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From the Editor

Tarun Taunk | Editor-in-Chief

“Becoming a Philanthropist, giving back for welfare of others”

Doing good for yourself is a priority but giving back to the community or helping for a good cause, caring about the welfare of the others is also an important factor later in your life.

If you have earned enough fame and money, you should definitely give a thought about doing the better for the others too.

Indian Industry's one of the biggest tycoon Jamsetji Tata has been given the title of the biggest philanthropist of the century, and has donated USD 102 billion as per the top-50 givers by Hurun Report and EdelGive Foundation.

Jamsetji Tata, the founder of what has now become interests from salt to software, a pioneer of our own India, is now ahead of others like Bill Gates and Melinda who have donated USD 74.6 billion, Warren Buffet - USD 37.4 billion and many others.

There is another Indian on the list as well, Azim Premji of Wipro, donating USD 22 billion for the causes.

Seeing one of ours at the top brings a huge inspiration for others too trying to do the same. If you think you have the time and ability to provide efforts for the same, money shouldn't be a concern, a lot of people contribute voluntarily in-

stead of contributing financially too.

Certain studies have also shown that philanthropy benefits to both the receiver as well as the giver too. It in turn brings overall happiness in one's life, better sense of connection to the others and to the community too bringing in lower stress level.

You don't need a reason to give back to the community, and Philanthropy should not be compared to democracy or related to any political benefits or concern.

Because a lot of philanthropic activities manipulates democratic processes more than any campaign planned to achieve a certain thing. And there is a very good reason to be concerned about if it impacts democracy more than it influences normal philanthropic activity.

All the good and rich philanthropist can set a standard in order to never mix in politics with philanthropy, as doing good for the causes should be irrelevant of the concerns or disputes or any sort of thing in the political matter.

Karma does pay off even if you do good without expecting something in return. vv

A handwritten signature in black ink, appearing to be 'Tarun Taunk', located at the bottom right of the page.

A Step-Up for Satya Nadella

Satya Nadella appointed as Chairman of Microsoft



Tech giant Microsoft Corp has announced Chief Executive Officer Satya Nadella will now be the chairman of the company. He will take the additional role where he will set the agenda for the board in a leadership position.

Satya Nadella was elected unanimously as the chairman of the Microsoft Board by the board's independent directors. Similarly, John W Thompson was also elected as the lead

independent director unanimously. Thompson had previously held the position from 2012 to 2014.

It is only the second time in twenty years that the same person will hold the key responsibilities of Microsoft CEO and chairman. Before Nadella, the founder of Microsoft Bill Gates held the two roles.

Nadella has led the tech giant to become one of the most valuable companies in the world. He has been serving as the

chief executive officer since 2014 and the company has grown exemplarily under his leadership. The cloud computing, mobile applications, and artificial intelligence segments have proven to be profitable for the company. Under the leadership, the share prices have increased more than seven times and the market cap of the company rose close to \$2 trillion.

"In this role, Nadella will lead the work to set the agenda for the board, leveraging his deep understanding of the business to elevate the right strategic opportunities and identify key risks and mitigation approaches for the board's review," – official statement

Rackspace Technology Announces Enhanced Full-lifecycle Cloud Native Development Capabilities

Rackspace Technology® (NASDAQ: RXT), a leading end-to-end, multicloud technology solutions company, announced today enhanced full-lifecycle Cloud Native Development (CND) Professional Services capabilities to the Rackspace Technology portfolio that help customers build modern applications.

The enhanced full-lifecycle CND capabilities help customers develop modern applications that take advantage of cloud native technologies and microservices architectures. From ide-

ation and user experience design to development and deployment, Rackspace Technology works alongside our customers to re-engineer their legacy applications and build new modern applications that maximize the agility, reliability and cost-saving benefits of the cloud.

Rackspace Technology delivers unmatched CND capabilities by leveraging reusable patterns and defined best practices from two decades of expertise across various industries from healthcare and life sciences to transportation and logistics,

that are driving cloud native adoption. In addition, with specialization in .NET to .NET Core, cloud native SaaS platforms and a proven framework for monolith to microservices decomposition, Rackspace Technology accelerates customers' modern application adoption.

"Our engineering expertise in cloud-native technologies, cloud platforms, modern architectures, tools, and programming languages enable us to efficiently deliver the best outcomes for customers," said Amir Kashani, VP Cloud-Native Development & IoT Solutions at Rackspace Technology. "We're the ideal combination of strategic consulting and engineering excellence which allows us to deliver business outcomes and help our customers innovate."

rackspace
technology

Nokia launches next-generation AirScale 5G portfolio powered by Reef-Shark technology

Nokia today announced the global launch of its latest range of industry-leading AirScale 5G products covering baseband, remote radio heads, and massive MIMO active antennas with digital beamforming. The innovative solutions are powered by the latest generation of Nokia's ReefShark System-on-Chip (SoC) chipsets and deliver the highest capacity and network performance while enabling efficient deployments and operation. The rollout of the new products is already underway.

Nokia introduces its new generation of Reef-Shark-powered AirScale massive MIMO antennas with both 32TRX and 64TRX products, as well as 8T8R remote radio head solutions. The 32TRX is the industry's lightest, at 17kg, simplifying and speeding up site deployments. Notably, this low weight is achieved at the same time as supporting high radio frequency bandwidth (200 MHz occupied bandwidth and 400 MHz instantaneous bandwidth) and delivering high radio frequency power output, without compromise.





