



## A new wave of modern PCs

Windows has always been about deep partnerships that marry the best innovation across hardware, software, and services to provide our customers with ground-breaking experiences and great device choices. One of our most important partners making this possible is Intel, and today, I'm thrilled to announce our latest collaboration, codenamed "Project Evo."

## Colla: a Digital Collaborator Seeker

Established: March 1, 2016

Colla, abbreviation of "Collaboration Bot", is a bot who can help people collaborate with their colleagues in a more convenient way. Colla could find the right person with a particular expertise and arrange online discussions among users.

## PROJECT EVO!



With Project Evo, Microsoft and Intel will deliver all-new ways for devices to light up with the latest in advanced security, artificial intelligence and Cortana, mixed reality, and gaming. Through this collaboration, devices of the future will leverage Microsoft and Intel innovations including:

- Far-field speech communications so you can ask Cortana a question or play a song from across the room.
- The latest security capabilities to protect devices from malware and hacking threats, advances in biometric authentication with Windows Hello, sophisticated insights from Microsoft's Intelligent Security Graph, additional world-class security intelligence, and analytics from Intel.
- Mixed reality experiences for everyone through affordable PCs and head mounted displays (HMDs) that blend the physical and virtual realities in ways that no other platform can.
- Gaming innovations like eSports, game broadcasting and support for 4K, High Dynamic Range (HDR), Wide Color Gamut (WCG), spatial audio, and Xbox controllers with native Bluetooth.

### TIT-BIT CORNER

- Indian Government recently invested 1.25 Billion USD in AUTOMATED DRONES for surveillance and security!
- Android Wear gives Google an edge on the market by standardizing the OS across most manufacturers, much like Android did with its smartphone OS 7 years ago.
- Microsoft has created a new experimental chatbot, called Project Murphy that you can converse with via Facebook Messenger, Skype, or Telegram.



INNOVOO- the Department Society of IT-Department organized Geek-Speak, an extempore. It was a picture based extempore and the topics included technical as well as non-technical matter. Around 30 students of second year participated in the event. First prize was won by Shivangi Prateek.



**QUICK-PICK**  
**STAGE-MASTER**  
**MIND-COMBAT**

## This is Mixed Reality!

Mixed reality encompasses a wide range of experiences that previously were considered to be only augmented reality or only virtual reality. In mixed reality, people, places, and objects from your physical and virtual worlds merge together in a blended environment that becomes your canvas.

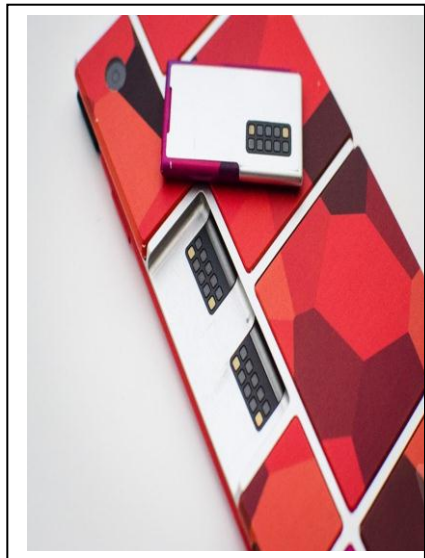
## Mixed reality for everyone

Feeling present in your environment is a key aspect of mixed reality, enabling you to move naturally, interact, and explore in three dimensions. Windows 10 will enable this experience for a variety of headsets, from fully self-contained holographic computers like HoloLens to the most innovative and affordable accessories available to consumers.

Microsoft HoloLens is the first self-contained, holographic computer, enabling you to engage with your digital content and interact with holograms in the world around you.



**MEET ARA.  
THE MODULAR  
PHONE**



LIFE AND TECHNOLOGY CHANGE QUICKLY, SO DOES ARA.

**MIX.MATCH.SWAP**

Slide any Ara module into any slot and it just works. Powering this simplicity is Greybus, a new bit of software deep in the Android stack. Greybus supports instantaneous connections, power efficiency and data-transfer rates of up to 11.9 Gbps.

**LOGIX**

You can place weights on both side of weighing balance and you need to measure all weights between 1 and 1000. For example if you have weights 1 and 3, now you can measure 1,3 and 4 like earlier case, and also you can measure 2, by placing 3 on one side and 1 on the side which contain the substance to be weighed. So question again is how many minimum weights and of what denominations you need to measure all weights from 1kg to 1000kg.

Answer will be published in the next issue

**Solution to the Egg Dropping Problem is: we need a max of 35**

**GOOGLE TANGO**

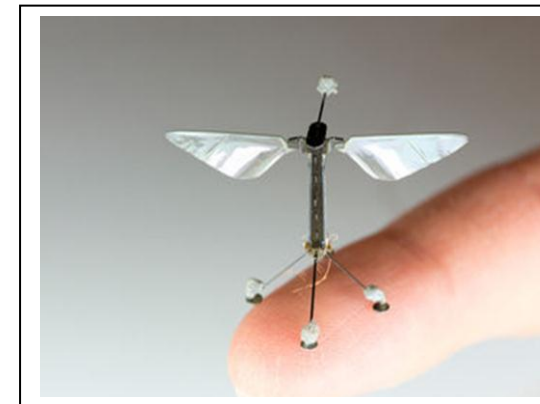
More to see, more to enjoy, more to discover.

Tango lets you see more of your world. Just hold up your phone, and watch as virtual objects and information appear on top of your surroundings. So no matter where you are, there's always a richer, deeper experience to engage with, explore and enjoy. You'll see.

From navigating turbulence, to sleeping midflight, to soaring without a sound, animals' flight adaptations are helping scientists design better flying robots.

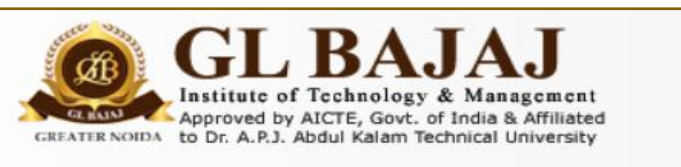
Airborne drones and the animals they mimic are featured in 18 new studies published online Dec. 15 in the journal [Interface Focus](#).

**10 TRENDS**



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DEPARTMENT OF INFORMATION TECHNOLOGY

**TECHNO-DRISHTEE**  
AN IT-CHRONICLE  
WINTER EDITION DEC'16  
Vol. 1 Issue 2

IN THIS ISSUE

**Glimpse of 2016**

2016 is passing away leaving behind memories. In this issue a glimpse of major activities of 2016 has been shown on the very first page.

**Techno-Corner**

A brief introduction to some of the technological advancements and new innovations are placed here. More on Page 2

**Departmental Activities**

An account of all the activities and competitions organized at department level to enhance the technical and overall skills of the students. More on Page 3

**LOGIX**

Logic and reasoning based questions. And answer to the previous issue.

**2016 - YEAR FULL OF EXCITING EVENTS!!**



**From the Editor's Pen**

Year 2016 has been a year, where we have explored the different dimensions of the IT world. This year has been, for us the year full of events where our faculties and students have taken part enthusiastically in various events like extempore, code combat, quiz master and many more. Our students have shown the true sportsmanship during every event and made it a success all the time.

Our faculties have attended various workshops and actively participated in various research-oriented development programs in 2016.

Things learnt in 2016 will be base for the coming year 2017. We wish year 2017 will be more vibrant and full of prosperity and development to all of us.

So, Bye-Bye 2016!  
Welcome 2017

