



# THE PULSE OF HBTU

Fortnightly Newsletter

NOVEMBER 1, 2019  
FRIDAY  
YEAR 1 PRINT 5

Modi in Saudi:  
Modi ends his  
two day visit to Saudi



PAGE 2

Adhyaay - 2019



PAGE 3

Fraternity Achievers



CEO Indian Oil Adani Gas

PAGE 5

CREATIVE  
CLUSTER



PAGE 6



## WORLD FOOD DAY OBSERVED ON OCTOBER 16TH, 2019

Pioneering efforts to encourage and aware people about "Healthy Diets for Zero Hunger World", The Food Technology Department of HBTU, organized a symposium in association with Association of Food Scientists and Technologists India (AFSTI) Kanpur Chapter.

Prof. Alak Kumar Singh, Head Of Department, Prof. Brajesh Singh, In-Charge of Biochemical Engineering Department, in their capacity of Secretary and President of AFSTI Kanpur Chapter, respectively addressed and informed the audience about World Food Day and AFSTI. Prof. Deepak Srivastava, Prof. Raghuraj Singh, Prof. Karunakar Singh were among the eminent professor gathered. The Inaugural Ceremony ended with address by

Hon'ble Vice Chancellor Sir and a Vote of Thanks from Prof. L.M.Verma, CSA University and Treasurer AFSTI Kanpur Chapter.

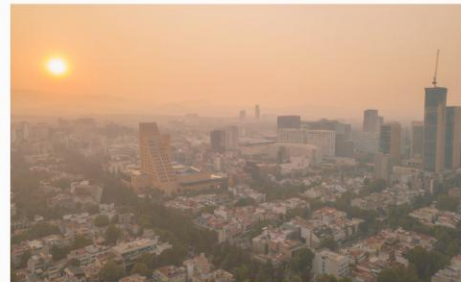
Meanwhile, a Brain Storming Quiz was organized with Oral and Poster Presentation covering and ranging over viable themes, which resolved and highlighted the gravity of the current scenario in the Food Industry. Technical session with Dr. Prasoon Verma, Sr. Scientist IIPR, Kanpur, gave the real insights to the upcoming challenges and problems associated to the Healthy Diets and Food Security. The program rested with feedback and Prize Distribution.



### Air quality worsens in capital as Diwali takes over the sky

The quality of air worsened in Delhi on Monday, a day after Diwali, but pollution trackers and city authorities blamed a spike in post-harvest stubble burning as they warned residents with respiratory problems not to step out.

The air quality index (AQI) breached the "severe" mark at 506, the season's worst so far, according to the Centre-run System of Air Quality Forecasting and Research (SAFAR)



"The overall air quality of Delhi is in the 'severe' category today as forecast. Though the PM2.5 concentrations peaked around midnight (1am), the concentrations were much less than that of the last three years". PM2.5 are smaller size pollutants that are extremely harmful as they can enter the bloodstream, unlike PM10, which impact the lungs.

While the heavy smog that hung over the city after the Diwali festival in the past two years was absent, pollution levels that earned Delhi the moniker of the world's most polluted city were still much above the safe level for its residents.

In worse news, especially for those with respiratory illnesses, the report added that "the first week of November is likely to be the worst in terms of air quality, when lack of winds will likely prevent dispersion of air pollutants leading to a spike in pollution".

Delhi chief minister Arvind Kejriwal said on Monday that the post-Diwali pollution level in the national capital was the lowest in five years.

An advisory was issued on SAFAR, asking people to avoid outdoor physical activity. People with heart and respiratory diseases have been asked to remain indoors.

### Typhoon Hagibis devastates life in Japan



Typhoon Hagibis which made landfall on the Izu peninsula on 12th October, 2019, has devastated life in the Kantō region of Japan. Still recovering from the impacts of Faxai, Hagibis caused widespread damage across Japan, particularly in the Kantō region. As of 20 October 2019, at least 86 people have been confirmed dead and 8 others went missing in Japan. Early on 12 October, Hagibis triggered a tornado in Ichihara City. About half an hour before Hagibis made landfall, a magnitude 5.7 earthquake occurred off the coast of Chiba Prefecture, worsening the dangerous condition even more. More than 4 lakh homes were left without power in the region. The financial estimates of the typhoon are valued at around \$9 Billion.

### Loss in a Win: How Maharashtra and Haryana election are a disguised loss for BJP

#### Pole Position

	MAHARASHTRA			HARYANA		
	BJP+	Cong+	Others	BJP	Cong	Others
Times NOW	230	48	10	71	11	8
CNN-ISPOS	243	41	4	75	10	5
ABP-CVoter	204	69	15	72	8	10
India Today-Axis	180	81	26	77	11	2
Jan Ki Baat	223	54	11	57	17	16
<b>AVERAGE</b>	<b>216</b>	<b>59</b>	<b>13</b>	<b>70</b>	<b>11</b>	<b>8</b>

Figures may not add up due to rounding off

The state election results in Maharashtra and Haryana have proved almost all exit polls wrong. Contrary to expectations, and exit poll predicting a landslide victory for the BJP, the saffron party still faced a big decline in seats in both states, compared to its 2014 poll tally. In Maharashtra, the BJP looks well set to form a government with the help of ally Shiv Sena, but its numbers fell to 105 seats, compared to the 122 seats in 2014 in Maharashtra. In Haryana, BJP ended up with 40 seats, well short of the majority mark and much below the party's call for 70+ seats.