**Sunil Sharma, Managing Director,
India, and SAARC of Sophos**

Mr. Sunil Sharma, Managing Director, India, and SAARC of Sophos discussed effective strategies against ransomware attacks and much more with the team IT-Voice. Here is an excerpt from the interaction.

Prateek: The threat of ransomware attacks has increased multifold with

Sunil Sharma, MD Sophos India & SAARC discusses effective strategies against ransomware attack & much more

the increase in remote working. What steps must be taken for protection from these threats?

Sunil Sharma: Sophos recommends the following best practices to help defend against ransomware and related cyberattacks:

- Be Prepared in Advance for a Ransomware Attack. Ransomware remains highly prevalent. No sector, country, or organization size is immune from the risk. The best way, to stop a full-blown ransomware attack, is to prepare in advance. A proactive incident response plan that includes 24x7 threat hunting, can help organizations prevent a sophisticated ransomware attack.
- Deploy layered protection. As more ransomware attacks also involve extortion, it is more important than ever to

keep adversaries out in the first place. Use layered protection to block attackers at as many points as possible across an estate

- Combine human experts and anti-ransomware technology. The key to stopping ransomware is defense in depth that combines dedicated anti-ransomware technology and human-led threat hunting.

- Don't pay the ransom. Easy to say, but far less easy to do when an organization has ground to a halt due to a ransomware attack. Independent of any ethical considerations, paying the ransom is an ineffective way to get data back. If you do decide to pay, bear in mind that the adversaries will restore, on average, only around three-quarters of your files.

Covid19 has shaken the entire education structure in a much desired manner – Gajendra Jaiswal, Edulyte Marketplace

Edulyte Marketplace is an edtech start-up that aims to make quality education accessible to all. Edulyte connects students across India from metros to towns to tier 3 cities with the teachers who share their knowledge & information with the learners. Recently Team IT-Voice interacted with Gajendra Jaiswal, Founder & CEO of Edulyte Marketplace. Here is a brief from the short interaction.

Prateek: What is the vision behind Edulyte Marketplace?

Gajendra Jaiswal: We strive to revolutionize the learning environment and create a valuable relationship between educators, learners, and technology. We focus on creating new ways to learn and experiment. Quality education with technology at its core is to be

made accessible within a shared economy model. We believe that the upliftment of teachers equals a better society and an inspired world.

Prateek: With the inception of technology, much-needed changes are being seen in the Education sector. What trends will dominate in the coming years?

Gajendra Jaiswal: Edulyte Marketplace firmly believes that AI, Hybrid Learning, Gamification, and the adoption of personalized learning will dominate the education sector. These are not merely trends but phenomena that will be governing and modifying the face of education. Their impact can be felt already and we know it is just the beginning.



**Gajendra Jaiswal,
Founder & CEO of Edulyte Marketplace**

Prateek: What are some of the challenges & gaps in the Indian Ecosystem?

Gajendra Jaiswal: As the pandemic has shown, digital learning is yet to reach the grassroots level. There is a stark difference between those who have access to technology and affordable data and those who do not. This has emerged as a major challenge in the Indian education ecosystem.

The scalable AI service helped businesses handle a large number of customer queries flowing in – Amit Gandhi, NovelVox

NovelVox is a software product house, which has been operating in the contact center industry for more than a decade. Founded by young and tech-savvy entrepreneur Amit Kumar Gandhi in 2008, the company offers tools to integrate an industry's core applications, thereby offering a solution that is optimized for any specific industry segment. Below is an excerpt from a recent interaction with Mr. Amit Gandhi, Founder of Novel Vox covering various topics related to the industry.

Prateek: How has the consumer contact space changed in last year?

Amit Gandhi: In one sentence – consumer contact space has under-

gone complete digital transformation. Consumers are using digital platforms to connect, learn or shop and embracing digital commerce. People are keen on receiving value-based services backed by convenience and availability from brands. Cloud technologies, self-service, and omnichannel engagement are the heroes, revolutionizing customer service and experience during the pandemic and post it.

The pandemic phase was challenging for contact centers with on-premise solutions that instantly failed to switch to cloud technology immediately. But it gave a new life to self-service. Consumers approached self-help in every



Amit Gandhi, Founder of Novel Vox

available form including, access to Knowledge Base, IVR, chatbots. Artificial Intelligence with Machine learning (ML) and Natural Language Processing (NLP) made life easier for consumers and businesses, delivering a personalized experience.

By taking a hybrid cloud approach, IT teams are becoming more agile and efficient – Prashanth G J, TechnoBind



Prashanth, CEO TechnoBind

TechnoBind is the first Specialist Distributor in the Indian IT channels space, offering a hybrid distribution model placed synergistically between broad-based and niche distribution, to deliver high business value for its reseller partners. Recently, Team IT-Voice had an opportunity to interact with the CEO of TechnoBind, Mr. Prashanth G J. Here is an excerpt from the conversation covering various topics.

Prateek: With new work culture dynamics emerging, cyberattacks have also increased drastically. What has been your strategy to safeguard the interests of your clients?

Prashanth: The current pandemic has changed the habits and work routines of millions. Thanks to the tech developments and improved connectivity employees can work remotely from almost any part of the world. However, these tech developments are like a double-edged sword and come with cyber risks. Cyberattacks have definitely increased – multiple folds.

While everyone across the world continues to navigate the uncertainty of COVID-19, TechnoBind is committed to supporting partners in helping their customers adapt to this new way of working.

