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NOW 'ONE NATION, ONE KYC'

- To bring transparency to the Indian financial sector and to reduce the hassle for customers, the CKYC (Central Know Your Customer) system introduced by the Central Government is currently creating a massive transformation in the banking and investment sectors.
- Previously, if a person wanted to open a new bank account or invest in the stock market, they had to submit identity proofs separately to each institution. The main objective of this Central KYC Records Registry is to reduce this significant burden.
- » What is this CKYC?
- This is a digital repository managed by CERSAI (Central Registry of Securitisation Asset Reconstruction and Security Interest of India), which operates under the control of the Central Government.
- Once you have formally provided your KYC details to any financial institution, they will be stored digitally in this registry.
- » How does this work?
- **Registration:** When you open an account at your bank, the submitted Aadhaar, PAN card, and photos are verified and uploaded to the CKYC platform. **14-digit number:** Once your details are uploaded, a unique 14-digit CKYC number will be assigned to you.
- **Sharing:** In the future, when you open an account with another insurance company or a mutual fund company, it is sufficient to provide only your 14-digit number. They will retrieve your details electronically from this registry.
- » Key Benefits:
- **Avoiding waste of time:** There is no need to attach photocopies (Xerox) of certificates every time.
- **Security:** Since your documents are stored on the Central Government's secure server, malpractices are prevented.
- **Ease of investment:** This paves the way to make investments immediately in the stock market and insurance sector.

WHY IS 'CLAUDE MYTHOS' DANGEROUS?

- ♦ 'Claude Mythos' AI specializes in detecting and exposing even the minor errors in the digital sector.
- ♦ Through this, even the smallest errors in software that cannot be detected by humans can be identified.
- ♦ Claude Mythos has uncovered many software errors that the IT world believed to be highly secure until now, including bugs that had remained undetected for 27 years.
- ♦ While it is greatly helpful in improving technology when used constructively, there is a risk that if this AI is used by the wrong individuals, it could disrupt an entire banking framework using just a single computer.
- ♦ This is why precautionary measures are being taken to improve cybersecurity not only in India but also at an international level.

- Easy updating: It is designed such that if your address or mobile number changes, updating it in one place will automatically reach all financial institutions.
- » How to verify?
- Customers can check their CKYC status through the respective bank websites or KRA (KYC Registration Agency) portals. An SMS regarding this will also be sent to your registered mobile number.
- There is no doubt that this project, seen as the next step of Digital India, has further simplified the way an ordinary citizen accesses banking services.
- If you have not registered for CKYC yet, you can obtain this 14-digit number by approaching your bank manager and updating your documents.

JAPAN AWAKENING FROM A 30-YEAR SLEEP

- The monstrous growth Japan achieved after World War II left the nations of the world in wonder.
- At one time, "Made in Japan" stood as a symbol of quality and modern technology.
- 30 Years of Stagnation In the mid-1980s, the value of the Japanese Yen strengthened significantly against the US Dollar.
- To prevent Japan's exports from being affected by this, the Central Bank of Japan reduced interest rates.
- Since bank loans became easily available because of this, individuals and companies began investing heavily in land and stock markets. Consequently, stock market and real estate prices rose very rapidly.
- In the early 1990s, the Japanese government, realizing that this price rise was dangerous, increased interest rates.
- As borrowing became difficult, property prices began to fall. Within a few years, the value of the stock market and land plummeted by 10% to 80%.
- This is considered the bursting of the Asset Bubble. Banks suffered huge losses as people were unable to repay the loans they had taken.
- Following that, the country was caught in the grip of 'Deflation.' Its effects transformed an entire generation.
- » No Increase in Prices and Salaries:
- For the past 30 years in Japan, the prices of goods did not rise at all.
- Since prices did not increase, the profits of companies did not grow; consequently, the salaries of employees did not rise either.
- An entire generation of people has grown up without even knowing what inflation is.
- This created a kind of stagnation in consumer mindset. People avoided spending with the expectation that 'prices will drop tomorrow.'
- » Interest Rate Challenge:
- To stimulate the economy, the Central Bank of Japan kept interest rates at zero or even lower for a long time.
- Even in a situation where no interest would be earned on money kept in a bank account, people prioritized saving over investments and spending.

