony, Near Tennis Court; Patna, Contact : 8434931877, 7250667974

THE ACHIEVERS IAS ACADEMY



# DAILY

# CURRENT AFFAIRS

# &

# QUIZ



UPSC / BPSC

[www.achieversiaspatna.co.in](http://www.achieversiaspatna.co.in)

# THE ACHIEVERS IAS ACADEMY

## 1. First 'Artificial Intelligence in Defense Seminar and Exhibition' organized in New Delhi



The Department of Defense Production, Ministry of Defence, will host the first-ever Artificial Intelligence in Defense Seminar and Exhibition in New Delhi, which will be officially inaugurated by the Union Defense Minister, Shri Rajnath Singh.

The event will include a showcase of the most innovative AI-enabled products created by services, research organisations, industry, start-ups and entrepreneurs.

The products range from Cyber Security, Intelligent Surveillance Systems, Logistics and Supply Chain Management, Speech and Voice Analysis, Automation / Unmanned / Robotics Systems, Command, Control, Communications, Computer and Intelligence, Surveillance and Reconnaissance (C4ISR) Systems and Operational Data Analysis come under.

Apart from the 75 products being released, another 100 are being developed at various levels. Defense Secretary Dr Ajay Kumar spoke at a press conference about the event and described it as a momentous occasion where 75 newly developed AI

products and technologies with military applications were unveiled on 75th anniversary of Independence, the elixir of independence. This will be done as part of the celebrations to support the "Self-reliant India" initiative in the Army and the Army.

## 2. Ahmedabad and Kerala featured in Time Magazine's The World's Greatest Places of 2022



Two places in India have been named among the "50 Extraordinary Destinations to Explore" by Time Magazine this year. The southern state of Kerala and Ahmedabad, the capital of Gujarat, were the two Indian entries in the 2022 list of the world's greatest places.

About Ahmedabad, TIME Magazine described it as "India's first UNESCO World Heritage City, Ahmedabad" "from the serene Gandhi Ashram nestled on the banks of the Sabarmati River on 36 acres to Navratri, making it a mecca for cultural tourism. Boasting both ancient sites and contemporary innovations, a lively festival lasting nine days is considered the world's longest dance festival." Ras Al Khaimah, United Arab Emirates on

# THE ACHIEVERS IAS ACADEMY

the list ; Park City, Utah; Seoul; Great Barrier Reef, Australia; Arctic; Valencia, Spain; Trans Bhutan Trail, Bhutan; International Space Station; Bogotá; Lower Zambezi National Park, Zambia; Including Istanbul and Kigali, Rwanda.

### 3. India ranks 135th in the world in gender parity

Index/sub-index	2022 (146 countries)		2021 (156 countries)	
	Rank	Score	Rank	Score
Global Gender Gap Index	135	0.629	140	0.625
Political empowerment	48	0.267	51	0.276
Economic participation & opportunity	143	0.350	151	0.326
Educational attainment	107	0.961	114	0.962
Health and survival	146	0.937	155	0.937

Source: World Economic Forum

India has been ranked 135th in the world in terms of gender equality in a report by the World Economic Forum (WEF). However, it has climbed five places from last year, outperforming in the areas of economic participation and opportunity. According to the WEF's Annual Gender Gap Report 2022 released in Geneva, Iceland leads the world as the most gender-equal country, followed by Finland, Norway, New Zealand and Sweden. Of the total 146 countries in the index, only 11 countries are below India. At the same time, Afghanistan, Pakistan, Congo, Iran and Chad are included in the bottom five countries in the list. The World Economic Forum has warned that women in the world are likely to be most affected by the crisis of livelihood. As the gender gap in the labor force widens, it will take another 132 years

(compared to 136 years in 2021) to bridge the gender gap.

Since last year, India has registered the most significant and positive changes in its performance on economic partnership and opportunity. But labor force participation has declined for both men and women from 2021 onwards.

The share of women MPs/MLAs, senior officials and managers has increased from 14.6 per cent to 17.6 per cent and the share of women as professional and technical workers has increased from 29.2 per cent to 32.9 per cent.

### 4. Himachal Governor Rajendra Vishwanath releases book 'The McMahon Line'



Himachal Pradesh Governor Rajendra Vishwanath Arlekar recently released a book titled "The McMahon Line: A Century of Discord". This book is authored by the former Governor of Arunachal Pradesh and former Chief of Army Staff (COAS) Gen JJ Singh (Retd).