In the initial days of lockdown last April, we implemented Secure Ac-

cess for many customers across segments who realized traditional VPN solutions are not protecting them adequately with the latest risks when employees were working from home. We also helped many customers implement Remote Access helping IT teams support employees remotely thereby ensuring continuity of work at all times.

I was also glad to see the massive adoption of endpoint backup solutions for customers who wanted to protect the corporate data residing on the employees' laptops.

What was heartening to see was these solutions were applicable across the board – regardless of the verticals or the size of the organizations. This only goes to show that when it comes to managing data and the associated cybersecurity risks, everyone needs it.



Chaitanya Chokkareddy, CIO, Ozonetel

Founded in the year 2007, Ozonetel is a technology company known for developing and launching the first cloud-based customer experience platform in the Indian marketplace. Recently, Ozonetel has integrated with Google to launch Google's Business Message on its Cloud Agent platform. Team IT-Voice recently had a chance to inter-

For startups, AI-driven chatbots are a great investment because of the deploy anywhere capabilities – Chaitanya Chokkareddy, Ozonetel

act with Mr. Chaitanya Chokkareddy, CIO, Ozonetel. Here is a brief excerpt from the interaction.

Prateek: Tell us more about Ozonetel's recent integration with Google to launch Google's Business Message on its Cloud Agent platform. What will be the further implications?

Chaitanya Chokkareddy: Ozonetel's integration with Google Business Messages allows customers to connect with companies directly from their Google search results via a small chat icon that will display on the search results. At the backend, Ozonetel's solution will answer these chats with an AI-enabled chatbot, and/or route these chats to a live agent as per predefined rules.

Prateek: What are the key features of the Cloud Agent Google's Business Message Solution?

Chaitanya Chokkareddy: Our solution includes registration with Google Business, an AI-based chatbot, setup of the chat routing logic, concurrent chats with 5 agents, contact management, as well as performance and reporting features.

Prateek: How can businesses and customers benefit from this feature?

Chaitanya Chokkareddy: Businesses can provide faster support, cut down response times, and accelerate their lead conversion cycles.

Technology is going to be a great leveler and will transform all aspects of education including teaching, learning, assessments to bring parity and standardization – Sarang Gangan, Founder of Eduphoria

Eduphoria, an ed-tech startup, offers innovative solutions in education and skilling space through a bouquet of novel products and services to enhance the quality of learning and teaching thereby making it more impactful. Mr. Sarang Gangan, Founder of Eduphoria has spent nearly 20 years working in the education sector. Recently Team IT-Voice had a chance to interact with him. Mr. Sarang was kind enough to spare time and answer our questions covering many areas of the ed-tech industry. Here is an excerpt from the interaction.

Prateek: Tell us about the vision behind Eduphoria.

Sarang Gangan: Our vision is to deliver innovative solutions in education and skilling space through a bouquet

of novel products cum services to enhance the quality of learning as well as teaching thereby making it more impactful.

With a vision to transform education and bring about educational equality, Eduphoria plans to set up Innovation Labs at schools, offer STEAM education, online training interventions, contextualized teaching, and learning aids and provide learning outcome-oriented assessment programs, especially in Tier 2 & 3 cities.

Prateek: You have extensive knowledge and experience working in the education sector for two decades. What are the key problems in the sector, and how technology can help?

Sarang Gangan: Having worked 18 years in the education sector, I recog-



Sarang Gangan, Founder of Eduphoria

nized the challenges & gaps that exist in the Indian education system are primarily driven by lack of quality teaching aids and low technology penetration in schools and colleges, especially in smaller towns and cities. I also realized that comprehensive STEAM learning programs at schools are imperative to lay a solid foundation for key skills required for 21st-century careers among students.

Airtel and Tata Group/TCS announce collaboration for 'Made in India' 5G

Bharti Airtel ("Airtel"), India's premier communications solutions provider and Tata Group, today announced a strategic partnership for implementing 5G networks solutions for India.

Tata Group has developed a 'state of the art' O-RAN based Radio & NSA/SA Core and has integrated a totally indigenous telecom stack, leveraging the Group capabilities and



that of its partners. This will be available for commercial development starting Jan 2022.

Tata Consultancy Services (TCS) brings its global system integration expertise and helps align the end-to-end solution to both 3GPP and O-RAN standards, as the network and equipment are increasingly embedded into software.

Airtel will pilot and deploy this indigenous solution as part of its 5G rollout plans in India and start the pilot in January 2022, as per the guidelines formulated by the Government of India.

These 'Made in India' 5G product and solutions are aligned to global standards, and inter-operate with other products based on standard open interfac-



es and those defined by the O-RAN Alliance. The 5G solutions, once commercially proven in Airtel's diverse and brownfield network will open export opportunities for India, which is now the second largest telecom market in the world.

Gopal Vittal, MD & CEO (India and South Asia) Bharti Airtel said, "We are delighted to join forces with the Tata Group to make India a global hub for 5G and allied technologies. With its world-class technology ecosystem and talent pool, India is well positioned to build cutting edge solutions and applications for the world.



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Robotics and Blockchain at the Forefront of Digitized Healthcare: IEEE

IEEE, the world's largest technical professional organization dedicated to advancing technology for humanity, concluded its virtual roundtable focused on how technologies like robotics and blockchain are driving transformation in the healthcare sector. With the pandemic emphasizing the importance of digital healthcare, IEEE curated this roundtable to discuss how the healthcare industry in India has long been faced with multiple challenges and the role of technology in addressing them.

