



DAILY CURRENT AFFAIRS DATED ON 06-NOV-2018

General Studies-2

OPERATION GREENS

Why in News?

Ministry of Food Processing Industries(MoFPI) under Union Minister Smt Harsimrat Kaur Badal has approved the operationalisation strategy for Operation Greens today.

About Operation Greens:

Operation Greens was announced in the Budget speech of 2018-19 with an outlay of Rs 500 crores to stabilize the supply of Tomato, Onion and Potato(TOP) crops and to ensure availability of TOP crops throughout the country round the year without price volatility.

The strategy will comprise of a series of measures as decided by the Ministry which include:

(I) Short term Price Stabilisation Measures

NAFED will be the Nodal Agency to implement price stabilisation measures. MoFPI will provide 50% of the subsidy on the following two components:

(II) Long Term Integrated value chain development projects

- i. Capacity Building of FPOs & their consortium
- ii. Quality production
- iii. Post-harvest processing facilities
- iv. Agri-Logistics
- v. Marketing / Consumption Points
- vi. Creation and Management of e-platform for demand and supply management of TOP Crops.



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The pattern of assistance will comprise of grants-in-aid at the rate of 50% of the eligible project cost in all areas, subject to maximum Rs. 50 crores per project.

Background of Operation Greens

In the budget speech of 2018-19, a new Scheme "Operation Greens" was announced on the line of "Operation Flood", with an outlay of Rs.500 crore to promote Farmer Producers Organizations, agri-logistics, processing facilities and professional management.

Major objectives of "Operation Greens" are as under:

- i. Enhancing value realisation of TOP farmers by targeted interventions to strengthen TOP production clusters and their FPOs, and linking/connecting them with the market.
- ii. Price stabilisation for producers and consumers by proper production planning in the TOP clusters and introduction of dual use varieties.
- iii. Reduction in post-harvest losses by creation of farm gate infrastructure, development of suitable agro-logistics, creation of appropriate storage capacity linking consumption centres.
- iv. Increase in food processing capacities and value addition in TOP value chain with firm linkages with production clusters.
- v. Setting up of a market intelligence network to collect and collate real time data on demand and supply and price of TOP crops.

NMCG'S Bal Ganga Mela:

National Mission for Clean Ganga (NMCG) in partnership with HCL Foundation and German development agency GIZ (Deutsche Gesellschaft für Internationale Zusammenarbeit) organized "Bal Ganga Mela" at HCL's Noida campus on Sunday, November 4, 2018.

Significance of this day:

The day is symbolic as it marks the declaration of Ganga as the National River of India in 2008 and is dedicated to raising awareness about rejuvenating the holy river and teaching children to become environmentally aware and responsible citizens.



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About NMCG:

- NMCG is committed towards afforestation and conservation of the Ganga Basin's ecosystem and its indigenous flora and fauna.
- To scale up the momentum in this direction, NMCG also signed an MoU with the HCL Foundation to work on tributaries of Ganga, - Hindon and Yamuna and increase forest cover in parts of UP and Uttarakhand. The two organizations will work for:
 - Sensitization/awareness programs on Forest and Environment Conservation.
 - Urban and peri urban afforestation under the urban forest model of HCL Foundation- "Foundation Upvan.
 - Mass afforestation on Government allotted land and creation of Urban Forests in partnership with the HCL Foundation and District Administration.
 - Ensure plantation success rate of 60 to 70% at the end of 10 years from the date of signing of the MoU between both the parties.

General Studies-3

Pilot Ganga Grams

Union Minister for Drinking Water and Sanitation Ms. Uma Bharati has said that maintaining sustainable behavior towards better sanitation is everyone's responsibility.

What is Ganga Gram?

- Ganga Gram is a concept to transform the villages on the bank of river Ganga into ideal villages with emphasis on Open Defecation Free, Solid and Liquid Waste Management, Water Conservation, Ground Water Recharge, modern crematorium, tree plantation, organic and medicinal plants.
- After declaration of all 4465 Ganga Bank villages as ODF, the Ministry of Drinking Water and Sanitation is working in the direction of sustaining the ODF status of this area.



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Nuclear Triad

Prime Minister Shri Narendra Modi received today the crew of Strategic Strike Nuclear Submarine (SSBN) INS Arihant.

The submarine recently returned from its first deterrence patrol, completing the establishment of the country's survivable nuclear triad.

What is Nuclear triad?

- A **nuclear triad** is a three-pronged military force structure that consists of land-launched nuclear missiles, nuclear-missile-armed submarines and strategic aircraft with nuclear bombs and missiles.
- Specifically, these components are land-based [intercontinental ballistic missiles](#) (ICBMs), [strategic bombers](#), and [submarine-launched ballistic missiles](#) (SLBMs).
- The purpose of having this three-branched nuclear capability is to significantly reduce the possibility that an enemy could destroy all of a nation's nuclear forces in a [first-strike](#) attack.

About INS Arihant:

- **INS Arihant** (Sanskrit for "Slayer of Enemies") is the lead ship of [India's Arihant class](#) of [nuclear-powered ballistic missile submarines](#).
- The 6,000 tonne vessel was built under the [Advanced Technology Vessel \(ATV\)](#) project at the Ship Building Centre in the port city of [Visakhapatnam](#).
- Arihant was launched on 26 July 2009, the anniversary of [Vijay Diwas](#) ([Kargil War](#) Victory Day) by then [Prime Minister of India, Dr Manmohan Singh](#). After fitting out and extensive sea trials, on 23 February 2016, she was confirmed as ready for operations, and was commissioned in August 2016

India's Nuclear policy:

- As a responsible nation, India has put in place a robust nuclear command and control structure, effective safety assurance architecture and strict political control, under its Nuclear Command Authority.



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It remains committed to the doctrine of Credible Minimum Deterrence and No First Use, as enshrined in the decision taken by the Cabinet Committee on Security in its meeting chaired by the then Prime Minister Shri Atal Bihari Vajpayee on January 04, 2003.

Shakti- India's first indigenous microprocessor

Why in News?

Indian Institute of Technology Madras (IIT Madras) researchers have designed India's first indigenous microprocessor called 'Shakti'.

About Shakti:

- It is aimed at developing industrial-grade microprocessors and other components of the microprocessor ecosystem.
- It was designed, developed and booted by IIT Madras with microchip fabricated in ISRO's Semi-Conductor Laboratory at Chandigarh.
- It has been developed under project partly funded by Ministry of Electronics and Information Technology (MeitY), as part of two-decade-old efforts to develop indigenous microprocessors.

Significance:

The microprocessor will reduce dependency on imported microchips especially in communication and defence sectors and thus eliminate risk of cyber-attacks. It can be used in mobile computing, wireless and networking systems. It may also provide power to mobile phones, smart meters and surveillance cameras.