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Future tech: From flying cars to police robots and bots that can sing and play piano

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Prime Minister Narendra Modi dedicates National Police Memorial to the nation

Prime Minister Narendra Modi on Sunday dedicated the National Police Memorial (NPM) to the nation in New Delhi on the occasion of the Police Commemoration Day. The memorial has been built in recognition of the supreme sacrifice made by police personnel since independence.

Speaking on the occasion, Prime Minister saluted the courage and sacrifice of policemen who laid down their lives for the service of the nation. He recalled the sacrifices of the brave police personnel who fought valiantly at Hot Springs, Ladakh and paid respects to their family and loved ones.

Expressing happiness in dedicating the National Police Memorial, Prime Minister said that the



Central Sculpture of the memorial represents capability, courage and service orientation of the police forces. He added that every object associated with the National Police Memorial would inspire the citizens and educate them about the bravery of police and paramilitary personnel. He added the peace, security and prosperity presently enjoyed by the nation has been possible due to the sacrifices and

consistent efforts of police, paramilitary and armed forces. Prime Minister also evoked the contributions and sacrifices of National Disaster Response Forces and State Disaster Response Forces.

Talking about the National Police Memorial, Prime Minister said that Memorial was accorded priority by the NDA Government and was

finished on time. He said that the memorial underlines the vision of the government to accord maximum respect to people who played a vital role in nation building.

Stressing on the importance of technology, Prime Minister urged the police forces to adopt technology and innovation in their daily discharge of duties. In this context, Prime Minister mentioned

about the Modernization of Police Forces Scheme (MPF), which is modernizing the police forces through technology, modern communication systems and modern weapons.

Prime Minister said that police forces have a big role to play in strengthening the bond between police and society. In this regard, Prime Minister urged the Police forces to make Police Stations more citizen friendly.

The National Police Memorial consists of Central Sculpture, a Wall of Valour engraved with the names of police personnel who laid down their lives in the line of duty and a State of Art Museum dedicated to the memory of the martyred police personnel.

(Source www.tehelka.com)

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Angry parents storm KNST police station to demand the release of their wards

Kwame Nkrumah University of Science and Technology (KNST) students were arrested for keeping a vigil on the premises without authorization.

The students of the Kwame Nkrumah University of Science and Technology (KNUST) were arrested for holding a vigil on campus without authorisation.

They were assaulted by the internal security of the university and 11 of them, including an alumnus, were arrested and detained at the KNUST police station.

A parent, who spoke to Accra-based Citi FM, said: "I saw some of the



students and you could see visible marks. I spoke with the Commander that this is what I had seen and I do not think it is good.

"There is a boy who is currently on admission but for his injuries, he would have been in custody by now. They arrested and beat him."

The university authorities say the organisers of the vigil did not seek for permission.

"When the policy of female students in the halls began, we felt it could disturb the peace. So what we said was hold onto that, if you want to do it seek permission," the university's Public Relations Officer, Kwame Yeboah, told Accra-based Joy FM.

He added that during the vigil, the organisers blocked access to hall residents.

(Source: www.pulse.com.gh)

New technology to fight crime in Victoria

Victoria Police will be able to solve cases faster with new technology to speed up DNA analysis to just hours rather than days.

Crimes could be solved faster with new technology in Victoria Police's hands to reveal DNA within hours not days.

Robotic instruments will take DNA from a sample, put it into a tube, conduct a process to purify it and create a profile to be uploaded into a national database, police announced on Sunday.

The technology will free up forensic officers, who have been manually doing the tasks, to spend more time using their expertise on the investigation.

"DNA is an important



tool in police investigations, and the new specialist instruments will bolster our ability to quickly and accurately process evidence and solve crime," Victoria Police executive director of forensic services John Doherty said.

"The quicker police are able to identify offenders and patterns of

behaviour, the sooner we can put criminals before the courts and prevent further offences from occurring."

About 30 forensic officers will be trained to use the technology by the end of the year.

The instruments were funded as part of a state government package.

(Source: www.sbs.com.au)

Avatar passport controls at airports



This is how you could check-in at airports in Europe in the future with pre-traveller registration online and then interviewed by an avatar border guard such as this one.

The avatar technology hopes to help police guard borders in a pilot scheme which starts next month and can apparently tell if someone is lying.

The technology is being revealed at a science festival at Manchester University in the UK on Saturday.