During the roundtable, Jayakrishnan T, IEEE

Member and Founder & CEO, ASIMOV Robotics Pvt. Ltd., said, "Post-pandemic social behavior has opened up several opportunities in the healthcare robotics domain such as telemedicine and remote management of outpatients. Moreover, contactless dispensing of food, medicine, and consumables have been made possible with the help of AMR and guided robots, concurrently the logistics and supply chain management within hospitals have minimized human interventions."

According to a recent report by The Internet and Mobile Association of India, the pandemic has accelerated the growth of the Indian health tech industry. It is expected to touch \$5 billion by 2023 and is also likely to see a compounded annual growth rate (CAGR) of 39%. A recent IEEE study of chief information officers (CIOs) and chief technology of-



ficers (CTOs) in the U.S., U.K., China, India and Brazil also revealed that Artificial Intelligence and Machine Learning, followed by 5G and IoT will be the most important technologies in 2021 – 18% of the respondents feel that the healthcare industry will be impacted by these technologies.

"Affordability and scalability are the two major factors that would enable the use of robotics in India. There are indeed very promising use cases that can bring down operational costs significantly and reduce risks. Not only this, but robots on duty 24x7 will also

substantially reduce the cost per patient to healthcare organizations and increase profitability," On the other hand, providing robot as a service (RaaS) may be a better workable business model for India," he further added.

As the Indian healthcare industry transitions to a more patient-driven care delivery model, transformational changes that include affordable treatment and superior healthcare services using big data come with a huge cost for storing and processing.

XIAOMI CLAIMS THAT THEY CAN NOW CHARGE A PHONE IN JUST 8 MINUTES (AT 200W)

Xiaomi has shown off their latest fast charging tech called the "HyperCharge", and it can now charge their supported phone from 0-100 in just 8 minutes straight with a 200W wired charger. And along with that those phones are also capable of getting charged from 0-100 wirelessly in just around 15 minutes with a 120W



wireless charger.

They used a modified Mi 11 Pro, which had around 4000 mAh of battery. Couple of years ago, Xiaomi did also announce a fast charging tech which could charge a phone in just around 17 minutes with a 100W charger.

WINDOWS 11 HAS FINALLY ARRIVED WITH QUITE A LOT OF FEATURES!

Microsoft's new Operating System is official now, it's the Windows 11. Windows 11 focuses on a lot of factors starting from User Interface. It is another biggest change for them to bring in these many changes in UI including improvements in performance too. Diving right in, you see the biggest change in the Start Menu itself, it has been brought to the center of the window. Edges of almost all the elements have been smoothed out.

These centered appearance seems to be influenced by macOS and ChromeOS, and Windows 11



will also bring dark and light mode same as before.

Microsoft has now introduced Snap Layouts, which lets you instantly change the layout menu having certain number of different windows into multiple format options. And could be very useful in having multiple layouts.

Performance was also an important aspect in this update, the windows update is now more efficient and 40% smaller than before and works in the background only.

Microsoft Teams is also now integrated in the windows 11 which make it more easier and feasible for the user to make a call right at any instant. It's clearly now more of teams instead of Skype which was there before.

Coming to the personalisation, Windows Widgets lets you customise you own go to centre for instant and important go to updates for you, and combined with a lot of new gestures which should bring an immersive experience.

Another biggest update is in the App Store, Android will be able to run on Windows through Intel

These kind of technological enhancements are always appealing and are sometimes promising too for the consumer usage. And with this it can help a user connect someone in emergency situation in just few seconds if the battery is 0, as it'll juice up enough for normal usage in just few seconds. But along with this, a phone capability to last a day without having to charge is also an important factor.

We just have to see now what other competitors are now going to bring up in order to stand in the market against Xiaomi's HyperCharge technology.

Bridge Technology and apps can be downloaded from Amazon App Store.



Developers can use their own "commerce engines," and Microsoft won't take a cut and developers can even use their own payment systems if they want to. "Windows has always stood for sovereignty for creators and agency for consumers," says Microsoft CEO Satya Nadella.

They said that it will be available later this year to all the compatible Systems running Windows 10. Microsoft had to bring in this update soon they realised the importance of work from home, and bringing in productivity with a new interface and and better performance is the right way to go.

SAMSUNG GALAXY BOOK GO AND BOOK GO 5G UNVEILED

Samsung today announced the expansion of its laptop lineup with two new models Galaxy Book Go and Galaxy Book Go 5G. The Galaxy Book Go series will be powered by the Qualcomm Snapdragon 7c Gen 2 compute platform, on the other hand, the Galaxy Book Go 5G will be powered by the Qualcomm Snapdragon 8cx Gen 2 5G compute platform.

Samsung Galaxy Book Go is the basic model available in two variants 4 GB RAM or 8 GB RAM, and 64 GB and 128 GB storage options. Its weight is 1.38 kg and the frame thick-

ness is 14.9 mm. The 14 inch 1080p LCD panel is ideal for regular use. Users can easily transfer files with a microSD card slot, USB Type-C ports, and a USB-A port using Book Go laptop. Additionally, the laptop is packed with a 3.5 mm headphone jack and a 720p webcam. The device will be powered with a 42.3Wh battery. It will be quite handy with a 180-degree folding hinge.

