

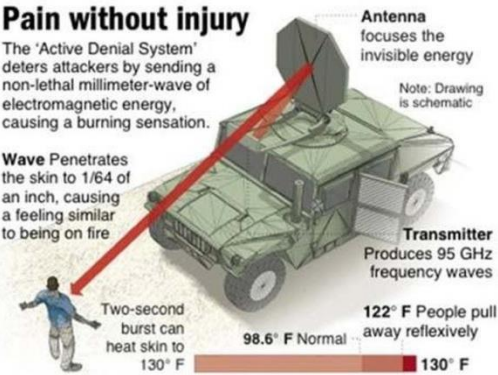
## CURRENT AFFAIRS= 19-11-2020

### MICROWAVE WEAPONS

#### Pain without injury

The 'Active Denial System' deters attackers by sending a non-lethal millimeter-wave of electromagnetic energy, causing a burning sensation.

Wave Penetrates the skin to 1/64 of an inch, causing a feeling similar to being on fire



The Indian Army has rejected “fake” a report which claimed that the Chinese army had used “microwave weapons” to drive Indian soldiers away from their positions in eastern Ladakh.

#### About:

Microwave Weapons are supposed to be a type of direct energy weapons, which aim highly focused energy in the form of sonic, laser, or

microwaves, at a target.

- Microwave Weapons use beams of high-frequency electromagnetic radiation to heat the water in a human target’s skin, causing pain and discomfort.
- A number of countries are thought to have developed these weapons to target both humans and electronic systems.
- Concerns have been raised on whether they can damage the eyes, or have a carcinogenic impact in the long term.

#### Which countries have these “microwave weapons”?

- China had first put on display its “microwave weapon”, called Poly WB-1, at an air show in 2014. The United States has also developed a prototype microwave-style weapon, which it calls the “Active Denial System”.
- The US apparently deployed such a weapon in Afghanistan, but withdrew it without ever using it against human targets.

#### Important Info :

In a microwave oven, an electron tube called a magnetron produces electromagnetic waves (microwaves) that bounce around the metal interior of the appliance, and are absorbed by the food.

The microwaves agitate the water molecules in the food, and their vibration produces heat that cooks the food. Foods with a high water content cook faster in a microwave often than drier foods.



## WORLD TOILET DAY



World Toilet Day is being celebrated on November 19. This year the theme remarks the importance of "Sustainable sanitation and climate change".

### About:

It is an official United Nations international observance day on 19 November to spread awareness about the global sanitation crisis.

- **Objective:** To reach, SDG #6 i.e. to reach everyone with sanitation, and halve the proportion of untreated wastewater and increase recycling and safe reuse.
- **History:** It was established by the World Toilet Organization in 2001. Twelve years later, the UN General Assembly declared World Toilet Day an official UN day in 2013.
- **Convener:** UN-Water is the official convener of World Toilet Day.
- **How is it observed?** World Toilet Day is marked by educational campaigns and other activities. Events are planned by UN-Water, local civil society organizations and volunteers.

## GIS ONE DISTRICT ONE PRODUCT (ODOP) DIGITAL MAP OF INDIA

The Ministry of Food Processing launched the GIS One District One Product (ODOP) digital map of India.

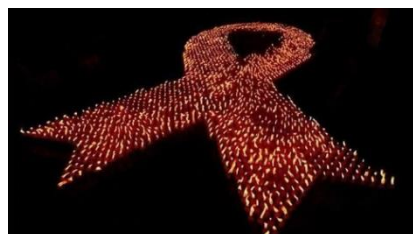


### About:

The digital ODOP map provides detailed information about ODOP products to all stakeholders.

The GIS ODOP digital map of India provides details of ODOP products of all the states and facilitates the stakeholders.

- The digital map also has indicators for tribal, SC, ST, and aspirational districts. It will enable stakeholders to make concerted efforts for its value chain development.



## GLOBAL HIV PREVENTION COALITION (GPC)

**Union Minister for Health and Family Welfare addressed the Ministerial meeting of the Global HIV Prevention Coalition (GPC).**

### About:

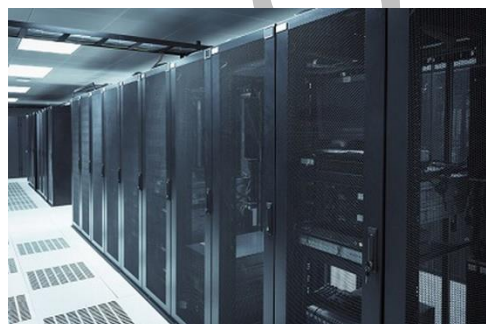
- Hosted by UNAIDS and UNFPA on behalf of the Global HIV Prevention Coalition (GPC), the conference this year holds significance in achieving the 2016 UNGA commitment to end AIDS by 2030.
- Member States of GPC had agreed to reduce new adult HIV infections by 75% at the end of 2020 from 2010 levels.

### Important Info :

In 2017, a global coalition of United Nations Member States, donors, civil society organizations and implementers was established to support global efforts to accelerate HIV prevention.

Membership includes the 25 highest HIV burden countries, UNAIDS Cosponsors, donors, and civil society and private sector organizations.

The overarching goal of the Global HIV Prevention Coalition is to strengthen and sustain political commitment for primary prevention by setting a common agenda among key policy-makers, funders and programme implementers.



## PARAM SIDDHI

**Indian supercomputer Param Siddhi has achieved global ranking of 63 in TOP 500 most powerful non-distributed computer systems in the world released on 16th November 2020.**

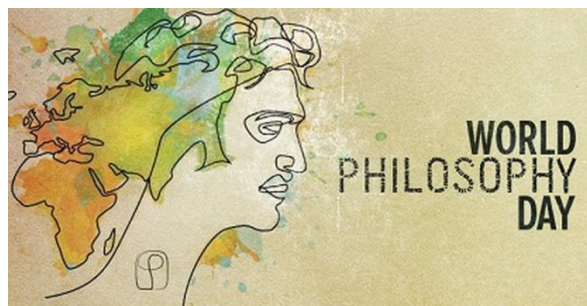
### About:

- Param Siddhi is the high performance computing-artificial intelligence (HPC-AI) supercomputer established under National Supercomputing Mission (NSM) at C-DAC.

- The supercomputer with Rpeak of 5.267 Petaflops and 4.6 Petaflops Rmax (Sustained) was conceived by C-DAC and developed jointly with support of Department of Science and Technology (DST), Ministry of Electronics and Information Technology (MeitY) under NSM

## WORLD PHILOSOPHY DAY

World Philosophy Day is being observed on 19 November.



### About:

World Philosophy Day was introduced in 2002 by UNESCO to foster philosophical analysis, research and studies on major contemporary issues, so as to respond more effectively to the challenges that are confronting humanity today.

- In 2005 the UNESCO General Conference proclaimed that World Philosophy Day would be **celebrated every third Thursday of November.**
- The 2020 edition invites the world to reflect on the meaning of the current pandemic, underlining the need, more than ever before, to resort to philosophical reflection in order to face the multiple crises we are going through.

### Important Info :

Philosophy is the study of the nature of reality and existence, of what is possible to know, and of right and wrong behaviour. It comes from the Greek word *philosophía*, meaning 'the love of wisdom.'