The state polls happened under the shadow of economic slowdown and weak consumer demand. The results indicate that the slowdown has finally started to hurt the ruling party. BJP fought the election on the nationalism issue including Article 370 and NRC, but the results indicate that voters, especially in the rural areas, may have voted more on local issues. This might be a wakeup call for The ruling party in New Delhi. This election has once again shown that regional leaders can't be totally ruled out in Indian politics.

Initial analysis shows people are voting differently for the Lok Sabha and state elections. National issues like Balakot and nationalism may have been the main narrative in the general elections. But state polls have to be won on local issues like lack of jobs, farm distress, rural issues along with economic slowdown on the ground, which are gaining more prominence. Towering central leaders may make a difference in Lok Sabha elections but for state elections, it demands strong local leadership. In past few years, BJP only faced challenges in elections where it faced challenges from strong leaders.

### It's all okay in Haiti : United Nations ends peacekeeping mission in Haiti

On Tuesday 15th October, 2019, The United Nations Security Council has ended 15 years of peacekeeping and justice operations in Haiti. Making good on a 2017 vote The United Nations decided to end its peacekeeping efforts in Haiti. The UN first sent peacekeepers after the overthrow of President Jean-Bertrand Aristide by the army in 2004 under the pressure of a popular uprising. In 2017, the United Nations replaced those soldiers with a police mission to train Haiti's forces, gradually reducing the number of officers from 1,300 to 600 and now to zero, with a scaled-down political operation to remain.

Haiti's current uprising grew in late August, with President Jovenel Moise reported to have siphoned off petrol funds during a national fuel shortage as

the inflation rate reached over 17%. The response has left at least 20 people dead and more than 200 injured. Schools still shuttered.



The United Nations and aid organizations have faced criticism for slow reconstruction efforts and failing to coordinate with the government and Haitians. A cholera epidemic that killed 10,000 people broke out after peacekeepers accidentally dumped infected sewage into a river following the 2010 earthquake, which killed more than 300,000 people. The UN hasn't accepted legal responsibility for the outbreak.

### Modi in Saudi: Modi ends his two day visit to Saudi

Prime Minister Narendra Modi concluded his visit to Saudi Arabia on Tuesday during which he held extensive talks with the top Saudi leadership and addressed a key financial forum here.

PM Modi, who arrived in Riyadh on Monday night, held wide-ranging talks with Saudi King Salman bin Abdulaziz and powerful Crown Prince Mohammed bin Salman, during which a Strategic Partnership Council was established to coordinate on important issues.



King Salman bin Abdulaziz hosted PM Modi for lunch after a short meeting, during which the two leaders exchanged views on working closely to strengthen the bilateral ties. The two leaders condemned terrorism in all its forms, and agreed to step up bilateral security cooperation.

India and Saudi Arabia signed memorandum of understanding (MoU) to roll out RuPay card in the Kingdom - making Saudi Arabia the third country in the Persian Gulf after the UAE and Bahrain to introduce India's digital payment system. Twelve MoUs were signed between the two countries in defence industries collaboration, renewable energy, security cooperation and civil aviation sectors.

### Modi now the highest followed world leader on Instagram

After being one of the most followed leaders on Twitter, Prime Minister Narendra Modi's popularity has also surged on Instagram, way ahead of other global leaders. Modi is the most followed world leader on Instagram now with 30 million people following his Instagram account.

On Instagram, he is ahead of US President Donald Trump as well as

former US President Barack Obama. Modi is also the only world leader to reach the 30 million followers' milestone. In September, Modi's Twitter follower count crossed 50 million.

Modi who has been a constant user of the the micro blogging platform ever since his days as the Chief Minister of Gujarat. He has off late taken keen interest in sharing photos and videos on Instagram as well.

### The assassin of Bagdadi, Is this the end for ISIS?

A years-long hunt for Abu Bakr al-Baghdadi came to a dramatic end this weekend (27th October, 2019) as US forces overcame gunfire, a booby trap and explosive vests during a raid in northwest Syria. The ISIS leader "blew himself up" when cornered by US military personnel who conducted the two-hour nighttime raid. Baghdadi — who declared a so-called Islamic caliphate in Iraq and Syria in 2014 — was one of the most wanted terrorists in the world. Baghdadi's demise is another blow for the terror group, which has faced increasing pressure in recent years. But ISIS is far from over and could even be poised for a resurgence. The US military operation that targeted ISIS leader Abu Bakr al-Baghdadi got underway on the ground in northwest Syria at 5:01 p.m. ET Saturday, according to a senior US defense official. The official said six enemy fighters were killed in the raid and the 11 children, who were safely removed from the house, were turned over to a "responsible" party. A senior Syrian State Department official told reporters Monday that the Kurdish-led Syrian Democratic Forces (SDF) "played a key role" in the raid on Abu Bakr al-Baghdadi's compound.