On the other hand, Galaxy Book Go 5G flaunts its 8 GB RAM and up to 128 GB of internal storage. Similar to Book Go, it also has a 14 inch LCD panel and 1080p resolution. The key attraction of the series is 5G connectivity.

The users will be able to sync their smartphones to the Galaxy Book series laptops. The series laptops will sup-



port Galaxy Book Smart switch as well which would make transferring files, photos, applications to their new device an easy task.

The starting price of Book Go and Book Go 5G is \$349 that would translate to Rs.25,500 approximately. The Wi-Fi version and LTE version of the Galaxy Book Go will hit select markets from the 10th of June. v

APPLE'S WWDC EVENT WRAP UP



A lot of new exciting announcements were made during this year's WWDC, including the iOS 15, the macOS Monterey, one of the unexpected in the FaceTime and few more.

Talking about FaceTime first, facetime can be joined from any device now and well now during a factime call you can share music or video or you can watch Apple TV together with the Share-Play feature.



This was all introduced when iOS 15 came in the play and now using AI technology, you can now read, capture or copy all the text right from you photos or directly from the camera app in real-time.

With the iOS 15 update Apple's Siri will be able to work without internet connection with the help of on-device speech recognition, and procesing on-device with make it more secure.

Apple also introduced macOS Monterey after iOS, iPadOS and watchOS, and starting off the universal control feature was one of the biggest feature which lets you use single keyboard and mouse across all you apple devices includ-

TOP ANNOUNCEMENTS OF THE MONTH



ing iMac, MacBook or the compatible iPad with same iCloud Account if they are right next to each other and taking AirDrop across them to the next level by using drag and drop.

Safari got a whole new refreshed update with all new look and couple more privacy features too. There were couple more announcements as well including health features in watchOS and in iOS 15 as well.

Epson, a world leader in digital imaging and printing solutions, has once again secured the No.1 position in the Indian Inkjet printer market, according to the latest data published by market intelligence firm IDC's Worldwide Quarterly Hardcopy Peripherals Tracker, 1Q2021. Epson has been leading India's Inkjet market since 2017.

In FY20 (April 2020-March 2021), Epson captured 40.85%* of the overall Inkjet printer market [InkTank + Ink Cartridge printers] based on unit shipment. Epson sold 766,965 printers during the 12 month period. In the first quarter of CY 2021, the most recent results indicate Epson's market share was 50.85% for the overall Inkjet market.



Epson announced that its EcoTank printers are also marking two significant milestones, that of having completed 10 very successful years in India and during this time having achieved a consolidated sale of over 5 million EcoTank printers. In 2011, Epson introduced the concept of InkTank printing to the world announcing the sale of Epson L100 Inkjet printer and the L200 All-in-One printer – the world's first in-

Epson Maintains No.1 Position in the Indian Inkjet Printer Market

tegrated ink tank system printers. These printers were conceived to cater to the requirement of typical cost conscious consumers in India and around the world. Since then, Epson has seen great success with its EcoTank printers and has continued to innovate and provide affordable, yet high performance printing solutions to help customers lower their cost of printing.

Epson continues to highlight the formidable advantages of low print cost, high page yield and the environmental benefits of its patented Micro Piezo Heat-Free technology in its EcoTank range of printers.

Alienware X15 and X17 officially launched, X15 is thinnest gaming laptop from Alienware

Alienware's flagship gaming laptop X15 is set to give tough competition to Razor Blade models with its impressive super-thin design. The gaming laptop is 15.9 mm thick as compared to Razor's 15.8 mm making it a close competition. Alienware X15 and X17 are launched today and will be on sale from today onwards.

Alienware has always focused on high performance in gaming but X15 will change the case with its quality hardware and design. The company claims that the premium laptops will be packed with the latest cooling technologies and better system-level engineering controls. Alienware partnered with Intel for the development of the models making them visually appeal-

ing and x15 claimed as the world's most powerful sub-16mm 15-inch gaming laptop.

Alienware X-Series Cooling System

For maximum efficiency, the company has discovered new materials and installed new engineering methods. A unique thermal interface material (TIM) Element31 is used on the cooling system. It helps in enhancing the system performance by dispersing heat. Additionally, the Thermal Control Circuit offset (TCC offset) will enable the users to set keep the temperature under a defined range.

Alienware X15

The laptop is launched in two variants, both are 15.9 mm thin. Alienware's other laptops usually are relatively thicker at 20 mm. The thin design doesn't set a barrier for excellent performance for X15. The laptop brags an IntelCore i9-11900H processor and an RTX 3080 GPU. The 110W graphic card will only

be an add-on for gaming lovers. 16GB DDR4 and 32GB DDR4 RAM and dual-drive storage of up to 4TB will support the memory.

Alienware X17

X17 is comparatively thicker at 20.9 inches. The laptop will have a 500-nit 4K display with a 120Hz refresh rate and 4ms response time. X17 is packed with an Intel Core i9-11900HK processor with up to 64GB of XMP RAM clocked at 3,466MHz. The bigger body will allow higher graphics. It boasts 130W max graphics power compared to 90W on the X15 laptop.



Enterprising students from KL Deemed to be University develop First-of-its-Kind E-Bike with Wireless Charging

Students from KL Deemed to be University, one of the leading universities in the country for graduation and higher education, have developed a unique e-Bike (electric bike) with Wireless Charging technology. The innovative prototype was developed by a team of 6 like-minded 3rd and 4th year students from the Electrical and Electronics Engineering Department of KL College of Engineering along with a few university alumni members. The e-bike has futuristic features including cell balancing and wireless charging which are only available in a few places around the world. The team developed the initial concept

and prototype utilizing their free access to state-of-the-art labs and testing facilities provided by the KL Deemed University. The team received mentorship and constant feedback from experts and senior academicians of the university. The university has also offered a grant of INR 1,40,000 to the team to incubate this project idea as a start-up.