Today News...» Stock Market:

- Japan's Nikkei stock market index did not see significant growth for a long time.
- It took about 35 years (until 2024) to once again touch the peak it reached in 1989.
- This showed that Japanese companies were falling behind in global competition.

» Japan's Renaissance:» Economic Security:

- Kishida's most important contribution is the 'Economic Security Act.' He gives priority to manufacturing semiconductors and critical technological components within Japan itself.
- This has reduced Japan's dependence on other countries, especially China.

» Arrival of Inflation:

- After 30 years, inflation in Japan has crossed the 2% target. Kishida's government is using this as an opportunity to urge companies to provide salary hikes.
- In the 2024-2026 period, Japanese companies have announced unprecedented wage increases.

» Stock Market Record:

- Due to corporate governance reforms, the Japanese stock market (Nikkei 225) crossed its 30-year-old peak in 2024 and continues to reach further heights.
- Because of this, foreign investors have begun to view Japan once again as a safe investment destination.

CLIMATE CHANGE DISRUPTING HEALTHCARE INFRASTRUCTURES

- The report recently released by the research organization ClimateRisk Horizons regarding climate change has drawn the attention of the National Public Health Department.
- The report, titled 'India's Climate-Health Nexus: Pathways for Resilience,' warns that climate changes are no longer going to bring only environmental concerns to India; they are growing to a level that challenges public health infrastructures.
- Over the past 30 years, India ranks sixth among the countries most affected by climate change globally.

» Increasing Infectious Diseases

- One of the most obvious impacts is the incidence of Dengue. One-third of the global Dengue burden is in India.
- Increasing heatwaves and changing rainfall patterns are spreading infectious diseases like Malaria and Chikungunya to places in India where they previously had no impact.
- This report points out that Dengue cases have been recorded more frequently in several cold regions, including Himachal Pradesh and Jammu-Kashmir, which previously recorded low levels of impact. Furthermore, flash floods further intensify public health risks.
- For example, when flooding occurs, contaminated water mixes with drinking water, leading to the increased spread of Hepatitis A, Cholera, and intestinal diseases related to E. coli bacteria.
- As the floodwaters recede, Leptospirosis (rat fever) also spreads. More than 5,000 people die annually due to floods alone. The report warns that this number will increase in the future.

» Affecting Non-Communicable Diseases

- Until now, it was said that only infectious diseases would spread due to climate change. However, the recently released report announces that non-communicable diseases will also be affected.
- In many reports pointing out the increase in human deaths in India during heatwaves, a link can be seen between increasing heatwaves and heart disease.
- Since one-third of the deaths occurring in India are caused by heart diseases, this warning cannot be easily ignored. Increasing air pollution adds to the burden of these non-communicable diseases.
- For those working in areas with high levels of fine particulate matter ($PM_{2.5}$), the possibility of developing kidney diseases increases.
- Among the 30 most polluted cities in the world, 17 are in India alone. The air pollution prevailing in Delhi significantly violates global health guidelines.
- Furthermore, this study points out that workers exposed to intense heatwaves for long periods are also prone to kidney failure.

» Impact on Maternal and Child Health

- In recent years, heat hazards have also been impacting maternal and child health.
- This report confirms that preterm births, babies born with low birth weight, and pregnancy complications are increasing during heatwaves. Due to heat impact, preterm births in India have increased by 16%.
- Generally, children face additional impacts because they have lower immunity and are easily exposed to environmental hazards such as air pollution and contaminated water.