### Booker Prize 2019: Jury reaches a historical decision

On 14th October, 2019, Booker Prize for Fiction was announced and was jointly awarded to Margaret Atwood for The Testaments and Bernardine Evaristo for Girl, Woman, Other. This was the first time the prize was shared since 1992, despite a rule change banning joint winners. Margaret Atwood and Bernardine Evaristo jointly won the 2019 Booker Prize on Monday after judges "flout" the rules by declaring a tie. The Booker rules say the prize must not be divided, but the judges insisted they "couldn't separate" Atwood's 'The Testament' and 'Girl, Woman, Other' by Evaristo, who is the first black woman to win the prestigious award since its creation in 1969.

Margaret Atwood's, "The Testament", Lucy Elle's, "Ducks, Newburyport", Bernardine Evaristo's, "Girl, Woman, Other", Chigozie Obioma's, "An Orchestra of Minorities", Salman Rushdie's, "Quichotte" and Elif Shafak's, "10 Minute 38 Seconds in This Strange World" were among the list of total 6 nominees narrowed down from a total of 13 nominees.



## Adhyaay - 2019

The HBTU Literary Sub-Council along with other Sub-Councils is set to host Annual Techno-Cultural-Literary fest i.e Adhyaay'19 between 9th & 11th November.

Literary Sub-Council invites you all to participate in a series of the much anticipated Literary events of Adhyaay'19 which promise to be intriguing and riveting like never before. Some of the major events are Mr. and Ms. Literati 'The quintessential personality quest', Argue-Mental: A panel debate competition, Poesy Pinnacle: Slam poetry event, Kavyamay: Hindi Poetry Competition that may get you a chance to stand and recite besides the esteemed poets, Poster Presentation, Nazi Wolf: An event that lets you unleash the Grammar Nazi within you.

However, Kavi Sammelan will continue to remain the highlight of the Literary Club events.

Kavi Sammelan is set to play host to the most prodigious posse of poets bringing the perfect blend of all the genres of poetry under a single umbrella for an unfor. It includes Mr. Rakesh Tiwari - the Youtube sensation, Nilotpal Mrinal- Sahitya Kavi and Shri Aman Bhadavar- Veer Ras Kavi and a National-Level star attraction who will grace the evening and engross the audience like no other.

Adhyaay, the annual techno-cultural fest of Harcourt Butler Technical University, Kanpur is being held on the dates 9th-10th-11th of November. Under the umbrella of USAC (University Students Activity

Council), Cultural Council holds various events including, Dance, Singing, Rap Battles, Treasure Hunts, Graffiti, and many more. There are major night events.

events like EDM night which is filled with music, light show and upbeat atmosphere, Celebrity night which has a famous past line up including The Local Train, DJ Sartek (Sunburn Flagship Bearer) and more, it is set

the leaders amongst us, Quizzes (6 Genres) for all the inquisitive minds out there and various other sparking events. There would be a number of workshops, including spreading of awareness about pollution, cleanliness and motivational talks by renowned entrepreneurs. Plethora of events have been set to indulge in students to enhance and cherish their talents and different skillsets.

In all, it is a three day amalgamation of talent, bliss and culture.

For more details regarding help, events contact the undersigned.

Few more pages to unfold, and we will reach on the ADHYAAY of this year! ADHYAAY 2019, HBTU's annual techno-cultural fest is all set to leave us all astounded! With all its grandeur and extravaganza, packed up with the struggle to reach at the pioneer of the Technical Bonanza, it's going to be grand! Harcourtians will be getting a chance to witness Drone Stunts, Technical Exhibition, Remote Controlled Aeromodels. Not just that, they will be trying their hands at various technical projects involving Robotics, Aerodynamics and Coding. And the winners of each competition will be getting certificates and goodies! And wait! There will also be some talk sessions by those personalities, who have worked exceptionally well in their fields. So what's more! Come and get the chance to be a part of the most thrilling event of the year!



## ADHYAAY

to recreate the magical moments as made in the past.

Literary events include Kavya Sammelan which has a former lineup of Kumar Vishwas, Gajendra Priyanshu, etc. Kavya Sabha generally pulls in a lot of crowd due to the active involvement and presence of all the faculty members of the University. Open mic for free speech, Mr./Ms. Literati for the Literature Genius in students, Potential Professor for pulling out

### CONVOCAATION, AN AWAITED EVENT

The most anticipated occasion of Harcourt Butler Technical University is the First Convocation of the University that will be held on 7th December, 2019 at 9:30 a.m. in the University Lawn. All the pass-out of the batches M.Tech (2017-18), M.Tech (2018-19), MCA (2018-19) shall be attending this to receive their degree and medals. It will be a matter of great pride for all the Harcourtians to be a part of this grand event. This event will encourage the upcoming juniors to do better and achieve great success in their career. Hope this event turns out to be an extraordinary event.

