

STUDENT ENVIRO ENTREPRENEURS

Ref: The Times of India, Tuesday, 01.10.2019



The Delhi Government’s promise of seed money of Rs. 1000 to nurture entrepreneurial mindset among students has resulted in a positive impact. Many students proposing and initiating interesting ideas at various platforms for instance Pitch Café event organized by Indraprastha Institute of Information Technology- Delhi (IIIT-D) being one of them. The effort of the government to initiate giving seed money to these young minds can further multiply and sprout in the form of a tall and sturdy tree with its branches spanning the growth of Innovation, Research, Economic, Commercial and Intellectual Property regime safeguarding the future of our country.

AYUSH RELAUNCH BY HUL

Ref: The Economic Times, Tuesday, 01.10.2019



Hindustan Unilever, the company’s local unit which launched a raft of products under Ayush three years ago aimed squarely at competing with Baba Ramdev led brand, Patanjali has decided to exit a few categories, especially in the food space. Ayush was first registered as a brand by Jayalakshmi Oil & Chemical Industries in 1987 and the trademark was sold to HUL in 2001 when it started selling

the natural beauty and spa product range. Apart from Ayush, HUL also acquired Indulekha haircare brand, and launched Citra skincare brand to spruce up its presence in the naturals space.

RESEARCH FOR CSR

Ref: The Economic Times, Tuesday, 01.10.2019



The Commercial sector has commenced investment in research whereby Companies such as Larson & Toubro, Schneider Electric India, Dabur and ITC are looking at funding key research works in top institutions. It was announced by Finance Minister last month that India Inc can now use their CSR spending on publicly funded incubators and contribute to research in science, technology, medicine and engineering at major institutions to help boost R&D investments in the country. Academic and research institutions, on their part, are drawing up plans to tap CSR investment from India Inc to fund research in technology and innovation. This shall encourage research amongst entrepreneurs and enhances collaboration between industry and academia.

DJS REVALUED

Ref: The Times of India, Thursday, 03.10.2019



Delhi High court has held options given in the answer keys to nine questions in the recent Delhi Judicial Services preliminary exam “erroneous” and directed its registrar

general to carry out a revaluation. As each wrong answer carried a negative mark of 0.25, the prejudice being substantial to the petitioner lead to the high court taking such a step. Accordingly, it was directed an additional list of eligible candidates be prepared for the mains exam after the revaluation. The additional candidates were duly informed. However, it is a pitiable state wherein on one stance the judiciary lacks the requisite strength and on the other every time any state judicial exams are conducted, the flaws have to be rectified through court which again delays process of selection.

TACTILE BOOKS FOR BLIND

Ref: The Times of India, Thursday, 03.10.2019



IIT-Delhi through its startup incubation centre has recently launched India's first three bilingual tactile books for the visually impaired. These books, which will go into print soon, include one on Mahatma Gandhi, another on India and the third featuring famous historical monuments. The contents of the books are in English, Hindi and Braille. This is commendable achievement if implemented and reached out to the needy.

FB AGAIN IN EU COURTS

Ref: The Times of India, Friday, 04.10.2019



Europe's top court has ruled that an individual country can order Facebook to take down posts photographs and videos and restrict global access to that material. This ruling has major implications for whether countries can expand content bans beyond their borders. This decision has come in the light of a former Austrian politician approaching Facebook to remove disparaging comments about her that had been posted on an individual's personal page, as well as "equivalent" messages posted by others. This decision shall be a precedent for thwarting actions of internet and technology over offensive content.

MIND-CONTROLLED SUIT FOR PARALYZED

Ref: The Times of India, Saturday, 05.10.2019



Paralyzed person has been able to walk using a pioneering four-limb robotic system, or exoskeleton. This is commanded and controlled by signals from his brain. With a ceiling-mounted harness for balance, 28-year old tetraplegic patient Thibault. The results which were published in a journal have brought, doctors a step closer to one day being able to help paralyzed patients drive computers using brain signals alone. This is the first semi invasive wireless brain-computer system designed to activate all four limbs. The brain computer technologies that have been used previously had invasive sensors implanted in the brain, where they could be more dangerous.