Keeley Crockett, Computational Intelligence specialist, Manchester Metropolitan University says, "It uses non-verbal behaviour. Very, very fine grained micro gestures. So we're

not looking at things like smiling, or frowning, we're looking at very small movements such as an eye moving left, or right. So we use this and combine it together with a 'risk score' and we use this in order to, say for a particular question whether someone's lying or not."

Technologies already bolster security in many airports across the world including Helsinki airport and Dubai. Face recognition technology identifies people travelling illegally.

The success of the avatar guard will be assessed by the European border and coastguard agency when they're run at border locations in Greece, Latvia and Hungary.

(Source: www.euronews.com)

Front desk staff at police stations record their plight

Even after two years, the Punjab police have failed to form a service structure for front desk employees owing to selfish concerns.

More than 90 employees are working on front desks established in 29 police stations of Rawalpindi. Front desk employees in police stations are responsible to maintain the record of daily crime diaries, complete record of the cases, hotels IB and to

maintain 25 different kinds of police registers.

Computer-oriented male and female Senior Station Assistants and Police Station Assistants are performing their duties on these front desks from 9am to 12am. Due to lack of financial resources on front desk management, the administration is also being criticised for providing stationery and other technical facilities.

(Source: dailytimes.com.pk)

Future tech: From flying cars to police robots and bots that can sing and play piano

A flying car powered by UAE's telecom operator Etisalat stunned thousands of technology innovators at the latest exhibition in Dubai.

If it wins the approvals of regulators, in a few years, you will be able to call a flying taxi to your doorstep strap in and tell it where you want to be and it'll take off to your destination.

You will not need to have a helipad or a runway. The flying vehicle uses the same parking space available on the streets to maneuver. Also at the GITEX tech mega-show that comes to an end this week were a number of self-drive cars with different capabilities beyond flying.



The innovators see one of its major users in the taxi business. The vehicle will not need a driver or pilot to fly. And if you are afraid of flying or you just want to stay on the road, the flying taxi will also simply self-drive itself to your destination as you sit back.

The innovation, displayed in packed room of technology enthusiasts at during the GITEX Technology Week, was powered by the 5G network, which provided the necessary comfort that it has the

capacity to use artificial intelligence and make decisions at the same speed as that of a human being or faster.

Etisalat said 5G is about 20 times faster than 4G, featuring virtually no latency and ultra-low energy requirements and this makes the network deal with all the fears of processing speeds and accidents raised in previous innovations.

The innovation is part of the 'Pop.Up Next' concept that is driving inventions around the autonomous cars space. This is the world's first fully electric and zero-emission modular system vehicle.

Its flight module allows the car to lift itself into

the air vertically. It can perform both the autonomous and electric modes. It also has a 49 inch screen that relays information to its passengers on board, plays music and offers other entertainment services depending on the mood of the passengers.

Besides the flying cars, the world of robotics was in full energy at the technology fair. Some of the wonder robots on display included those that can do customer service jobs, security guards, singers, tour guides and receptionists. But it was the Robocop that got many tongues wagging.

The Dubai Police brought its first ever

police robot patrolling its streets.

Dubai is hoping to have a human free police station in 2030. The police robot, described as a wonder robot, uses artificial intelligence and can 'speak' and answer a good number of questions as well as offer help to road users. People can also use them to pay fines and get information by tapping a touchscreen on its chest.

The Robocop can also identify wanted criminals as well as collect evidence. It can speak in six languages including English and Arabic. It can shake hands and even offer a military salute.

(Source: www.standardmedia.co.ke)

Groundbreaking face detection technology can revolutionize UK police and catch suspicions in seconds

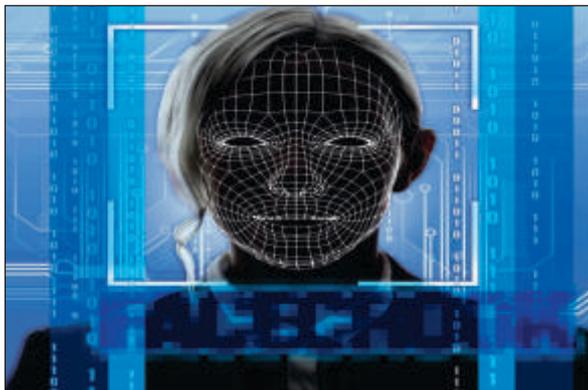
The introduction of the £90million Japanese technology, which scans faces in a crowd against photos on a police watch list, has already led to dozens of arrests

The futuristic software was tested in London, Manchester, Leicestershire and Wales after the Home Office set aside money for trials.