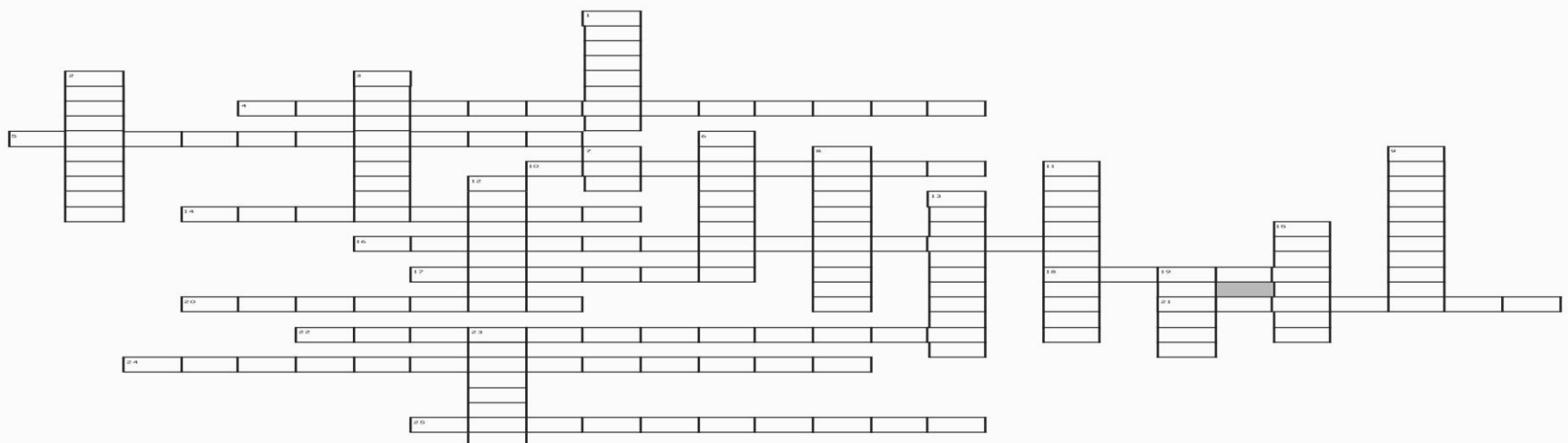
### INTERNSHIP RECRUITMENTS

Few companies conducting their placement drives also gave opportunities to Pre-Final year students to showcase their knowledge and expertise by giving them On-Campus Internships. Optum, Saint Gobain, Jaro Education etc. companies have conducted their Internship Drives in the University, taking students from various branches like CSE, IT, ME, CE, CHE. These recruitments have proved to encourage the scholars and have also developed enthusiasm among the students.

### PLACEMENT RECORD

NAME	BRANCH	COMPANY NAME
MAYUR MISHRA	CE	POLESTAR
AMAN GUPTA	CHE	DCM SHRIRAM KOTA
MOHD. ARIF	CHE	DCM SHRIRAM KOTA
SUYASH BAJPAI	CHE	DCM SHRIRAM KOTA
AMAN SINGH	CHE	DCM BHARUCH
DHARMEN DRA	CHE	DCM BHARUCH
HARSHIT TIWARI	CHE	JUBILANT LIFE SCIENCES
RAJ SINGH	CHE	JUBILANT LIFE SCIENCES
HARSH SIJARIYA	CSE	POLESTAR
VARUN GIRNANI	CSE	POLESTAR
PALLAVI GUPTA	ET	POLESTAR

### Introduction to Technology Crossword



- Across**
- 4. Make (something) on a large scale using machinery
  - 5. A new method, idea, product, etc
  - 10. The machines, wiring, and other physical components of a computer or other electronic system
  - 14. The programs and other operating information used by a computer
  - 16. The imparting or exchanging of information or news
  - 17. Moral principles that govern a person's behavior or the conducting of an activity
  - 18. A three-dimensional representation of a person or thing or of a proposed structure, typically on a smaller scale than the original

- 20. The branch of science concerned with the nature and properties of matter and energy. The subject matter of physics, distinguished from that of chemistry and biology, includes mechanics, heat, light and other radiation, sound, electricity, magnetism, and the structure of atoms
- 21. The intellectual and practical activity encompassing the systematic study of the structure and behavior of the physical and natural world through observation and experiment
- 22. The building of large structures. Considered as an industry.
- 24. An expert in or student of mathematics
- 25. The study of people's efficiency in their working environment