» Economic Impacts

- Climate changes have not spared the Indian economy either. In 2021 alone, due to heat exposure, Indian workers lost nearly 16,000 crore labor hours.
- This is equivalent to approximately 5.4% of India's Gross Domestic Product (GDP). Furthermore, for every degree Celsius increase in temperature, industrial productivity will decrease by two percent.
- The report points out that informal workers exposed to long-term heatwaves face psychological issues such as extreme physical fatigue, depression, stress, and anxiety, while rural and tribal populations face the loss of their traditional livelihoods.
- Apart from this, food security is also in great crisis. Between 2015 and 2021, India lost 339 lakh hectares of cultivated land due to floods and heavy rainfall, and 350 lakh hectares of land due to drought.

» National Action Plans Seeking Attention

- The existing National Action Plan on Climate Change and Human Health and State Level Action Plans in India operate with the objective of strengthening disease prediction, disease surveillance, and preparedness to handle disease outbreaks.
- For example, under the Heat Action Plan first introduced by the Gujarat government in Ahmedabad in 2013, measures including the installation of cool roofs, urban greening, and the setting up of warning systems have been expanded to more than 130 cities and districts.

GALAXEYE LAUNCHES 'DRISHTI' SATELLITE

- The Indian startup GalaxEye has launched the 'Drishti' satellite, which can capture clear images even at night and through cloud cover.

Today News...

- Yesterday, the Indian startup GalaxEye sent the Earth observation satellite named 'Drishti' into space via SpaceX's Falcon 9 rocket.
- It is equipped with both a multispectral camera and a Synthetic Aperture Radar (SAR) imager.
- Because of this, the satellite can penetrate cloud cover and darkness to take highly clear pictures and send them to Earth.
- This makes it unique among Indian satellites. As its data can be used for intelligence information, it is said that this satellite will become a new headache for Pakistan and China.
- The idea for the Drishti satellite was born based on India's geography and climate. India is a tropical country.
- There are more clouds here than in Western countries. Western countries have not faced this issue.
- Since cloud cover here is frequent and lasts for long periods, conventional optical satellites often become ineffective.
- At any given time, 70 percent of the Earth's land surface is covered by clouds. In oceanic areas, this is 90 percent.
- Therefore, especially in tropical regions, seven out of ten images will be cloudy. For those using satellite data, clouds are not just a disturbance; they are like a screen. Clear images cannot be obtained.
- Clear images are essential for tasks such as disaster management, agriculture, infrastructure monitoring, or security.
- For this reason, GalaxEye has developed the technology to see through clouds and obtain precise information.
- The multispectral camera and Synthetic Aperture Radar imager in the Drishti satellite have the capability to see through anything and everything.

R. BALASUBRAMANIAM, JORAM ANYA APPOINTED AS FULL-TIME MEMBERS OF NITI AAYOG

- NITI Aayog serves as the country's premier policy advisory body. The Prime Minister serves as its Chairperson.
- In this context, on April 24, the Prime Minister had appointed Ashok Kumar Lahiri as the Vice-Chairman, and Rajiv Gauba, K.V. Raju, Gobardhan Das, Abhay Karandikar, and M. Srinivas as full-time members of NITI Aayog.
- Subsequently, Prime Minister Modi approved the appointment of academicians Joram Anya and R. Balasubramaniam as full-time members of the NITI Aayog organization.
- Accordingly, the number of full-time members has increased to 7.
- Dr. Joram Anya is the first woman to earn a doctorate from the Nyishi community, a tribal community of Arunachal Pradesh.
- Anya has made significant contributions to literature, culture, and more. The other new member, R. Balasubramaniam, serves as the Member (Human Resources) of the Capacity Building Commission under the 'Mission Karmayogi' scheme.
- He has authored several books. Notably, a book he wrote focusing on the Prime Minister's 50 years of public life, titled 'Power Within: The Leadership Legacy of Narendra Modi,' was released in 2024.