This book is based on the experiences and research of General JJ Singh on the India-China border dispute. A short film on the McMahon line was also

# THE ACHIEVERS IAS ACADEMY

shown. This is his second book written by him. General JJ Singh (Retd) wrote his experience, research and practical knowledge, which may prove to be beneficial.

Gen JJ Singh (Retd) had written a book on a sensitive issue. The book emphasized the politics, history, structure and geography of the McMahon line. The book uncovered several interesting aspects that were still relevant to the ongoing negotiations on the diplomatic front. Gen JJ Singh (Retd) revealed that the book was based on six years of study and research on the India-China border dispute. He explained the main aspects of the book in detail.

## 5. 22nd Bharat Rang Mahotsav 2022 will be organized from 16th July to 14th August



National School of Drama's most famous theater festival Bharangam will be held in October-November 2022. In which this year more than 100 plays have been selected to be staged in different states of the country including Delhi. Suman Vaidya, Controller Festival at NSD said that this

year we had received 701 drama entries for staging in various genres.

In which we have selected more than 100 plays for Bharangam. Drama lovers will get to see plays directed by renowned directors and performed by eminent artistes at the festival.

This year 3000 to 3500 artists are likely to participate. Because a play is organized with a group of 25 people. This year the 22nd Bharat Rang Mahotsav will be organized in 4 categories. The first category of which is the unremarkable drama of independence is starting from the drama festival of independence being organized from 16th July.

## 6. Leh airport to become country's first carbon neutral airport



Leh airport being built as a carbon-neutral airport by the Airports Authority of India is the first in India. A "Geothermal System" in hybridisation with a Solar PV Plant will be provided for heating and cooling purposes in the new airport terminal building.

The system works by exchanging heat between the air and the ground as its heat pumps are used to

# THE ACHIEVERS IAS ACADEMY

heat and cool the space, as well as to heat the water. The adoption of Geothermal System in the Leh Airport Terminal Building Project is estimated to reduce carbon emissions by 900 tonnes per year.

## 7. NASSCOM Foundation Launches 'Dijivani' Call Center for Rural Women



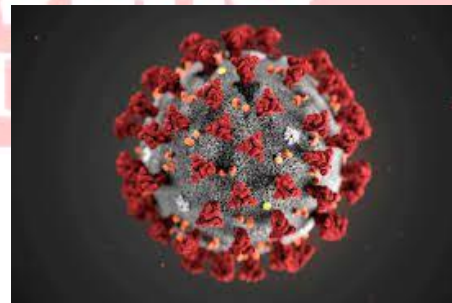
NASSCOM Foundation in partnership with non-profit organization ISAP has opened a call center in collaboration with Google to help women farmers grow their businesses. Nidhi Bhasin, Chief Executive Officer (CEO) of NASSCOM Foundation said on the occasion of launch of 'Dijivani Call Centre' that the project was initially run on a pilot basis in six states... Himachal Pradesh, Uttarakhand, Uttar Pradesh, Bihar, Haryana and Rajasthan. is going. Under this, the target is to reach 20,000 rural women entrepreneurs.

He said, "Dijivani will be the one place where rural women entrepreneurs will be able to call and get information about various schemes available to them which can help them to grow their business...the call center will be actively supported

by those rural women Entrepreneurs about whom information is available with them.

Nidhi said the project was funded by Google and a decision on the expansion of Digivani would be taken after a year. Digivani Call Centers have been set up at the Delhi and Lucknow offices of the Indian Society of Agribusiness Professionals (ISAP). Sapna Chadha, Vice President (Marketing) Google India and South-East Asia Affairs said, "Google.org is Google's charitable organization. The organization has given a grant of \$5,00,000 to the NASSCOM Foundation to promote women entrepreneurship...."

## 8. SARS-CoV-2: Scientists got great success, now corona virus can be controlled



New synthetic peptides that can block the SARS-CoV-2 virus from entering cells and bind virus particles together to reduce their ability to infect living cells, have been created by Indian scientists. Viruses such as SARS-CoV-2 can be inactivated with this innovative technology, opening the door to a new family of peptide antivirals.

# THE ACHIEVERS IAS ACADEMY

According to the Ministry of Science and Technology, scientists from the Indian Institute of Science (IISc) and the CSIR-Institute of Microbial Technology have developed a method to inactivate the COVID (SARS-CoV-2) virus by preventing entry into cells and reducing its ability to infect people. The effectiveness of COVID-19 vaccines against the SARS-CoV-2 virus has been reduced by the rapid emergence of new strains, necessitating the development of new methods to prevent virus infection.

These peptides were created by scientists from the Indian Institute of Science working with experts from the CSIR-Institute of Microbial Technology. This binding was further characterized further with the use of cryo-electron microscopy (cryo-EM) and other biophysical techniques.