- Down**
- 1. An object made by a human being, typically an item of cultural or historical interest
  - 2. The branch of knowledge that deals with the creation and use of technical means and their interrelation with life, society, and the environment, drawing upon such subjects as industrial arts, engineering, applied science, and pure science
  - 3. A limitation or restriction
  - 6. The branch of science and technology concerned with the conveyance of liquids through pipes and channels, especially as a source of mechanical force or control
  - 7. Computer-aided design
  - 8. A mathematical determination of the size or number of something
  - 9. Facts provided or learned about something or someone

- 11. The branch of mathematics dealing with the relations of the sides and angles of triangles and with the relevant functions of any angles
- 12. Dealing with things sensibly and realistically in a way that is based on practical rather than theoretical considerations
- 13. The branch of science and technology concerned with the design, building, and use of engines, machines, and structures
- 15. Extract (metal) from its ore by a process involving heating and melting
- 19. A plan or drawing produced to show the look and function or workings of a building, garment, or other object before it is built or made
- 23. An idea or thing used as a measure, norm, or model in comparative evaluations



## Google's striking Quantum Computer feat; is the world ready for what comes next?

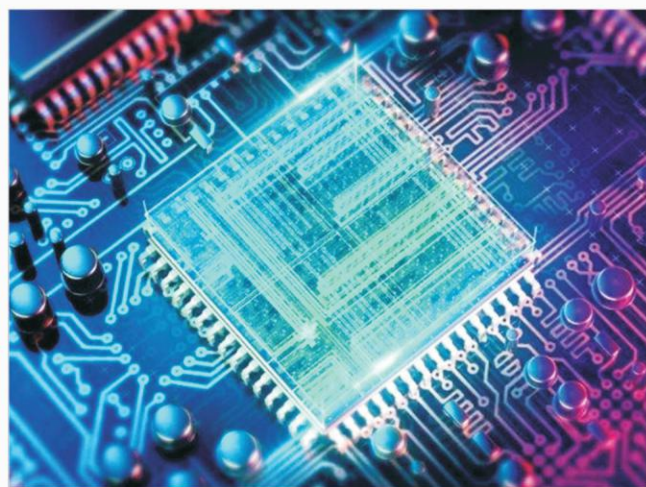
A rudimentary quantum machine has improved on the fastest supercomputer ever built by a factor of 1080 - an immense achievement by any measure...

Has the era of quantum computing finally dawned? In a field long plagued by hype and hubris, there's reason for some cautious optimism.

A team of scientists at Google's research lab announced last week in the journal *Nature* that they had built a quantum computer that could perform calculations in about 200 seconds that would take a classical supercomputer some 10000 years to do. An age of "quantum supremacy" was duly declared.

Rather uncharitably, IBM researchers were quick to point out that the feat was less than advertised. They estimated that by using all of the hard disk space at the world's most powerful classical computer, the Summit OLCF-4 at Oak Ridge National Laboratory, they could do the same calculation in 2.5 days, not 10000 years. Google's claim to have achieved quantum supremacy - that is, to have accomplished a task that traditional computers can't - was premature.

This was to miss the bigger picture: A rudimentary quantum machine has improved on the fastest supercomputer ever built by a factor of 1080 - an immense achievement by any measure. Although the specific problem that Google's computer solved won't have much practical significance, simply getting the technology to work was a triumph; comparisons to the Wright brothers' early flights aren't far off the mark.



So is the world prepared for what comes next?

Quantum computers, to put it mildly, defy human intuition. They take advantage of the strange ways that matter behaves at the subatomic level to make calculations at extraordinary speed. In theory, they could one day lead to substantial advances in materials science, artificial intelligence, medicine, finance, communications, logistics and more. In all likelihood, no one has thought up the best uses for them yet.

They also pose some risks worth paying attention to.

One is that the global race to master quantum computing is heating up, with unpredictable consequences. Last year, President Donald Trump's administration signed a \$1.1 billion bill to prioritize the technology, which is a decent start. But the US will need to do more to retain its global leadership. Congress should fund basic research at labs and universities, ensure the US welcomes immigrants with relevant skills, invest in cutting-edge infrastructure, and use the government's vast leverage as a consumer to support promising quantum technologies.

A more distant worry is that advanced quantum computers could one day threaten the public-key cryptography that protects information across the digital world. Those systems are based on hard math problems that quantum computers might theoretically be able to crack with ease. Security researchers are well aware of the problem, and at work on creating "post-quantum" systems and standards. But vigilance - and serious investment - is nonetheless called for.

No doubt, the quantum-computing era will have its share of false starts, dashed hopes and fiendishly difficult problems to overcome. As Google is showing, though, that's how technology advances: bit by bit, into a very strange future.

## ISS TO GET A RECYCLER THAT TURNS PLASTIC INTO 3D PRINTER INK



Made In Space, a US-based NASA contractor has built a 'Recycler' that reprocesses plastic into 3D printing filament, which will be sent to the International Space Station (ISS) on November 2. The filament can then be transferred to the same company's 3D printer, that has been operating on the ISS since 2016, to print spare parts and tools like cutlery.

The plastic will be broken down into a 'space cement mixture', which turns old plastic back into 3D printing biopink, in order for it to be continuously reused.

