Prelim Bits 11-02-2018

Microsoft HoloLens-Augmented Reality

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- Augmented reality headsets -HoloLens can help doctors ‘see through’ organs and tissues in the operating theatre,
- The advancement improves the outcome of reconstructive surgery for patients.
- The approach can help surgeons locate and reconnect key blood vessels during reconstructive surgery, which could improve outcomes for patients
- 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.
- Other Fields of applications are: Archaeology, Architecture, Education, commerce.

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Transformation of aspirational districts program

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

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- National Informatics Centre (NIC) is organizing a three-day National Meet on Grassroot Informatics- VIVID 2018.
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- It is a platform for knowledge sharing which providesfor interaction of officials and leveraging on each other's experience and best practices.
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- The Theme for VIVID 2018 is **"Cyber Security and Innovation".**
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- 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).
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Source: PIB, **The Hindu, Business Standard**

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