The e-bike developed by the team at KLU allows people to travel at a maximum speed of 55 Km/h with a charging capacity that can cover between 85 to 100 km in standard conditions in a single recharge that takes 5 hours. The charging technology is coupled with the programmable cell balancing feature that releases maximum battery potential for a long-lasting charge. The team has retrofitted an existing bike and modified it into a prototype for e-bikes with wireless charging. The team carried out sev-



eral variations in the design of the bike which include incorporating the BLDC motor (Brushless DC electric motor) to gear modules through the controller.

According to India Electric Scooter and Motorcycle Market Research Report from ResearchAndMarkets.com, the Indian electric scooter and motorcycle market would reach a sales volume of 10.8 lac units by the end of 2025, exhibiting a CAGR of 57.9% between 2020 and 2025.



Plutomen, an Augmented Reality (AR) based self-assistance and remote collaboration platform, today announced that it has raised funding of \$ 300 k from GUSEC Seed Fund, DeVX venture Fund, and Industry-Tech focussed HNIs. The funding is a mix of equity & CCD. The funding will be deployed to build the sales & marketing team and also to extend the product team.

With experience of more than 7 years in XR (eXtended Reality – AR/VR/MR) and servicing & consulting Industrial Enterprises, Plutomen decided to work on creating solutions which

empower enterprises to improve productivity, extend workforce capability, & enhance customer satisfaction. Plutomen was the finalist in Industry 4.0 (Augmented Reality) category at National Startup Awards 2020 and in Dec 2020, bagged the prestigious Manufacturing Innovation Challenge Edition 2 Award for “Real Time Quality Inspection using Augmented Reality”.

Speaking on the funding, Mr Keyur Bhalavat, Founder – Plutomen, said, “We are excited about the funding and will deploy it to further augment our sales, marketing and product teams. The product, Plutomen ARMS, is an XR (extended reality) enabled Self assistance & Remote collaboration solution that empowers enterprises & their MRO + field service teams to remotely troubleshoot, inspect, maintain complicated machineries & systems. The Funding enables us to further grow and develop the product with a

PLUTOMEN RAISES FUNDING OF \$300 K FROM INVESTORS

broader scope of applications”.

Mr Rahul Bhagchandani, Group CEO of GUSEC said, “At GUSEC, we are excited to participate in this round of Plutomen’s funding through DST’s NIDHI SSS (Seed Support Scheme). The company and their founders’ deep understanding and appreciation of the industry issues coupled with phenomenal technology capability are helping them offer XR solutions that are truly cutting-edge and will help Indian enterprises compete better on the global scene.” With Pandemic restricting the travel & movements of MRO & Field Service, business enterprises are finding difficulty in their core domains like installation, inspection, troubleshooting & maintenance.

Digital payments for charitable causes and the logistics sector grow by 575% and 217% respectively in Lockdown 2.0: PayU Insights Report

PayU, India's leading online payments solution provider, released the PayU Insights Report today, providing a comparative analysis of lockdown periods in 2020 and 2021, as seen through changes in digital payments transactions across the platform. The report provides insights into the impact across sectors as well as an overview of the Indian digital payments space. Year on year, there has been a 52% increase in the number of transactions and a 76% increase in expenditure (May 2020 vs. May 2021). Compared to pre lockdown months, there was a 10% increase in the number of transactions post lockdown 2021, and a 21% decrease in average ticket size indicating that users are adopting online payments even for smaller size transactions. PayU is a pioneer



in driving value addition for merchants and banks through data insights, offering targeted solutions that allow them to deepen customer engagement & create actionable business strategies.

KEY INSIGHTS

Online donations to charitable causes reach an all-time high in lockdown 2.0

Digital payments for charitable causes witnessed a massive 731% increase in the number of transactions, a 2308% increase in expenditure, and a 128% increase in average ticket size vis a vis pre-lockdown months in 2021. Compared to lockdown 1.0, the number of transactions and expenditure increased by 575% and 476% in lockdown 2.0. As the second wave of the COVID-19 pandemic unfolded, numerous donation campaigns were organized by NGOs and crowdsourcing platforms to raise funds for COVID relief.

Logistics gains momentum, with partial and staggered lockdowns

In lockdown 2.0, the logistics sector recorded a 217% increase in the number of transactions and a 227% increase in expenditure, compared to lockdown 1.0. Interestingly, the logistics sector also maintained a steady 59% growth in the number of transactions and a 57% increase in expenditure compared to the months before lockdown 2.0. This could be attributed to larger usage of courier delivery services

and purchase and transfer of essential items during the May 2021 period. It is also possible that incentives announced in Budget 2021, such as the scheme to boost digital payments may have improved sentiments for the sector.

Entertainment, gaming sees a downturn

The entertainment sector suffered from the impact of the second wave of the pandemic, as there was a 35% decline in the number of transactions, a 41% decrease in expenditure, and an 11% decline in average ticket size in lockdown 2.0 vis a vis pre-lockdown 2.0.