### AMAZING FACTS

- Animals use Earth's magnetic field for orientation.
- The human stomach can dissolve razor blades.
- A laser can get trapped in water.
- You can prove Pythagoras' theorem with fluid.
- The Earth appears to have a whole new underground continent called Zealandia.
- The world's smallest fidget spinner is 100 microns wide.
- Great apes, including chimpanzees and orangutans, have absolutely no appreciation of music whatsoever.
- A new state of matter exists (alongside solid, liquid and gaseous states) and it is known as time crystals. You can't taste food without saliva.
- When Helium is cooled to almost absolute zero (-460°F or -273°C, the lowest temperature possible), it becomes a liquid with surprising properties: it flows against gravity and will start running up and over the lip of a glass container.
- Octopuses have three hearts, nine brains, and blue blood.

## HTC Exodus 1S is the first cryptophone

Successor to the Exodus 1, HTC unveiled the Exodus 1S entry-level smartphone aimed at cryptocurrency users.

The highlight of the Exodus 1S is that it is able to run a full bitcoin node, a first for a smartphone, allowing the device to relay, confirm, and validate bitcoin transactions, *The Verge* notes.



The smartphone is less powerful in terms of hardware as it features a Qualcomm Snapdragon 435 SoC, 5.7-inch HD display, 4GB of RAM, 64GB of internal storage, 13-megapixel rear camera, micro USB, and 3.5mm headphone jack. The Exodus 1S is priced at 219 Euros.

## Scientists figure out a way to remove carbon dioxide and clear the air

Delhi's air quality index (AQI) has consistently registered an unhealthy 290 - 306 in the days after Diwali. AQI is a scale used for reporting day-to-day air quality. An AQI between 0 and 50 is considered good, 51-100 is satisfactory, 101-200 is moderate, 201-300 is unhealthy, 301-400 is very unhealthy, and 401-500 is considered severe.

This, just days after researchers said they had figured out a way to capture and reuse at least one gas that contributes to air pollution.

Scientists figure out a way to remove carbon dioxide and clear the air

### Clear the air

Carbon dioxide (CO<sub>2</sub>) is just one of the gases that actively contributes to poor air quality. How? It traps heat and ground-level radiation in the earth's atmosphere, creating the conditions for the accumulation of another known pollutant - ground-level ozone. Ground-level ozone can increase the chances of lung infection and exacerbate conditions. Researchers at the Massachusetts Institute of Technology (MIT) claim they've found a way to pull CO<sub>2</sub> out of the atmosphere and put it in everything from sodas to exotic greenhouse gardens.

### More is more

MIT postdoc Sahag Voskian and T. Alan Hatton, the Ralph Landau Professor of Chemical Engineering, found a way to reduce carbon dioxide from the environment by passing air through a stack of charged electrochemical plates.

The stacks of electrochemical plates are basically a large battery, with a superpower to absorb carbon dioxide.

Here's more: when you turn this battery on by passing electricity through it, the electrodes stack themselves up like a ladder. Each stack of electrodes is coated with a polymer called polyanthraquinones (also used for making dyes) and carbon nanotubes. On top of each stack of electrodes, an electrochemical reaction occurs which increases their affinity (love) for CO<sub>2</sub>. In short, when electricity runs through these electrodes, these CO<sub>2</sub>-loving electrodes fall in love with CO<sub>2</sub> all over again. When the device is fully charged up, the electrodes absorb CO<sub>2</sub>, even if it is present in very low quantities.

During the charging-up process, the device gives out "feed gas" and when it's discharged, it gives out pure CO<sub>2</sub>. Feed gas, also known as feedstock gas, is a dry gas used as a raw material for LNG, petrochemicals and gas-to-liquid plants.

### Double returns

This pure CO<sub>2</sub> stream can be compressed and injected underground for long-term disposal. Or we could just harness it from the atmosphere for use in industry and agriculture in conditions like asthma and chronic bronchitis.

Source : *Firstpost*

## TESLA UNVEILS THIRD-GENERATION SOLAR ROOF

Tesla has introduced its third generation Solar Roof which uses a new kind of tile made of textured black glass.

Tesla CEO Elon Musk said that the third version of the solar roof is finally ready for the masses and can be installed in less than 8 hours, *Mashable* reports.



Available for pre-order in the US with a price starting at round USD 33,950, Musk wants to expand the product worldwide in the future. The initial wait time for early adopters is expected to be a few months between pre-orders and roof installation.



## We Need to give more time to the learnings rather than chasing cgpa

Mr. Rajeev Sikka  
CEO Indian Oil Adani Gas

**Ques 1. Passing out as Civil engineer in 1986 and now CEO of Indian Oil-Adani Gas Pvt Ltd. How you describe this journey?**

Ans1.....The journey is plane and simple. it was like when I passed in 1986 and it still remain like that in year 2019 that we are talking, the larger issue is that one can be consistent always, one can remain focus at the work, one can rises beyond the role given to him and that one has got the capacity of keep on learning. what I see is someone is seeing this kind of attributes, we can keep on delivering the results. this is what we try to do always, this has been mantra so far.