"Facial recognition software could also help find people who are missing in seconds.

"It could also help locate kidnapped children or people with dementia who are lost and wandering the streets. And you can expect that criminals won't be safe where cameras linked to the system are situated."

But civil liberties campaigners warn it



could usher in a terrifying Big Brother era where we are constantly monitored – and where machines will decide our fate.

Liberty campaign lawyer Megan Goulding says the group is involved in a lawsuit

against South Wales Police over its "disproportionate" use of the cameras.

The group has concerns the technology could be paired with millions of CCTV cameras so "ordinary people are being monitored all the

time".

Megan said: "The infringement to our human rights this technology creates is just too great for it to be used.

The cameras violate the privacy of everyone who crosses them because it takes their biometric information without them even knowing about it. Already this technology is having a chilling effect on our freedom as it has been used to monitor people who are protesting and people have been stopped by the police on the order of a computer."

The NEC facial recognition software scans a face and makes a unique "biometric map", which includes key identifiers such as mouth width and distance between the eyes.

A computer then runs this data against a police image database to determine whether there is a match.

South Wales Police used £2million of Home Office funding for two NEC systems.

The NeoFace Reveal allows officers to upload images to check against a database of suspects or watch list of missing people.

Heavy training facility for the police, firefighters open in northern Texas

Friday marks a landmark day for first responders in North Texas as Collin College officially opens its massive Public Safety Training Center.

The 25-acre Public Safety Training Center houses the latest technology for first responders and will be home to training for law enforcement officers, firefighters, cadets and active duty first responders.

Police officers are able to train in a "reality-based training area." The area is made basically main street of a town, but housed inside. Each building can house a different real-life scenario that trainees must navigate and negotiate. The scenarios are based on actual incidents that happened in the nearby Collin County community.

Officers also have three indoor shooting ranges to fine tune marksmanship

and accuracy.

"Having a facility like this with police and fire - we are going to be able to do cross training that we just haven't seen in this area," Law Enforcement Academy director Scott Donaldson said. "[In the past] officers have had to use travel funds - we are now going to be able to do it here locally."

On the firefighting side of the complex is state-of-the-art training equipment of both rescuer and civilian. There are two multi-story burn buildings where firefighters can train in home, apartment and office building scenarios.

"This facility allows us to create the most realistic scenarios yet maintain a high level of safety while they are doing their training," Fire Science and EMS director Pat McAuliff said.

(Source: www.nbcdfw.com)

Responsible for Landing Police Departments in Clouds Under 30 Leopen Off Lift



These Under 30s are probably the reason your local police officer will be able to look up your license and registration from her smartphone.

At the Under 30 Summit on October 1, Forbes Under 30 listmaker Scott Crouch, the cofounder and CEO of police records management system (RMS) Mark43, announced his company's partnership with the Boston Police Department. Over the next year, the Boston Police will overhaul their records management system and replace it with Mark43's, aiming to transform the way detectives manage cases by automating functions that have traditionally bound law officers to their desks with the startup's cloud-based case management.

Crouch and his cofounders Matthew Polega and Florian Mayr

made the Forbes Under 30 list in 2015 and Forbes Next Billion-Dollar Startups list in 2016. Today, Mark43 has \$77.8 million in funding from investors like Goldman Sachs, Bezos Expeditions, Gen. David Petraeus and General Catalyst. Over 60 United States public safety agencies employ Mark43 technology, and Boston will be the third major city to completely integrate Mark43's RMS. Boston Police Department Commissioner William Gross discussed the partnership with Crouch at the Forbes Under 30 Summit in Boston coincidentally minutes and yards from peaceful protestors opposing Senator Jeff Flake's

appearance at the Summit. Commissioner Gross said he looked forward to technological advances that will allow officers to spend more time in their communities.

Boston will also be the first large city to utilize the Mark43 mobile app, giving officers the ability to capture and record more data on the move. "This mobile app will be a huge deal—to make sure officers are spending as little time as possible writing police reports," said Crouch.

Mark43 has Boston roots: Polega, Mayr and Crouch started Mark43 as Harvard undergrads. They initially came up with the idea for the RMS after shadowing Boston Police officers on patrol to understand their needs. "We found an overall, amazing lack of modern police technology,"

(Source: www.forbes.com)

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