The gaming sector too showed a complete reversal of trends, with healthy growth in 2020 but a decline in 2021. During lockdown 2.0, the number of transactions and expenditure decreased by a sizeable 63%, compared to pre-lockdown months. Whereas in lockdown 1.0 there had been an increase in the number of transactions. This could be because consumers moved away from non-essential spending, cancellation of IPL 2021, and general muting of sentiments during this phase.

The UPI juggernaut continues

Lockdown 2.0 recorded phenomenal growth for UPI as a payment mode. The number of transactions through UPI increased by 320% and expenditure increased by 306% in lockdown 2.0, compared to lockdown 1.0.

60% of Indian businesses struggle to hire people with the right cybersecurity skills: Sophos

SOPHOS

Sophos, a global leader in next-generation cybersecurity, today announced the findings of the third edition of its survey report, The Future of Cybersecurity in Asia Pacific and Japan, in collaboration with Tech Research Asia (TRA). The study reveals that despite cyberattacks increasing, cybersecurity budgets have remained stagnant and executive teams continue to underestimate the level of damage threats can do to organisations.

In India, 60% of organisations are struggling to recruit people with the cybersecurity skills they need. Furthermore, 94% of Indian businesses believe that the biggest challenge to their security in the next 24 months will be the awareness and education of their employees and leadership. Cognizant of the current state of cybersecurity, the number of Indian organisations planning to appoint a Chief Information Security Officer (CISO) to lead their cybersecurity strategy will increase from 33 per cent today to 40 per cent in the next 24 months.

7 Tips to Protect Your Smartphone from Getting Hacked

There's little rest for your hard-working smartphone. If you're like many professionals today, you use it for work, play, and a mix of personal business in between. Now, what if something went wrong with that phone, like loss or theft? Worse yet, what if your smartphone got hacked? Let's try and keep that from happening to you.

A smartphone loaded with business and personal data makes for a desirable target. Hackers target smartphones because they are often unprotected, which gives hackers an easy "in" to your personal information and to any corporate networks you may use. It is like two hacks with one stone.

Over the years, insurance providers have invested significantly in new-age technologies such as Big Data, IoT, AI, chatbots, etc. It is estimated that between 2015 and 2025, the insurance industry will experience another 10x productivity change. Through its disruptive capabilities, the Internet of Things has also played a transformational role across industries. And 2020 has made it imperative for enterprises of all sizes to explore and harness the potential of IoT from a business perspective.

For insurance providers, the adoption



Put simply, as a working professional with a smartphone, you are a high-value target.

Add extra protection with your face, finger, pattern, or PIN.

First up, the basics. Locking your phone with facial ID, a fingerprint, pattern or a pin is your most basic form of protection, particularly in the event of loss or theft. (Your options will vary depending on the device, operating system, and manufacturer.) Take it a step further for even more protection. Secure the accounts on your phone with strong passwords and use two-factor authentication on the apps that offer it, which doubles your line of defense.

Use a VPN

Or, put another way, don't hop onto public Wi-Fi networks without protection. A VPN masks your connection from hackers allowing you to connect privately when you are on unsecure

public networks at airports, cafes, hotels, and the like. With a VPN connection, you'll know that your sensitive data, documents, and activities you do are protected from snooping, which is definitely a great feeling given the amount of personal and professional business we manage with our smartphones.

Stick to the official app stores for your apps.

Both Google Play and Apple's App Store have measures in place to help prevent potentially dangerous apps from making it into their stores.



Ways IoT is revolutionising the Insurance industry

of IoT presents an opportunity to gain a competitive edge. For example, if an insurer takes advantage of an IoT program, it would enable them to offer customers discounts based on that customer's actual habits and real-time data, rather than determining the premium based on the customer's past history.

Examples of how IoT is being leveraged by various insurance providers

Health insurance agents have started providing customers with free fitness trackers to enhance visibility and monitor their activities. The wearable/fitness devices provide valuable data that can be leveraged to adjust rates more fairly and profitably and help customers prevent injuries and diseases.

Auto insurers have been the leading adopters of the Usage-Based Insurance (UBI) model wherein they use smart

devices/solutions to gather metrics (such as data about speed, distance, turning and braking patterns, time of day, etc.) from the policyholders and leverage it to correctly price their products which benefits both the customer as well as the insurer.

Home and property insurance providers are inducing customers to install connected devices that warn of potential danger (fire, flood, robbery). They also use drones to assess damages after an incident has occurred.

Benefits of IoT in insurance

Today's customers want fast results. Modern customers use technology in their everyday lives and expect insurance providers to do the same. Insurance claims that take several days or weeks to process can be really discouraging.

IoT allows insurers to process quicker, efficiently and make powerful data-driven decisions, avoiding cumbersome paperwork processes.

India's Technology Outsourcing Industry's Carbon Emissions drop by 85%- Market Intelligence Firm UneathInsight Report

The Covid-19 Pandemic has propelled India's \$194 Billion Outsourcing Industry towards Carbon Neutrality with Hybrid Working Models, Electric Mobility, and Digital Disruption for Campus Hiring. As the world celebrates, World Environment Day on June 5th, UneathInsight, a metrics benchmarking and market intelligence firm today revealed an interesting set of findings on India's outsourcing industry's significant contribution towards carbon emission during the pandemic period.

The study conducted for FY 2020-21 included around 2000 plus outsourcing technology companies in India including IT, ITeS, Engineering, GIC/GCC, and Startups. The study reveals and estimates an 85% drop in Carbon Emissions during the year at ~0.3 Million Tonnes of Carbon Emissions from a pre-pandemic level of ~2 Million Tonnes of Carbon Emissions annually. The study observes that today only 4% to 5% of ~4.4 Million Workforce in the outsourcing industry is traveling to work.

