



# THE PULSE OF HBTU

AUG 15 2023, TUESDAY

MONTHLY NEWSLETTER

## Celebrating India's 77th Independence Day

*"Liberty, when it begins to take root, is a plant of rapid"*



The day started with a "Walk for Freedom", where people of all ages, students, workers, guards and professors actively participated to show their love and respect for the country. As long as the individuals of our country are healthy, their contribution will increase, hence USAC's Sports Sub Council convener Dr. Vikas Yadav organized the walk to mark India's 77th Independence Day starting from Gate Number 3 of HBTU in front of the Shridharacharya hostel. The walk was followed by the hoisting of the national flag which was hoisted by our honourable Vice Chancellor Prof. Samsher at the main building or south gate HBTU. It was a moment of great pride and reverence for everyone present



As the day followed, there was a prize distribution ceremony to recognize the outstanding enthusiasm shown by all the participants. Also, the families of freedom fighters that helped us in the freedom movement were honoured and given a vote of thanks.



All the Harcourtians present at the moment celebrated the festival of liberty by taking the "Panch Pran" Pledge. In addition to this 100 trees were planted near the Vice Chancellor's residence as a way to contribute to the community with the assistance of students and the honourable assistant engineer sir.



The highlight of the day was the speech delivered by our respected VC SIR, Sir emphasized the importance of freedom and democracy in our country and the abolishment of corruption. The main highlights of the speech were " successful 2023 admissions ", " how bunks and various activities against the university rules plant the seed of

corruption in students", and "the grading given by NAAC and its significance." which made the speech thought-provoking and it motivated everyone to work towards building a better future for ourselves and our nation



# NATIONAL INTERNATIONAL

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## Cover Up Over Slums:

The first time that Saroj Devi heard about the G20 was when tall green walls began to be erected around the slum in Delhi where she lives. On the outside of the hoardings that now surround their slums, large posters bearing the face of the prime minister, Narendra Modi, have been placed, welcoming the G20 summit delegates who are likely to pass by. All schools, offices, workplaces, markets, restaurants, and non-food shops have been ordered to close for three days, movement on the roads will be restricted, all food deliveries have been banned and people recommended to stay at home. While the Delhi police have made several statements to assure people that this is “not a lockdown.” Harsh Mander, a civil society activist in Delhi, says there has been “a kind of feverish attempt to either expel the poor from the city or to erase them from public view.” “We are the fifth-largest economy in the world, but the reality is that we also have the largest population in the world of people living in poverty,” says Mander.

**Libya Cries:** As Flood Kills Over 11000 and ten Devastating flash floods unleashed by storm Daniel have so far killed over 5,000 people in Libya's eastern city of Derna. The floods have also left thousands homeless. Requesting international aid, Hichem Abu Chkiouat, the minister of civil aviation in the administration running eastern Libya, claimed that the country did not have the experience to tackle a disaster of this magnitude and its aftermath. As per CNN, Egypt, the UAE, Turkey, Italy, and Algeria are sending humanitarian aid to the flood-hit nation. The Mediterranean storm caused deadly flooding after two dams above the city in the mountains collapsed, reported the Associated Press. Detailing climate change, the CNN report stated, “As ocean temperatures around the world soar off the charts due to planet-warming emissions, the temperature of the Mediterranean is well above average, which scientists say fuelled the storm's heavy rainfall.”



**Warning For New Pandemic:** Nipah virus outbreak in Kerala, Covid era-like containment zones back in Kozhikode district

In the wake of the Nipah virus outbreak in Kerala, nine panchayats in Kozhikode district have turned into containment zones. Additionally, hundreds of Asha (accredited social health activist) workers visit the homes of residents every day, conducting medical check-ups, monitoring people, and collecting data. Shops selling essential items and medical shops can operate from 7 am to 5 pm. A 39-year-old man has been confirmed with the Nipah virus after his samples turned positive. It was detected in Kozhikode in 2018 and 2021 and in Ernakulam in 2019.

