



PLUTUS ACADEMY

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National Hydrology Project

Context: Review of the National Hydrology Project was carried out by Minister of Jal Shakti Shri Gajendra Singh Shekhawat.

Background of National Hydrology Project:

- It is an initiative of the Ministry of Jal Shakti.
- It is supported by the World Bank.
- It was started in the year 2016.
- It is a Central Sector Scheme, with 100% budget allocated by the Central Government
- Its Budget is Rs. 3680 Crore, for 8 years.

Recent development in The National Hydrology Project :

It has made significant progress in the fields of:

- Water resource monitoring system,
- Water resource information system (WRIS),
- Water resource operation and planning systems and institutional capacity enhancement.

About the Project:

Under the **National Hydrology Project** :

- A nationwide repository of water resources data - NWIC has been established.
- It is focusing on establishment of real time data acquisition system (RTDAS) on pan India basis.
- Till now, 1900 **hydro-meteorological stations** have been installed which would be shortly contributing data to the centralised database stations. There is a target of establishing a total of 6500 stations.

Hydro- meteorological stations:

Meteorological – that measures rainfall and other weather phenomenons
and **Hydrological – that measures water level and discharge.**

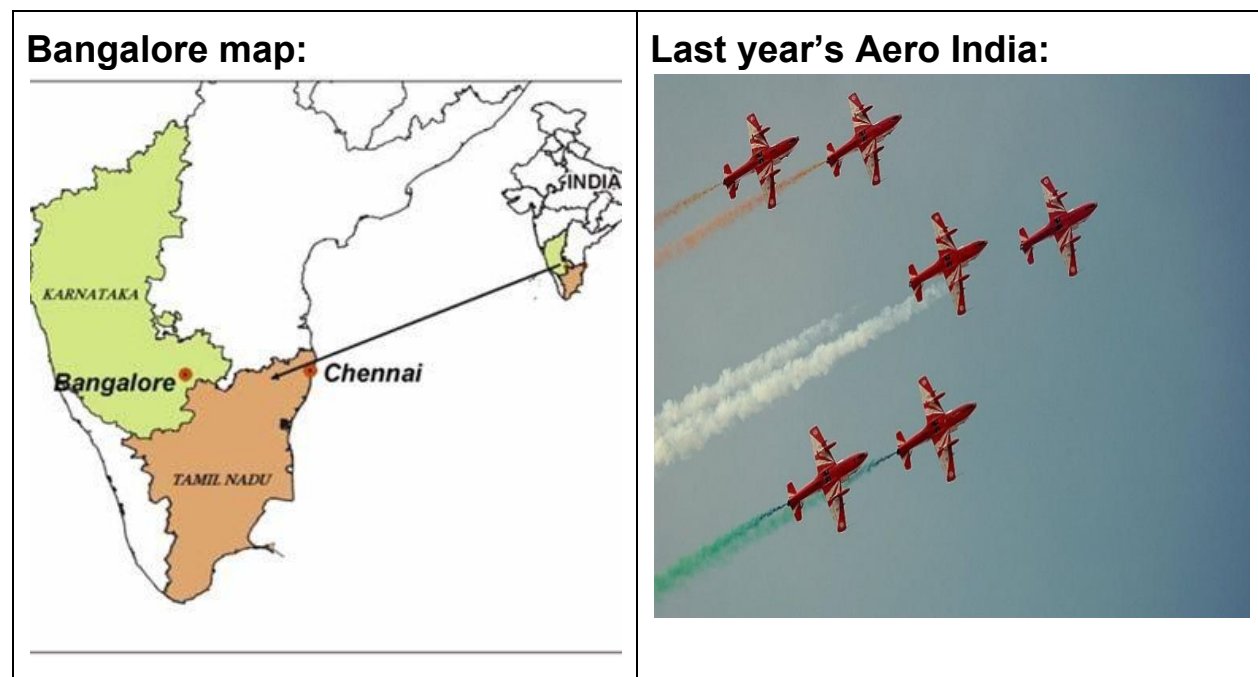
- The **analytical tools and knowledge products** are being developed under the NHP are:
 - ❑ streamflow forecasting with a long lead time of four weeks.
 - ❑ upscaling of flood forecasting to include inundation mapping, sediment transport modelling,
 - ❑ framework for water resources assessment,
 - ❑ reservoir optimization,
 - ❑ glacial lake atlas,
 - ❑ Web enabled GIS based spring inventories etc.

These tools have the capability of making a huge difference in the way water resources are being managed in our country.

Objective:

- The project aims at improving the extent, reliability and accessibility of water resources information.
- To strengthen the capacity of water resource management institutions in India.

AERO INDIA – 21



Context:

The Ministry of Defence in a press brief announced that a series of webinars related to **Aero India** will be conducted from 17th December.

About Aero India - 21 Webinar:

- It will begin from 17th December, 2020 onwards.

- The webinars will be conducted by the leading luminaries and themed on **contemporary defence and aerospace topics**.
- The webinars will be streamed worldwide.

About AERO INDIA-21:

- It is a biennial air show and defence exhibition organized by the Ministry of Defence
- AERO-INDIA-21 is scheduled to be held during 03rd - 07th Feb 2021 at Air Force Station, Bengaluru.
- The show includes both air displays and static exhibitions of a large array of military platforms from the Aerospace sector.
- Aero India is the largest air show in Asia and attracts a large number of exhibitors from the world's leading industries in the field of Military and Civil Aviation, Aerospace, Airport Infrastructure and Defence Engineering.

Important Points:

- The first edition of the air show was held in 1996.
- It takes place in Bangalore, Karnataka.
- AERO-INDIA-21 is the 13th edition.