The peptide was tested for toxicity in mammalian cells in the laboratory by a team of scientists from IISc and CSIR-Institute of Microbial Technology and confirmed to be safe.

This class of peptides shows potential as antivirals because after receiving the peptide dose, hamsters subjected to higher doses of SARS-CoV-2 showed reduced viral load and lung function compared to hamsters exposed to the virus only. showed significantly less cell damage.

## 9. Agnikul Cosmos opens India's first private rocket engine factory in Chennai



Space tech startup, Agnikul Cosmos has inaugurated India's first factory to manufacture 3D-printed rocket engines in Chennai. The facility will use additive manufacturing technology to manufacture 3D printed rocket engines and will be used to build engines for its in-house rockets. It was unveiled by Tata Sons Chairman N Chandrasekaran and ISRO Chairman S Somnath in the presence of IN-SPACe (Indian National Space Promotion and Authorization Centre) Chairman Pawan Goenka.

The company's facility will use additive manufacturing technology to manufacture 3D-printed rocket engines and will be used to build engines for its in-house rockets. This will allow the factory to produce eight engines per month and the number of engines needed to launch the Agnibaan - its two-stage launch vehicle, which is expected to launch by the end of the year.

## 10. Infosys buys Danish-based life science company

# THE ACHIEVERS IAS ACADEMY



Country's leading IT company Infosys Limited (Infosys.ltd) on Wednesday bought a leading Denmark-based technology and consulting firm Base Life Science for 110 million euros, or about \$ 111 million, and signed an agreement related to this. have also done. The company claims that this acquisition will further strengthen Infosys' expertise in the life sciences space and expand its presence across Europe.

The company said about the deal that this acquisition enhances Infosys' deep life science expertise and could be a key factor in expanding our footprint in the Nordic region and across Europe. The company said that along with cloud-based industry solutions, our digital transformation capabilities are also going to be boosted by this agreement.

Expressing happiness over the deal, Infosys Chairman S Ravi Kumar said, "We are excited to welcome Base Life Science and its leadership team to the Infosys family." Giving this information on Wednesday, Infosys said that this acquisition will be done completely in cash.

## ONE LINER

Union Minister of Defence, Government of India:

**Shri Rajnath Singh**

Defense Secretary: **Dr. Ajay Kumar**

Additional Secretary: **Shri Sanjay Jaju**

Airports Authority of India Headquarters: **New Delhi;**

Establishment of Airports Authority of India: **1st April 1995;**

Chairman of Airports Authority of India: **Sanjeev Kumar**

Google CEO: **Sundar Pichai;**

Google founded: **4 September 1998;**

Google Headquarters: **Mountain View, California, United States;**

NASSCOM President: **Krishnan Ramanujam;**

NASSCOM Headquarters Location: **New Delhi;**

NASSCOM Established: **1 March 1988**

Founder of Infosys: **Narayana Murthy**

CEO of Infosys: **Salil Parekh**

## QUIZ

**1. Punjab's Patiala Court has upheld Daler**

**Mehndi's sentence of how many years in the human trafficking case?**

**(a) 2 years**

**(b) 3 years**

**(c) 4 years**

**(d) 5 years**

# THE ACHIEVERS IAS ACADEMY

2. For how many months Bangladesh fast bowler Shohidul Islam has been banned by ICC for committing doping violations?

- (a) 5 months
- (b) 10 months
- (c) 4 months
- (d) 11 months

3. The World Economic Forum recently released its "Gender Gap Report 2022". What is the rank of India in this report?

- (a) 132nd
- (b) 133rd
- (c) 135th
- (d) 139th

4. World Youth Skills Day is celebrated on which of the following days?

- (a) 10 January
- (b) 12 March
- (c) 13th May
- (d) 15th July

5. Who is considered the father of Internet revolution in India, who passed away recently?

- (a) Brijendra Kumar Single
- (b) Rahul Sachdeva
- (c) Mohan Agnihotri
- (d) Sanjay Tripathi

6. Which IT will acquire Denmark-based Base Life Science for 110 million euros?

- (a) Wipro
- (b) Infosys
- (c) Accenture
- (d) TCS

7. Who has been appointed as the next High Commissioner of Bangladesh to India?

- (a) Rahul Sachdeva
- (b) Rajiv Ranjan Tiwari
- (c) Vishal Tripathi

(d) Mustafizur Rahman

8. World Paper Bag Day is celebrated on which of the following day?

- (a) 10th May
- (b) 18th February
- (c) 12 July
- (d) 14 August