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## Big Breakthrough For Organ Donation:

Pig kidney works a record 2 months in donated body. Dozens of doctors and nurses silently lined the hospital hallway in tribute: For a history-making two months, a pig's kidney worked normally inside the brain-dead man on the gurney rolling past them. The experiment came to an end on Wednesday as surgeons at NYU Langone Health removed the pig kidney and returned the donated body of Maurice "Mo" Miller to his family for cremation. It marked the longest a genetically modified pig kidney has ever functioned inside a human, albeit a deceased one. And by pushing the boundaries of research with the dead, the scientists learned critical lessons they're preparing to share with the FDA - in hopes of eventually testing pig kidneys in the living. That gives you a lot of confidence for next attempts." Montgomery, himself a recipient of a heart transplant, sees animal-to-human transplants as crucial to ease organ shortage.

**Anantnag Encounter:** Army officers and J&K Police DSP martyred as anti-terror operations continues for search of terrorists in Kokernag forest. As anti-terrorist operations by security forces continue for the third day in Anantnag, in which four officers including the commanding officer of the Army's counter-terrorist unit, 19 Rashtriya Rifles (RR) and a young deputy superintendent (DySP) of Jammu and Kashmir police were killed. Security forces resumed the cordon and search operation against the terrorists hiding in the dense forest in the Kokernag area of south Kashmir's Anantnag district on Friday morning.



The security forces have been using Improvised explosive devices (IEDs) to target those areas in the forest where terrorists are hiding. Jawans who were killed in the Anantnag encounter were gallantry awardees, Colonel Manpreet Singh, his company commander Major Ashish Dhonchak, DySP Humayun Bhat and the identity of the fourth soldier yet to come. On Thursday, the Dogra Front held protest in Jammu against Pakistan after security personnel lost their lives in separate encounters with terrorists in Kashmir valley.

**New Beat:** America's largest newspaper chain is hiring a Taylor Swift and Beyoncé reporter. This week the United States' biggest newspaper chain posted to its site two unusual job listings: a Taylor Swift reporter and a Beyoncé reporter. Seeing both the facts and the fury, the Taylor Swift reporter will identify why the pop star's influence only expands," the company said in its job description. Critics of the new roles cited layoffs at Gannett, where the workforce has shrunk 47% in the last three years because of layoffs and attrition, according to the News-Guild. Last year alone, Gannett cut about 6% of its roughly 3,440-person U.S. media division. Said Anastasi: "We're not hiring a Taylor Swift reporter at the expense of other reporters."

**The Big Power Game:** As Xi and Putin skip the G20 meet, the geopolitical rift widens, but India succeeds in centring the global south.

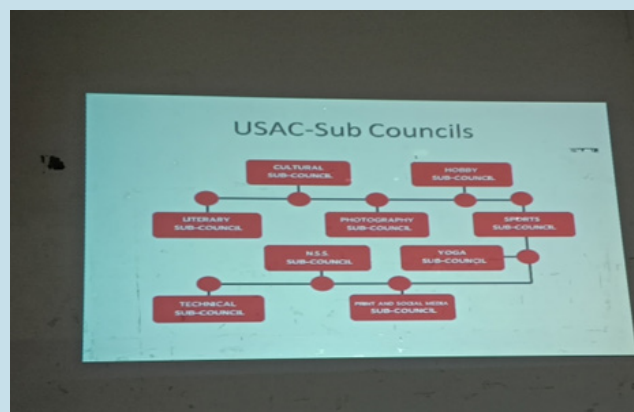
# IN AND AROUND

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## The Induction program

The induction program for the batch of 2023-2024 kicked off on August 16, 2023, with an orientation program, where students were warmly welcomed to our college and guided on a campus tour. Over the following two weeks, department deans conducted a series of workshops to familiarize our first-year students with college policies and procedures. Additionally, Heads of Departments (HODs) introduced students to the various departments within the schools of engineering and chemical technology



Our freshers were treated to motivational talks by external experts, covering themes such as entrepreneurship and language proficiency. To foster a sense of community, the college sub-councils organized daily, fun-filled activities, encouraging our newcomers to make friends and explore their new academic home.