**Ques 2. How you switched from civil engineering to the business administration and what induced you to do so?**

Ans2.....Actually, to tell you honestly whatever learning we do whether it is core engineering or business unless we see the bigger picture we will fall short of expectations, when I passed civil engineering in 1986 I realized the business side learning and exposure is equally important apart from core engineering the question is how could you do it the answer is simple, one has to keep on analyzing whatever projects you do whether you are a civil engineer or a mechanical engineer or any core engineer. Analysis has to be done keeping the business perspective of the project in mind. If one is able to think what business can my project bring then one can appreciate the business requirement, that is what we have tried to do always looking at the bigger picture and looking at how can I execute my project in a more meaningful way to facilitate business .these two traits are altered and evolving as a business leader apart from our core engineering skill.

**Ques 3. As you are regularly visiting other institutes. What sort of difference you feel in the culture and atmosphere of HBTU and these institutes?**

Ans3.....We have to admit that hbtu students can do much more if they get the same kind of environment that iits or free of the top iim

since top, our hbtu students are good but they can be better, my sincere suggestion to them will be to read more and themselves create forums of learning rather than depending on others or the ecosystem to facilitate their exposure.

**Ques 4. Is there any difference in the approach of the students of the HBTU and other institutes?**

Ans 4. Whenever I visited for the interaction with some of the students, the approach seems to be sometimes going for the shortcuts, in our view we need to give more time to the learnings rather than chasing cgpa, also outcomes are not important. The



important is how does one goes about engineering in a more methodical manner.

**Ques 5. You are the CEO of the company and you have seen the economy right now.....In the modern trend of recession. How you see the atmosphere for the startups in our country?**

Ans5.....the startup story, I have matured in since last 5 years, is still about to become mature in India, the ecosystem of the startup including the startup founders ,fund managers, vc's and the customers has evolved however there is lack of mentors to guide the startups and corporate governance rules which facilitate startups, startups are

missing, in lot more we can achieve once the system become effective to the startups as the key to entertainer growth and sustainable development.

**Ques 6. How you see the role of the institutes in the growth of the Industry? what initiative should be taken to improve this?**

Ans6.....to tell you the truth, it seems that there is lack of alignment b/w the academia, institutes and the industry, and the environment which is offered by the institutes while pursuing the degrees, do not have much industry connect thus it's on the institute as well as the students to go out and get exposed to the industry.

**Ques 7. Your company is basically marketing and Distribution Company of Gas?**

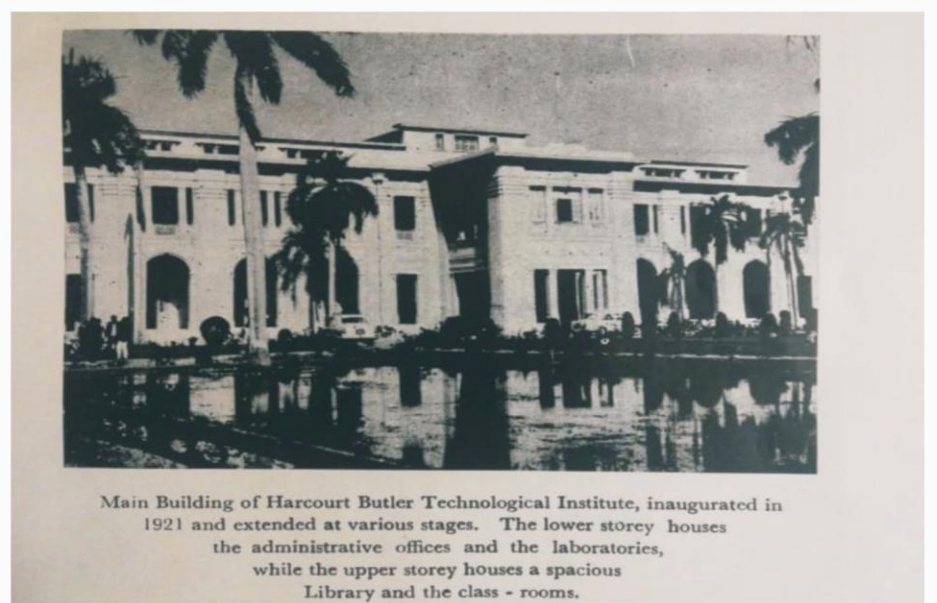
Ans7.....the fundamentals inside the fields are here is to grow ,the noice is happening all over the world currently, if climate change and environmental degradation to stop, green fuels like, cng (compost natural gas), and png(pipelined natural gas) are not only able to serve the customer in a more efficient way but also protect the environment as well . the consumption of the gas out of total energy scenario is likely to move to about 15 % in next 5 years which of in current ratio is 6% to the total energy basket.