MONITORING STUBBLE BURNING

Ref: The Times of India, Saturday, 05.10.2019



Blue Sky Analytics will soon be able to better monitor farm fires and the emission caused by them. It will also predict the size of the burnt area and the amount of crop waste burnt. It will be launched in the beta version in the current quarter, and will be fully available from early 2020. A marketplace for crop-waste transactions will be provided with for involvement of alternative users like power plants, furniture manufacturers and packaging producers. Zuri will ensure data analysis and dissemination via a single web dashboard. Farm fires are a major source of air pollution in North India.

MEDICAL NEGLIGENCE CLAIM 5X

Ref: The Times of India, Monday, 07.10.2019



Delhi State Consumer Disputes Redressal commission has enhanced the compensation amount award to five times to a woman, whose mother died due to medical negligence on the part of a city-based hospital. The judgment is believed to have brought about a “qualitative change in the attitude of hospitals to provide service to human beings as human beings”.

WASTE TREATMENT RULES FOR PHARMA COMPANIES

Ref: Mint, Monday, 07.10.2019



The Central Pollution Control Board (CPCB) is examining a proposal submitted by The Indian Drug Manufacturers’ Association to change effluent treatment norms for pharmaceutical companies. The government is also planning to soon hold a consultation with industry, state pollution control boards, and the CPCB on what should be done to reduce the time taken for environment approval, a senior government approval. Improperly treated antibiotic residues cause dual damage by causing antibiotic resistance and environmental pollution. It is very important to regulate and keep strict check on the waste disposal done by drug companies.

NOBEL PRIZE FOR CELL & OXYGEN

Ref: The Economic Times, Tuesday, 08.10.2019



US researchers William Kaelin and Gregg Semenza and Britain’s Peter Ratcliffe have shared the Nobel Medicine Prize for discoveries on how cells sense and adapt to oxygen availability, by establishing the very basis for our understanding of how oxygen levels affect cellular metabolism and physiological function. Their research has paved the way for promising new strategies to fight anemia, cancer and many other diseases.

DHRUV FOR CHILDREN

Ref: The Times of India, Friday, 11.10.2019



Prime Minister Innovative Learning Programme “Dhruv” at the ISRO has recently been launched under which 60 students selected from science, mathematics and performing arts streams will undergo a 14-day programme to enrich their skills and knowledge and realize their full potential. The programme will now conclude at IIT-Delhi. The students will be mentored by experts in their respective fields.

TAILOR-MADE DRUG FOR 8-YR-OLD

Ref: The Times of India, Friday, 11.10.2019



Milasen (Mila Makovec) the patient for whom the new drug was novated for treatment of his genetic disease, has pushed the bounds of personalized medicine and has raised unexplored regulatory and ethical questions. The drug was delivered through a spinal tap, so it could reach the patient’s brain. Within a month, few differences were noticed as Mila was having fewer seizures. Mila rarely needs the feeding tube now, and is able once again to eat pureed foods. Medical researchers have unfolded new arenas of research with this technology and

discovery which shall be instrumental for medical science.

PAPER BEER BOTTLE

Ref: The Times of India, Saturday, 12.10.2019



Carlsberg is in the development stages of creating a range of beer bottles made from paper. The Danish beer company unveiled two prototypes for what it claims will be the world’s first paper beer bottle. Its ambition is to eventually create a 100% bio-based bottle without polymers, an aim which forms part of Carlsberg’s wider sustainability goals to achieve zero carbon emissions at its breweries.

SYRINGES TO BE REGULATED?

Ref: The Times of India, Monday, 14.10.2019



Health ministry is set to notify a new definition of medical devices that will be aligned with that of International Medical Device Regulators Forum and which will expand the span of regulation to cover all such products, including diagnostic equipment, nebulizers, syringes as well as stents and other implants. Once notified, companies will have to seek approval from CDSCO for manufacture, import and distribution of any medical devices manufactured or sold in India will also be monitored for quality, safety and efficacy.