To keep the energy levels high, we hosted daily sports activities in the evenings, led by professional coaches, and invigorating morning yoga sessions. The culmination of this enriching induction program was marked by an inspiring address from our Hon'ble Vice Chancellor, which concluded on August 31.

# EDITORIAL

AUG 15 2023, TUESDAY

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## Villages are the new Old Age Homes



During this old age, when the elderly need love, care, support from their children, the old-age allowance seems to be the only light in a world of darkness. The increase in the number of ghost villages reported in various surveys poses a great threat on our senior citizens who have no one to attend to them in case of health emergency with the healthcare facilities far away.

Chief Minister Migration Prevention Scheme was brought in Uttarakhand in the year 2020 under the Rural Development and Migration Commission to stop migrations. This scheme aimed to generate livelihood and increase basic facilities in revenue villages where half or more population has migrated.

It is a question mark on the infrastructural development of the administration when many villagers claimed they hadn't even heard of the scheme. It is worth introspecting, even in 21st century many parts of the country are cut from the mainland with a helpless population.

Suyash Joshi  
2nd B.Tech Paint Technology

# EDITORIAL

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## The Women's Reservation Bill 2023

The Women's Reservation Bill is a crucial step towards addressing the gender disparity in legislative bodies and enabling greater participation of women in policy-making at state and national levels. PM Narendra Modi on September 19th, 2023 introduced the 128th Constitutional Amendment Bill, 2023, to bring in 33% reservation for women in the Lok Sabha and all state Legislative Assemblies. The Bill extends the quota to the seats reserved for SC/STs. Calling himself "A chosen one for empowering and strengthening women", Prime Minister urged the five-day special session of Parliament to pass the Bill, dubbed by the government as the 'Narishakti Vandan Adhinyam'. This editorial aims to provide an insightful analysis of the bill, its implications, and the evolving situation surrounding this issue

**Promoting Gender Equality:** Women's representation in legislative bodies is important for achieving gender equality in politics. It allows for the inclusion of diverse voices and experiences, leading to more inclusive and equitable policies. By reserving seats for women, the bill ensures that women have an equal opportunity to participate in decision-making processes, challenging traditional norms and breaking down structural barriers. It sends a powerful message that women's voices matter and deserve to be heard in shaping the future of our nation.

**Inspiring Future Generations:** The bill has the potential to inspire future generations of women leaders. When women see themselves represented in positions of power, they are more likely to aspire to similar roles and believe in their own capabilities. This can lead to a positive cycle of empowerment, where more women actively participate in politics and contribute to the development of society. By passing the Women's Reservation Bill, we can create role models for young girls and instill in them the belief that they can achieve anything they set their minds to.

**Addressing Tokenism:** One concern often raised regarding women's reservation is the fear of tokenism, where women are seen as mere placeholders without genuine influence. To address this, it is crucial to complement the bill with capacity-building initiatives that empower women with the skills and knowledge required to be effective leaders. By investing in training programs, mentorship opportunities, and support networks, we can ensure that women in politics have the necessary resources to make meaningful contributions and shape policy decisions.

**Conclusion:** The Women's Reservation Bill plays a pivotal role in achieving gender equality in politics. By reserving seats for women, we create an environment where women's voices are valued perspectives are diverse, and decisions are more inclusive and representative of the entire population. It is essential to advocate for the bill, challenge traditional norms, and create an enabling environment that supports women's participation in politics. Let us stand together in supporting this transformative legislation and work towards a future where women's representation in legislative bodies is no longer an exception but a norm.

Ishita Bhatnagar  
2nd B.tech Paint Technology

# STARTUP AND INOVATIONS

OCTOBER 7 2023, SATURDAY

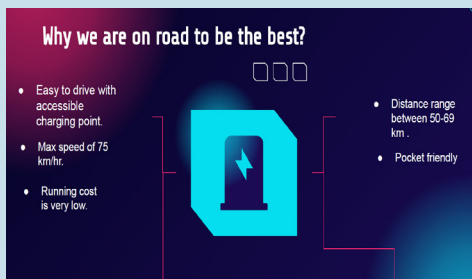
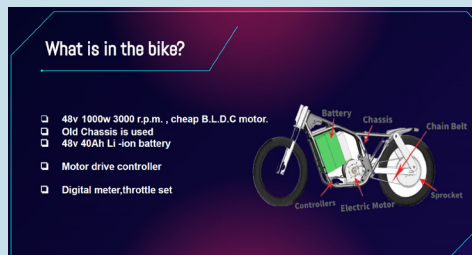
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## RELECTRA ELECTRIC BIKE



