

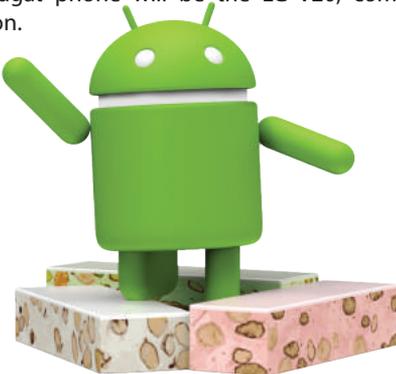
- Easy Pull-Down Shade Editing
- Easy Notification Editing
- The Secret 'UI Tuner'
- Quick Switch
- Split-Screen Mode

Android 7.0 Nougat

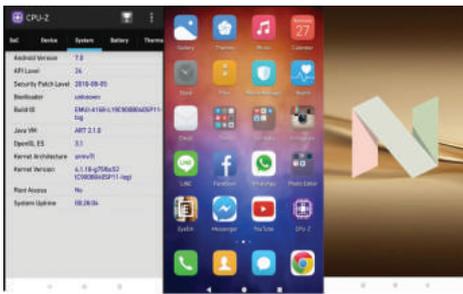
The latest version of Android Operating System has been released. Android Nougat has upgraded their battery saver mode, now supports multi-window displays, and much more.

Android Nougat Front Page Inside

Android launched the latest version of its operating system, Android Nougat 7.0. It released on August 22, 2016 on Nexus 6, Nexus 5X, Nexus 6P, Nexus 9, Nexus Player, Pixel C and General Mobile 4G (Android One) as the first devices to receive the update. They also announced the first in-box Android Nougat phone will be the LG V20, coming soon.



Nougat has a different take on its most notable features previously, giving the operating system a new look and feel. Android Nougat includes the ability to display various apps on-screen at once in a split-screen view with just a double-click motion, support for inline answers to notifications without opening the app, and improved graphic cards for gaming and VR experiencing. The notification bar has been reshaped, featuring a narrow row of icons for settings while replacing notice cards with a new sheet design for a quick glance interface. The Data Saver feature limits the amount of data used by background apps. Doze Mode similarly lowers battery power automatically when the phone is not in use. There are many more customizable features on the new operating system that makes Android what they are best known for -- making your phone your own. ■



THE VOICE is a monthly newsletter, published by the management of Skylite Networks Private Limited. This brings informational and educational material for our employees, friends and families. It serves the purpose of employee development and communication. Skylite Networks Private Limited maintains its headquarters in Silicon Valley (Milpitas, California) with satellite offices in Rabwah, Accra and Lagos. For questions and comments, Contacts: thevoice@skylite.com

The iPhone 7 Sneak Peek

The fabled iPhone 7 has many people impatient for its launch. Let's explore what the new phone has to offer and see how satisfied you would be with an iPhone 7 in your hand. Starting with the external conditioning of it, the headphone jack has been removed for a sleeker look along with the antenna moved to the top. There are also new colors available for the first time, debuting the new matte black and a high-gloss jet black.

The camera has been refined with an improved front camera and a dual camera on the back for a full depth appearance in photos. The FaceTime HD camera went from 5-megapixels to 7 that incorporates image stabilization for more focused images.

While there aren't any improvements in screen resolution, other internal specs have been upgraded. Using a new processor, iPhone 7 is supposed to be twice as powerful and will end the long time struggle of a fast dying battery.



Most notable in the new iPhone is the lack of an audio jack. Apple has been in the works of being the first company to introduce a headphone jack-less smartphone for a while and now they're putting it to the test. In an attempt to make the iPhone 7 look more sleek, they've added new stereo speakers with a dynamic range of sound that promises to be of higher quality. There are other audio alternatives that can bring your headphones back to life without purchasing the new \$150 EarPods, but you'll be carrying around a tiny adapter that could easily be misplaced.

Looking at the overall view of the new iPhone 7, it could be worth purchasing if you have an iPhone 5 model or earlier since the iOS 10 update won't be of great significance to the older models. Besides that, it could be fun trying out the first phone with no headphone jack! ■

Google Allo The Smart Messaging App

One thing humans are good at is adapting; it's in our DNA to try new things to see if it can outshine what we previously knew to be right. Technology works in the same way in the form of beta products. Google, the company that has brought out successful apps due to their beta programs, has created a new smart messaging app called Google Allo. Allo has great potential to be in the same league as iMessage, WhatsApp, and the likes. On top of that, there are some nifty features that set Google Allo apart from its competitors, the most notable being Google Assistant. Google Assistant acts as the Siri for Google's own platform. You can ask it anything as if it's a search engine and it will give you a quick response in chat form. It's easy to activate Assistant in any chat by tagging #google before the task. Assistant is also great for text predictions. That's one advantage of evolving in the Google ecosystem, with data coming from Gmail, Drive, and Google's search history, that helps Assistant know what you want before you even know you want it. Of course, this is just the start of Assistant, and only with time will it improve. For those who use Google Chrome