IOC DEVELOPING BATTERIES

Ref: The Economic Times, Monday, 14.10.2019



Indian Oil Corp (IOC) is developing batteries based on indigenous metals to forestall dependence on lithium imports once electric vehicles (EVs) and renewable energy projects take off in a big way. These batteries cannot be recharged but motorists can replace plates to power them almost instantly, making it much more convenient for users and eliminating the need for charging infrastructure. However, the cost effectiveness of this alternative will depend on the scale of operation. In case of metal batteries, both the production and recycling can be localized, which settles the concerns of import costs and environment-friendliness.

GOOGLE + DOORSTEP DRONE

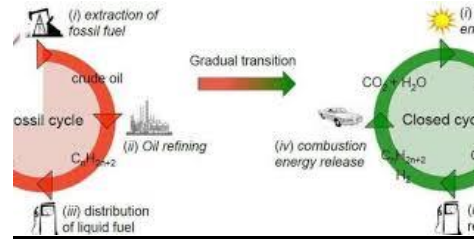
Ref: Sunday Times, 20.10.2019



Google affiliate have started using drones to deliver customers’ Walgreens and FedEx purchases in a test being run in a Virginia town. Wing, which is owned by Google parent Alphabet, received federal approval earlier this year to make commercial deliveries by drone. The drones are capable of flying a 19-km round trip, and Wing expects to widen its radius eventually.

ARTIFICIAL LEAF

Ref: The Times of India, Wednesday, 23.10.2019



Scientists have developed an ‘artificial leaf’ device that uses sunlight to produce a widely-used gas currently made from fossil fuels. This carbon-neutral device can directly produce the gas – called syngas – in a sustainable and simple way from carbon dioxide and water, setting a new benchmark in the field of solar fuels. The artificial leaf developed by researchers at the University of Cambridge in the UK is powered by sunlight, although it still works efficiently on cloudy and overcast days. Syngas is currently made from a mixture of hydrogen and carbon monoxide, and is used to produce fuels, pharmaceuticals, plastics and fertilizers and can be an alternative to petrol.

AI DETECTS DIABETIC EYE

Ref: The Economic Times, Wednesday, 23.10.2019

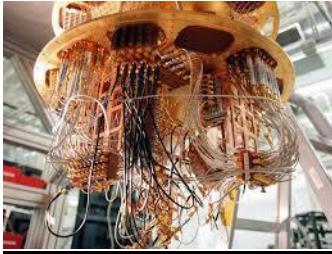


Artificial Intelligence (AI) screening system is now capable of accurately discovering diabetic retinopathy 95.5 percent of the times. The system doesn’t require inputs from an expert ophthalmologist and it can provide a reading in just 60 seconds. Diabetic retinopathy can develop in people with diabetes, especially when they have poor control over their blood sugar levels.

Ophthalmologists have effective treatments for diabetic retinopathy, but they work best when the condition is detected early.

GOOGLE TAKES A QUANTUM LEAP IN COMPUTING

Ref: The Economic Times, Thursday 24.10.2019



Google has recently achieved a breakthrough in computer research, by solving a complex problem in minutes with a so-called quantum computer that would take today’s most powerful supercomputer thousands of years to crack. The traditional computing relies on bits, or ones and zeros, quantum bits, or cubits. Quantum researchers need to cool the cubits to close to absolute zero to limit vibration – or “noise” – that causes errors to creep into calculations. It’s in this extremely challenging task that Google’s research team has made significant progress.

FRENCH MEDIA VS GOOGLE OVER COPYRIGHT

Ref: The Times of India, Friday, 25.10.2019



French media have threatened to report Google to the country’s competition regulator over its refusal to pay news companies for displaying their content in defiance of a strict new EU copyright law.

France has been the first country to ratify a new EU copyright law that ensures publishers are compensated when their work is displayed online but Google said articles, pictures and videos would be shown in search results only if media firms consent to let the tech giant use them for free.

ASSAM GAMOSA GI

Ref: The Times of India, Tuesday, 19.11.2019



Recently, legal protection has been accorded to “Gamosa” the traditional woven red border and floral motifs and a semi winter glutinous rice variety “Chokuwa” have been granted registration of Geographical Indication with the number rising to approximately 362 which is higher amongst various countries.



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