**Ques 8. On what factors you recruit the students from the campus recruitment?**

Ans8.....currently we are not recruiting , you can contact me later in future once we got business in up.

**Ques 9. Any incident which comes in your mind when you hear the name HBTU?**

Ans9.....the accommodatory of the students when we gave the gate exam in early 1986 and good scores by most of mine engineering batchmates in that year gave lot of joy to us, the warmth and mutual admiration for civil engineering 1986 passout batch still continues.





**सपनें, ख्वाब, मंजिल**

अभी कुछ पल का अंधेरा है कल फिर रोशन सवेरा  
होगा,  
जो हँसते है तेरे ख्वाबों पे उनका ही तेरा आसपास  
घेरा होगा.

तू राहों की कठिनाई से मंजिले न बदलना ...  
बस अपनों और परायों के फर्क से जरा संभालना

तू अपनी मंजिल एक दिन जरूर पायेगा  
ये हँसने वालो से ही खुद के लिए तालियाँ बजवायेगा

दौड़ नहीं सकता अगर तो चलता रह ..  
बस थमना नहीं ये वादा खुद से करता रह

बस तू हार मत मान चाहे जीत में वकत हो थोड़ा..  
राही को ऊपरवाले ने कभी बीच राह में नहीं छोड़ा.

बस आसमान की ख्वाइश में जमीन से रिश्ता मत  
तोड़ना  
जिन्होंने तेरे दर्द में साथ दिया उन्हें तन्हां मत छोड़ना.

तू पा लेगा अपनी राह इतना तो खुद पर यकीन रख.  
आसमान के साथ बस थोड़ी सी ये जमीन रख..

**-Anshika Mishra**  
2nd B. Tech. FT

**JOURNEY**

I have made an Automated electricity saving device. It is the smartest and cheapest way to save Electricity Automatically at your home, college or anywhere.

It is based on time management. As we all do our work according to time and smartly so why don't we use Electricity smartly and with time!... Because now a days there is huge increase in consumption of Electricity as we know that all fuel automobile are converting into the electric Automobile. So it is important thing for us to use Electricity as smartly as we can. But nobody has time to do that. So leave this task on that Automated Device... YOU RELAX AND ENJOY!!!

**-Prateek Singh**  
3rd B. Tech, Mechanical



**-Shobhit Dixit**  
1st B. Tech. Plastic

**खाना खा लिया**

खाना खा लिया?  
अच्छा पढ़ाई कैसी चल रही है?  
मन लगा कर पढ़ते भी हो या नहीं?  
देर रात तक घूमते तो नहीं?  
अच्छा अपना ख्याल रखना।  
इस बार जब आएगा,  
तो मैं तेरे लिए तेरा मनपसंद खाना बनाऊंगी।

और मैं बस उनको सुनता रहा।

कल ही तो दोस्त से लड़ाई हुई थी,  
कल ही तो मैंने बोला था, मेरा कोई नहीं,  
कल ही तो सब बेगाने लगने लगे थे,  
कल ही तो मैं अकेला था,

पर मां तू कैसे जाने लेती है कि  
मुझे किसी की जरूरत है?

**-Animesh Tripath**  
1st B. Tech. Paint

**Hey there**

Hey there  
Just wanted to give you a positive message  
We people are so much stuck up in our own vague  
thoughts.  
We worry about people and things in ways as if it's a  
matter of life and death though we recognise that  
they ain't going to serve any purpose in life.  
We are so busy taking revenge for things that  
rejected us, so involved in unleashing our demons  
that we do not realise who we are.  
Life has so much to give us.  
There are literally innumerable places on this earth  
we haven't explored yet.  
There are so many people in this world with their  
own stories.  
There is so much of beautiful music, enough for you  
to forget all your problems for sometime.  
There is an abundance of things that you don't know  
yet.  
Our generation is a sad one, with happy pictures and  
unlimited fake portrayal of stuff we don't actually do  
in our real life.  
But what we don't realise is, how much blessed we  
are.

What else do you need from a mortal life?  
Count on your blessings before stepping up and  
destroying things that you have.  
Life can end any second.

Give yourself a second chance. Or a third, or a  
thousandth one.

Your time and energy is in your hands.  
Understand and realise your potential.  
You ain't weak.

Fight for yourself, your peace, your life.  
Stop wasting your time on things that keep on  
pushing you away.

There's a lot out there in this world that will provide  
you more than you're thinking you've lost.  
Open your soul to the best of the blessings coming  
your way.

Welcome love, peace, friendship and art.  
Maintain distance from things that you find  
troublesome.

Kill the mean 'you'  
Embrace your beauty. Love yourself.  
It's important to know your worth.  
Your manifest love and affection shall return back to  
you at all cost.

Keep up with things.  
Be transparent with your intentions.  
Be beautiful, be you.

**-Nemishi Arvind**  
3rd B. Tech. Biochem.



**Yashraj Awasthi**  
1st B. Tech.  
Chemical

**-Subhi**  
1st B. Tech  
Electrical

