



# IAS PARLIAMENT

*Information is Empowering*  
A Shankar IAS Academy Initiative

## Prelim Bits 11-02-2018

### Microsoft HoloLens-Augmented Reality

\n\n

- \n
  - Augmented reality headsets -HoloLens can help doctors 'see through' organs and tissues in the operating theatre,
  - \n
  - The advancement improves the outcome of reconstructive surgery for patients.
  - \n
  - The approach can help surgeons locate and reconnect key blood vessels during reconstructive surgery, which could improve outcomes for patients
  - \n
  - Augmented reality (AR) is a **live direct or indirect view** of a physical, real-world environment whose elements are "augmented" by computer-generated perceptual information.
  - \n
  - Other Fields of applications are: Archaeology, Architecture, Education, commerce.
  - \n

\n\n

### Transformation of aspirational districts program

\n\n

- \n
  - Fourteen districts from Northeast have been identified for "Aspirational Development" under the program.
  - \n
  - "Transformation of Aspirational Districts" programme is under the aegis of NITI Aayog, under the guidance of Prime minister of India.
  - \n
  - The main factors determining whether the given district is backward or not will be based on sectors like health, nutrition, education and agriculture.

- \n
- For each district, a four-tier supervisory mechanism has been put in place with a Central Nodal Officer from the Union Government, a State Nodal Officer from concerned State Govt, a District Nodal Officer / District Collector and a Union Minister-in-charge.
- \n

\n\n

### **National Meet on Grassroot Informatics**

\n\n

- \n
- National Informatics Centre (NIC) is organizing a three-day National Meet on Grassroot Informatics- VIVID 2018.
- \n
- It is a platform for knowledge sharing which provides for interaction of officials and leveraging on each other's experience and best practices.
- \n
- The Theme for VIVID 2018 is **"Cyber Security and Innovation"**.
- \n
- The National Meet will cover the Emerging Technologies (Internet of Things, Artificial Intelligence, Machine Learning & Big Data Analytics), Cyber Threats & Counter Measures, Critical Information Infrastructure protection (NIC-CERT).
- \n

\n\n

\n\n

**Source: PIB, The Hindu, Business Standard**

\n



**IAS PARLIAMENT**  
*Information is Empowering*  
A Shankar IAS Academy Initiative