UneathInsight Benchmarking analysis estimates a mere \$750 Million spent on Travel costs in FY 2020-21 by outsourcing industry compared to \$2.9 Billion in FY 2019-20 wherein Top 5 IT services companies (TCS, Infosys, HCL, Wipro, Tech Mahindra) spent around \$370 Million on Travel costs in FY21 which is 75% lower compared to

\$1.4 Billion in FY20 primarily helping reduce carbon emission resulting from commute to work, domestic travel, and international travel.

Even before the pandemic, tech companies and captives like TCS, Infosys, HCL, Wipro, Tech Mahindra, Unisys, Google, Microsoft, Adobe, Oracle captives were already reducing carbon emissions with the adoption of Digital Employee Transportation Apps clubbed with Electric Vehicle fleet providers.



The following article is penned down by Wing Commander S Vijay (Veteran), Chief Operating Officer, Skye Air Mobility on the occasion of World Environment Day.

How Drones Are Helping Save the Environment

The word 'drone' frequently referred to as UAVs – unmanned aerial vehicles often bring to mind an image associated with warfare owing to the heavy use of drones by the military. Nevertheless, this is a myth! There are numerous ways that drones are being used in the different commercial operations outside this domain.

They are being used more and more in other ways in society as they are helping aid workers and even ecologists have started putting these devices to use towards sustainable development.

Their capability to access, inspect and gather data from an area of concern in minimal time and cost is almost incomparable. The use and

applications of drone technology are being extended to make the devices active tools in humanitarian and safeguarding the environment. Used suitably and with the correct regulation in place, drones can help improve work carried out in the field of sustainable development.

Various examples of drones in development projects show the possibilities of using them in the field of humanitarian aid and environmental protection. Renewable Energy Projects

Aerial technology is proving to be an emerging trend in renewable energy projects. A great example of this is solar farms. Drone inspections are keeping large-scale solar energy projects successfully running around the world. The thermal mapping ability of this technology is assisting solar companies in assessing the anomalies in a quick time and carrying out rectification to efficiently manage the production of solar energy. Simply put,

Impact of drone delivery on sustainability and environment

drones are helping solar projects kick-off and get going.

The thermal imaging camera helps relay footage back to a team on the ground. Using a Thermal drone one can map an area, spot invasive vegetation, and dust on the solar panels, and other problems that might occur. It can also detect defective panels that are overheating.



SilverStone Technology and Fortune Marketing join hands

SilverStone Technology and Fortune Marketing join hands. Fortune Marketing will act as the national distributor for the SilverStone Technology in a major development.

SilverStone Technology is a Taiwan-based manufacturer of Gaming Products. The company announced Fortune Marketing will be its national distributor in India. SilverStone Technology is a well-known manufacturer of the highest standard designs and computer components & accessories.

On the other hand, Fortune Marketing is headquartered in the national capital Delhi. The company is a major distributor of IT products that include security surveillance, networking, and IT hardware products like IP-CCTV, biometric, access control, computer hardware/peripherals, data storage, and many more. The company has 24 branches across India serving the needs of customers from over 7000 towns and 664 districts with the help of a strong network of channels and partners.

The Company boasts 26 years of channel distribution for some of the renowned brands like Tenda, Zoook, Secureye, Seagate, Targus, Creative, Norton, etc. The excellent pre and post-sales customer service support add to

the strong profile for Fortune Marketing.

“We are really excited about the partnership with SilverStone based out of Taiwan, one of the most innovative companies in the Gaming Accessories. Our partnership will allow us to deliver one of the best products in the market to Indian customers” Comments Mr. Manoj Gupta (CMD), Fortune Marketing Pvt Ltd on this association.



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Key initiatives by Hewlett Packard Enterprise (HPE) in India during the COVID-19 pandemic for its employees

Hewlett Packard Enterprise (HPE) has started the vaccination drive for its employees and their immediate family members at Bengaluru and will soon be having it in Gurugram and Chennai. As a company whose purpose is to advance the way people live and work, Hewlett Packard Enterprise (HPE) has announced the following initiatives for the health, safety and welfare of its employees in India during the COVID-19 pandemic.

COVID Reference Guide: This provides employees with necessary support on hospitalization, medical insurance, 24x7 telemedicine and other wellness resources.

COVID Care Isolation Facility: The company has worked with Apollo Hospitals to set-up 45 isolation beds across Bengaluru, Chennai, Gurugram/Delhi and Mumbai.

HPE COVID Care & Critical Care Center: HPE is in the process of setting up an 80-bed isolation center which will include critical care facilities in Bengaluru and Chennai. These centers will convert large hotels into COVID-19 care facilities equipped with oxygen beds and limited Intensive Care Units and will be staffed around the clock by doctors, nurses and paramedics.

Oxygen Concentrators: The company has procured oxygen concentrators and are working to get these deployed through paramedic staff to employees across Bengaluru, Chennai, Gurugram and Mumbai.

Vaccination Drive: HPE has started the vaccination drive for its employees and their immediate family members at Bengaluru and will soon be having it in Gurugram and Chennai.

Enhanced COVID-19 Vaccination Reimbursement: Covering the full out-of-pocket costs for vaccination at private medical clinics for employees and their immediate family members.



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