This was a handcrafted project by Mayank Khanna Sir, 2023 graduate in chemical engineering. He converted a petrol-powered bike into an e-bike with a mere funding of 50,000 from the university.

Technical details:



Mayank Khanna sir made a significant sacrifice by choosing entrepreneurship and innovation over the path of seeking a good placement. Please express your gratitude to him in the warmest manner possible through your editorial.

## THE SPECIAL SCHOOL



Name of Startup Company- EUPHELITY PVT LTD  
 Founder Name- Anant Vaish & Mohammad Mujtaba  
 StartInUP Certificate Number- R/STARTUP/UP/LKO/2022/00003538

DIPP Certificate Number- DIPP106798  
 District of Incorporation- Kanpur  
 Brief of Startup- Eupheliy is a startup company that provides IT solutions to social problems, it was established in July 2022. Currently, we are primarily focused on the education of specially-abled students who are blind, deaf, dyslexia, cerebral palsy, and voiceless with our application called "THE SPECIAL SCHOOL". We are solving the problem of around 2 million special students in India who live majorly in rural areas. The app provides education as per the NCERT curriculum from class 1st to class 5th with the help of mindmaps, podcasts, animations, GIFs, games, and quizzes. It works on the comprehension and visualization power of special students. Especially for the blind, their voice can control the whole application. Our goal is to provide the best education to every special student from home, our mission is to give education from primary level to Ph.D. We are recognized by the Ministry of Education, won Smart India Hackathon 2022.

## SAMOCHA

Name of Startup Company- Samocha Ventures Private Limited  
 Founder Name- Shivendra Gupta and Akash Sagar

StartInUP Certificate Number- R/STARTUP/UP/LKO/2022/00003809

DIPP Certificate Number- DIPP93215

District of Incorporation- Kanpur

Date of Incorporation- 03 May 2019

Date of Incubation- NA

Thrust Area /Sector- Hygienic Tea and Snacks, D2C brand of premium teas



Brief of Startup- Samocha - Samocha is all about fresh and hygienic chai and snacks. You can hang out at our cafés over a cup of tea and create some happy stories. Wanna enjoy our chai at the comfort of your home? We've got you covered with our Tea Origin range of premium teas. This business does not have any alumni or current student as owners, it is solely incubated in the Atal incubation Hub. It resembles more of a 'chai ka galla'.

# INFRASTRUCTURE JOURNAL REPORT

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## — Unmaintained Roads Pose Threat To Commuters —



Commuters and employees of HBTU are facing a tough time travelling on the muddy and pothole-ridden stretch between Helipad and Vishwakarma hostel. Even after drying up, the road is in a miserable condition. People have no option but to travel on these roads on which the existing potholes and craters have begun to grow deeper due to rains. The roads pose a threat to commuters, both in terms of hygiene and safety. Though the University administration is making temporary repairs on these roads, a permanent solution to the pathetic condition of roads is the need of the hour to prevent any serious mishap.

## — Lawn Tennis Court demands Urgent Attention —

The lawn tennis court on the premises of the University is lying unused. Due to lack of maintenance, budding tennis players cannot use the facility. The court has become a victim of negligence and has failed to serve the purpose for which it was built. It is painful to see the court in such a condition when HBTU has had a great glorious past in the sport of Lawn Tennis. There is a glimmer of hope as the matter has already been brought to the notice of the higher authorities and they are trying their best to revive the facility and make it operational.