Incognito to evade cookies and divert Google from collecting your search history, it only makes sense that Google will have an Incognito chat. With Incognito chat, conversations use end-to-end encryption and are deleted permanently after a set period of time. Compared to Apple's iMessage, Allo holds its own with SMS capabilities. If you are texting via iMessage to another iMessage recipient, text boxes will show blue to mark as an instant message (IM) over the internet instead of cellular networks. If a text is sent to a non-iMessage user, messages will show up as green, which can be bothersome to using cellular network instead of the internet. Allo has similar functions in that it can send to other Allo users as an IM and as a SMS. Overall, Google is stepping into the world of smartmessaging, following Apple's footsteps, with its own in-app artificial intelligence that acts as a "launchpad for other apps" in lieu of its search engine capability. Google has high hopes for Assistant to be on other platforms in the future. This is just the stepping stone for their AI persona. Google Assistant will soon be included in Google Home, their own home product that compares to Amazon Echo. Just like Alexa adapts to its users and becomes better at servicing them, Assistant will also improve in time. After all, there isn't a lack of knowledge on Google's end that will help Assistant better adapt to you. ■

Freestyle Libre Sensor Device to reduce low blood sugar

The Digital Revolution of Books

Tech Updates



There is good news for diabetic patients who often suffer from low blood sugar due to the intake of so many medicines that increase their insulin level in the body. Low blood sugar is a very common disease that is apparent in almost every other person, especially the youth. It can occur from skipping meals, taking too many medications, exercising too much, eating less than normal, and many other reasons. In more extreme cases, it could lead to unconsciousness. A new wearable device has been introduced for patients of low blood sugar that helps to reduce the amount of episodes that happen. The new Freestyle Libre sensor, a mini device which you can easily wear on your upper arm. This can automatically check the blood sugar level every 15 minutes and save all the records online. There is a separate device that is used to read the information that is placed closer to Libre Sensor and will show current levels of glucose. It will take blood sugar readings of the previous 8 hours to check whether it has been falling or rising. This process can be repeated upon requirement. To test to see if the device



works, patients wore the device on their arms and found significant reduction in low blood sugar, also referred to as 'hypoglycemia'. This device has reduced their hypoglycemia during day and night time. Dr. Jan Bolinder of Karolinska University Hospital, Stockholm, Sweden, told media news that 'patients who have used Freestyle Libre sensor see immediate results that is decreased in hypoglycemia.' According to researchers, the improvement in this field to reduce the low blood sugar resulted from high attention of doctors and medical researchers towards blood glucose. This Freestyle Libre device is only available in Europe currently and is manufactured by Abbott. The manufacturing company is working on its approval in the United States of America, and after getting approved, it will be available in US also. ■

Stony Brook of the State University of New York underwent a bookstore change from college textbooks to regular books, materials, and a Starbucks cafe. Where did the text bookstore go? Students now have to order their textbooks from the college store on Amazon that delivers books to their local bookstores. A similar bookstore for colleges has also been done by Barnes & Noble, the program goes by the name of Barnes & Noble College. What benefits comes from this shift? It brings more affordable prices for books and materials. However, humans are still adapted to doing their shopping in-person, especially the Millennials and Generation Z population. Not only does it make buying textbooks more difficult by removing the luxury of a physical textbook store, but textbook sales have also been rising significantly. There's been an 88% increase in just a decade. Textbooks aren't the only materials that are needed nowadays for courses. All sorts of institutions, from 4-year universities to private universities, now also require



digital access codes along with the textbook. Digital Access Codes are one-time use serial numbers that give access to online materials (quizzes, assistance, digital textbooks, and other tools) that may be required by most instructors. These codes alone cost on average \$100 US. While college textbooks are at an all-time high price, book sales have also been taking a hit in the e-book department this year. The latest shift is headed towards audiobooks with a 35.3% increase during the first quarter of 2016. A factor in the decline of e-books this year has to do with the publisher's marketing strategy of release dates for new arrivals. New books are released primarily at the beginning of summer and in the fall in time for holiday spending. It's no wonder the first quarter of the year is always doing worse off than the rest of the year. But looking at previous year's data, 2016 is doing more poorly. A move from publishers may have brought on the fall of e-books when a deal with Amazon was struck to set their own prices for e-books. Now e-book prices are comparable to paperback and hardcover books. The only cheap e-books left are self-published e-books in the Amazon Kindle Store. But when do these e-books come in handy if there's less time for leisurely reading? It so happens there's also been a big decline in that category in recent years. ■

Here's the latest with what top companies, like Google and Amazon, have been up to as of recent:

- **Google made Smart Messaging App:**
Google Allo has been released as their smart messaging app on Android and iOS.
- **Google Home:**
Introducing Google Home: the new home product that' price has been set at \$129 US, \$50 less than Amazon Echo.
- **New Source of Energy:**
Amazon bringing in a new source of energy with a new wind mill farm in Texas, USA to power its Amazon Web Services.
- **From Self Driving Cars:**
The first car crash for its self-driving car leaves Google as the victim.
- **A New Car Hack:**
Tesla experienced a new car hack that took control over a car's brake while in motion that leads the suspects to be from China.
- **Android Nougat:**
The latest Android OS was named Nougat, so what's better than gifting the capital of nougat a statue of Android Nougat?
- **Pixel Replace The Nexus Series:**
Pixel and Pixel XL, rumored to be Google's new smartphones to replace the Nexus series, are assumed to be debuted on October 4th (with leaked images).
- **Mars Habitable:**
Elon Musk has a plan to make Mars habitable by 2026.
- **Chromecast Ultra:**
Chromecast Ultra's price is set at \$69 US with 4K and HDR capabilities.
- **Amazon Echo Dot:**
Amazon Echo Dot, the miniature version of Amazon Echo, is back at only \$50 US.
- **Plan by Mercedes-Benz:**
Mercedes-Benz plans on making the first fully electric van by 2026, and hopefully being the first of their competitors at having it on the road.
- **Drones Delivery by UPS:**
UPS to bring drones into their delivery service.
- **Snapchat update's:**
Snapchat update brings it a new name, Snap, and their own smart sunglasses.
- **Sparks in Galaxy Note 2:**
Another Samsung Galaxy phone causes sparks in the Note 2.
- **Hydrogen-powered Train:**
The first hydrogen-powered train will debut in Germany soon.

Employee of the Month

Skylite Networks has been working on creating a motivational environment at work by encouraging employees to participate in different competitions. From these competitions, we reward the most dedicated and creative



employee the recognition of Employee of the Month, and for the month of September, the winner is Mr. Kashif Waheed Mirza.

Mr. Kashif Waheed Mirza joined Skylite Networks in 2012 after completing his B.Com. He proved his skills after joining and soon became a valuable part of the company. He was appointed as the Account Executive in 2014, and now he is working as Account Manager. He brought a prominent change in the Accounting department after introducing new payment systems for the company that saved time and improved accuracy of the accounts. His loyalty, devotion, and hardworking attitude towards his duty has made him one of the most vital parts of the company now. ■

How to Master the New iOS 10 Update

New month, new iOS update. iOS 10 introduces some big changes in the user interface and Siri on iPhones. Some notable user interface changes are in the lock screen and the control center of the phone. The control center re-organized settings and options, including the new 3D Touch feature. The lock screen is now more interactive and useful and eliminates the need to unlock the phone with the help of widgets and notifications being accessible on the lock screen. Notifications - both on the drop down menu and lock screen - have taken some well-loved features from Android. iOS now allows notifications to show more options by dragging it down. Widgets also comes from Android - allowing an app to be usable without launching the app. However, it only works on the lock screen. And yet another Google takeaway feature is the organizational style of Photos. It automatically organizes pictures by memories and dates given in the metadata. It seems fishy that Google released a new smart messaging app just as Apple revamped their iMessages app with more Facebook Messenger-like features. Stickers are available on a lot of messaging apps nowadays, so it's no surprise Apple now includes them too. You can also now text with more voice-like effect with the help of bubble effects. It allows texts to have timed visual effects, such as 'Invisible Ink' that gives a pixelated text that a user has to swipe over for it to be legible. One of the more popular features is the text-to-emoji capability. User has control over which emoji the text is translated into while making it faster to text with emojis. Did iOS finally incorporate split screen functionality?



Only on Safari. You can now view two tabs in one screen. Safari also added Apple Pay as a payment method. Finally. Now for the new Siri updates, there's a lot to go over. When Apple released Siri in 2011, there was a lot of hope and potential for the AI. Finally, it can redeem itself with some new features. With the competition coming up short with new AI from Amazon and Google, Siri is now equipped with new text predictions in iMessages, continuous commands on multiple Apple platforms, and a whole lot of third-party app commands. There's also now voice-activated texting on third-party messaging apps, as well. It's also easier than ever to hitch an Uber ride with Siri. What people are probably most excited for in the iOS 10 update is the option to uninstall the stock apps that nobody uses. However, the drawback from uninstalling certain stock apps debilitates Siri from functioning in regards to those apps' functions. For example, by deleting the Mail app, you won't be able to tell Siri to send out an email at all. It will just lead you to the Appstore to reinstall the Mail app. These are only the beginning of new features on iOS 10, and it is well worth the update for iPhone and iPad users! ■

Introductory Seminar In Ahmad Nager

Skylite Institute of Information Technology (SIIT) organized an informative session in Ahmad Nager in order to provide awareness and importance of computer education and Information Technology. This event was held after Maghrib prayers on September 27, 2016. The programme was aimed to educate our youth about emerging technologies. The experts spoke on the significance and importance of IT industry in this day and age. They further elaborated the availability of wide range of opportunities in this domain. Young and old, students and parents, they all took deep interest in the presentation. There was an active question/answer session before the conclusion of the event. ■



The Voice

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