The Partnership Summit 2020:

Context:

The Partnership Summit 2020 organised virtually by Confederation of Indian Industry (CII) with Department of Promotion of Industry and Internal Trade.

About the Partnership Summit:

- The Partnership Summit held since 1995.
- It is an Annual Flagship international event
- It is held in partnership with the Department of Promotion of Industry and Internal Trade, Ministry of Commerce and Industry, Government of India.
- The Summit provides opportunities to look at how both advanced and emerging economies can collaborate and build new bridges to foster balanced and equitable growth.
- It acts as a Global platform for dialogue, debate, deliberation and engagement among leaders from all walks of life.
- The Summit also helps build new partnerships and explore national and international investment through high level networking and structured B2B (Business to Business) meetings.
- This year's Partnership summit theme is 'PARTNERSHIPS FOR LIVES, LIVELIHOOD AND GROWTH'.

Important Points regarding Indian Economy:

- FDI flows in India have grown at an impressive rate of 13% on a yearly basis to stand at US\$ 40 billion even during the peak pandemic period of April-September FY21.
- India has one of the most facilitative and congenial FDI policies in the world currently, with almost all sectors having 100% automatic FDI approvals in place.
- India has been systematically opening up to global investors and encouraging new businesses by forging strategic relationships with international investment partners.
- India has focussed on reforms in 4 key areas for facilitating growth-capital, labour, land and removing barriers for new businesses.
- The historic reforms in different sectors like defence, mining, finance, agriculture and labour will hold the country in good stead.

FUTURE PLANS:

- The aim is to grow sustainably at high levels and also achieve the target of becoming a US\$5 trillion economy by **2025**.
- The aspiration is to see India go **Glocal- providing world class infrastructure locally**, along with a burgeoning middle-class, offers a sea of opportunities for global investors.
- The use of **digitisation** to strengthen supply chain management should be the new norm among business communities.
- The only way to overcome the pandemic crisis is to collaborate in regional & global partnerships.
- The world requires cooperation and not isolation, India and the UAE have strong trade, investment and remittance links which have high future potential.
- To effectively tackle the pandemic, seven areas where global partnerships must focus include:
 - ❑ a stronger multipolar world,
 - ❑ support measures for overcoming Covid shocks,
 - ❑ Trade
 - ❑ Investments
 - ❑ employment generation
 - ❑ healthcare as important priorities and
 - ❑ facilitative policies for industrial competitiveness.

India and World Bank Signs \$400 million project

Context:

The Government of India and the World Bank signed a **\$400 million** project to protect India's poor and vulnerable from the impact of COVID-19.

About:

- The Government of India and the World Bank have signed a \$400 million project to support India's efforts at providing social assistance to the poor and vulnerable households, severely impacted by the COVID-19 pandemic.
- This is the second operation in a programmatic series of two. The first operation of \$750 million was approved in May 2020.
- The \$400 million credit is from the International Development Association (IDA) – the World Bank's concessionary lending arm.

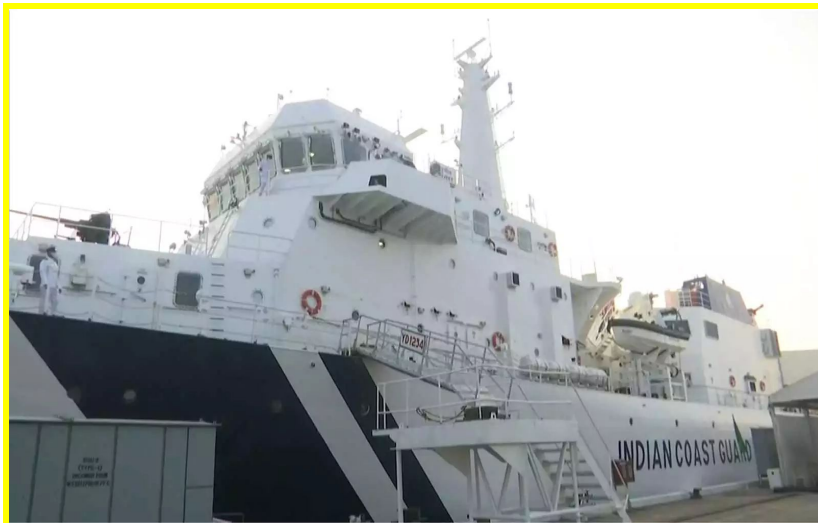
Objective:

The programme will strengthen the capability of state and national governments in India to provide coordinated and adequate social protection to the poor and vulnerable from the shocks triggered by the COVID-19 pandemic.

Indian Coast Guard Ship **Sujeet** commissioned in Goa

Context-

Indian Coast Guard offshore patrol vessel '**Sujeet**' commissioned in Vasco da Gama Goa. It is the second of five offshore patrol vessels built by Goa Shipyard Limited.



What is an Offshore vessel?

- The Offshore Patrol Vessel is a highly versatile ship, designed to perform Economic Exclusion Zone management roles, including the provision of maritime security to coastal areas and effective disaster relief.
- It is equipped with an air surveillance radar which can be used to detect low flying aircraft often used in smuggling operations.
- The ship's rigid inflatable boat can be deployed swiftly from the davits for recovery and rescue operations and gives the ability to conduct sea boarding.

About Indian coast guard:

- The Indian Coast Guard (ICG) is an Armed Force, Search and Rescue and Maritime Law Enforcement agency that protects India's maritime interests and enforces its maritime law.
- The Indian Coast Guard was formally established on 18 August 1978 by the Coast Guard Act, 1978 of the Parliament of India.
- It operates under the Ministry of Defence.

Important Point:

- **According to Indian Coast guard this vessel has been made in line with Prime Minister Narendra Modi's vision of 'Make in India'.**