## — Consistent Hostel Bus Facilities Required —

Students residing in the West-Campus of the University face difficulty in bridging the distance between the West and the East Campus on regular basis. Though there are bus and E-rickshaw facilities available for commutation, both have some problems associated with them. While the number of buses available are very less as compared to the students, the E-rickshaw driver's don't move until they have the total permissible passengers onboard, making it difficult for students to be on time for the class. A consistent bus service with adequate number of buses can be of help to the residents of the West Campus



# INTERVIEW

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- **Saurabh Kaushik**  
**ONGC Superintendent**

## **Choosing engineering field is your personal choice or someone advised you to do so?**

That was a predefined mindset for me most of my family members have already built their carrier in this field so i have get to know about the pros and cons of it since i have interested in innovation field and according to me the difference between science and engineering is science tells us what it is and engineering tells us what it can be i am very practical type of person so i have chosen this field to get a better version of myself by a continuous innovation

## **Did you feel college prepared you for the workforce and real world ?if yes how?**

yes,the college prepared me for the workforce and real world . college provides us path to cultivate skills and most important part of it is a peer group with whom you will spend whole day in learning the things .the type of friends to whom we met in college are really very supportive .Environment of HBTU and knowledge level of proffs are also very good apart from it its completely your own call to choose the best from available things

## **What are some best college memories which you have carried out from HBTU KANPUR with yourself forever?**

I will say everyday in college is a memory ,the best memory which i could remember at this moment is we are a group of 3 friends ,on that time we visit to nawabganj snacks shop daily to have a breakfast and it was earlier decided by us that who will going to pay for it so it was the most awaited moment for us in our daily routine everything till today looks lively as it all happened just a day before..

## **How have you managed your co-operate life at ITC along with preparing for PSU?**

That was a backbreaking schedule at ITC as i was the youngest over there so i had to work there in night shifts in MP plant my sleep cycle is disturbed badly due to night shifts ,i was facing too many problem in my daily life so i have decided to move towards psu in this time period of 1 year i have made notes of each subject and following my dream with passion .I used to study whole night and 4-5 hours in day time I have given my 100% to my preparation and got selected for GAIL(ONLY 7 SEATS ARE VACANT)

ONGC BOTH.....

## **What is the scope of chemical engineering in real world?**

Scope of chemical engineering has a wide range in petrochemicals ,paints and production industry but in recent years it has been seen a little decrease i.e. because of ESG(Environmental score grade) because we cant deny the fact that pollution is also big part of chemical industry that is not good for environment so if we can find a way how to minimize the content of pollution from chemical industry then it will be a leading field According to DATA IN 90s highest paying jobs are from Chemical Industry

## **At last could you please send some message to HBTU students ? i am sure it would be inspiring**

- choose your industry wisely
- make memories as many as you can
- try to expertise just one thing at one time because industry wants experts not explorers

# CREATIVE CLUSTER

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## I SAT ALONE.....

As idle as a snail,  
 Or a crane,  
 Upon a vale.  
 I sat lone  
 On the lush green grass,  
 Waiting,  
 For the tough time to pass  
 And 'round me, the woods,  
 Swung and swished, jolly they stood.  
 I sat alone,  
 Beside the bushes,  
 Aside from the brook  
 Far from the cunning, and the crook,  
 Below the stars,  
 Below the moon,  
 The owls will start screeching soon.  
 I sat alone,  
 Not a chirp of birds,  
 Not a buzz of bees,  
 Creatures asleep,  
 Among the trees.  
 The pebbles and water played a melody soft,  
 Bats on trees- hung aloft.  
 I sat alone,  
 Among the moving, twinkling light,  
 Of the fireflies, in their flight.  
 Lilies, roses and daisies behind,  
 In sleep too, stole my mind.  
 The whole magic-  
 In my heart it crept,  
 The clean breeze-  
 My soul it swept.  
 Saint like I felt, I wondered,  
 Left astonished, I pondered,  
 That how much beauty, nature beholds,  
 First truth is that, just we are flesh and bone,  
 And the second one...  
 In that night cold,  
 Then, here and still, I sat ALONE.....

-Swarnim Mishra  
 3rd BTech, Electronics Engineering



Anu Chaudhary  
 2nd BTech Computer Science and  
 Engineering



Yatendra Yadav  
 3rd BTech Chemical Engineering