



THE PULSE OF HBTU

FEB 15 2023 , WEDNESDAY

MONTHLY NEWSLETTER



Pledge ceremony and Running competition on Republic day 2023

सफर सुगमता की ये कक्षा, प्राण बचाने की है शिक्षा,
ना पूँछों, बस मानो अब, सड़क सुरक्षा जीवन रक्षा

Prioritizing precautions over road accidents. NSS HBTU conducted a pledge ceremony for all students, Faculty members for "Road Safety" on the auspicious Republic Day 2023.

On this auspicious occasion of the Republic Day 2023. HBTU celebrated the 73rd anniversary of the adoption of the Indian Constitution, NSS HBTU conducted a pledge

ceremony on one of the most pressing issues that our country faces today - Road safety.

As the college celebrated the 72nd Republic Day of India, there was another exciting event that took place on the campus - a 100 meter race. This event was held in the spirit of sportsmanship, athleticism, and national pride, and it drew a large crowd of students, faculty members, and staff.

The race was open to all students who were interested in participating, regardless of their level of athletic ability or experience. The participants were divided into different categories, based on their gender and age, and each category had its own set of rules and regulations.

The 100-meter race was a fitting tribute to the spirit of sportsmanship and national pride, and it was a great way for the college to celebrate the Republic Day of India. The event brought together students from different backgrounds and abilities, and it showcased the best of what the college community has to offer.



Bandish



Gustav Mahler once said, "When I am making music, all the answers I seek for in life seem to be there, in the music, there are no questions and no need for answers." On January 12th, 2023, HBTU's music society, OCTAVE, organized an orientation program for the incoming batch of 2026 students. The event, called BANDISH, took place in the RadhaKrishnan Auditorium on the West campus, and saw enthusiastic participation from the freshmen.



EVENTS

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Workshop on Organic-Waste Management

On the 13th of January, 2023, NSS HBTU in collaboration with Deutsche Gesellschaft fur Internationale Zusammenarbit (GIZ) GmbH, organised a "One -Day Training Workshop" on "Organic-Waste Management" in Landmark Hotel, Kanpur.

In this workshop, attendees (students from our university) got to know about the various techniques to manage biodegradable waste. It is estimated that the Indian subcontinent alone generates 1,60,039 MT of municipal solid waste per day, out of which approximately 50-60% of waste is biodegradable or organic waste. This waste quantity is expected to double by the year 2030 and increase up to 165 million MT per annum.

This can cause serious threat to the citizens of our country, leading to consequences such as greenhouse gases production, pollution, various diseases, soil degradation and so on. In the workshop attendees got to know about the aerobic and anaerobic composting, practical demonstration of manure making, intellectual talks by dignitaries. The session was very interactive and informative. The questionnaires, presentations and two-way communications made the session even more fruitful.



The workshop was inaugurated by Dr. Dipteek Parmar sir (Pro Vice-Chancellor HBTU) along with him, Dr. Alakh Kumar Singh sir (Ex-Dean of Chemical Technology), Dr. Ashwani Kumar Rathore sir, Abhishek Kumar Lal sir (Convenor NSS HBTU), Dr. R.S.Y sir, Dr. Gaurav Singh sir, Dr. Jitendra Bhaskar and many more faculties graced the session with their session.

The target audience were the wardens of various hostels of HBTU Kanpur. The aim was to manage waste wherever it was generated. The students from B.TECH and M.TECH were also seen volunteering in the program.



PRE-SUMMIT '23

On January 9th, 2023, the entrepreneurship cell of IIT Kanpur collaborated with HBTU Kanpur to organize their PRE-SUMMIT '23, an event aimed at promoting entrepreneurship in India. The speakers at the event were thanked for taking the time to share their knowledge with the students, and the session was interactive and informative. This collaboration between two like-minded organizations brought the event to life and was part of a broader effort to expand the entrepreneurial wave in India.

NATIONAL AND INTERNATIONAL

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1) Rahul Gandhi unfurls national flag at Srinagar's Lal Chowk



As the Bharat Jodo Yatra reached its penultimate day before coming to an end on Monday, Congress leader Rahul Gandhi raised the flag at the iconic clock tower of Lal Chowk in Srinagar on Sunday.

Gandhi is seen in a video on the Congress' official Twitter account being joined for the flag-raising ceremony by his sister, Congress national secretary Priyanka Gandhi Vadra, as well as other party officials from Jammu and Kashmir.

2) Odisha Health Minister Naba Kisore Das shot at by policeman in Jharsuguda district, accused nabbed



Naba Kishore Das, the minister of health and family welfare for the state of Odisha, was reportedly fired at on Sunday in the Jharsuguda district by an assistant sub-inspector of police, according to an official. Around 1 pm, the event happened in Brajrajnagar town when the minister was travelling to a function. The minister was then taken to a hospital, according to Brajrajnagar SDPO Gupteswar Bhoi. To determine what caused the ASI to start firing, an investigation has been opened.

3) Right to Information site features stripped because of 'heavy load', RTI query reveals



The National Informatics Centre (NIC) has removed the option to create new accounts on the Union government's RTI Online portal, where citizens can file Right to Information applications to central government organizations, due to the "heavy load" on the website, the Department of Personnel and Training (DoPT) said.

4) After India, China gives financing assurances to Sri Lanka for IMF bailout package



A few days after India forcefully backed Sri Lanka's efforts to win the loan from the international lender to recover from its worst-ever economic crisis, China has provided the debt-ridden island nation the financial assurances necessary by the IMF to release a USD 2.9 billion rescue package for the country. On Saturday, a letter from China's Exim Bank was sent to Sri Lanka, giving a two-year repayment moratorium and accepting the IMF's extended financial facility. (EFF).

5) Russia says West's deliveries of new weapons to Ukraine will lead to global catastrophe



Ivyacheslav Volodin, speaker of the Duma, the lower house of Russia's parliament, a close ally of President Vladimir Putin, warned on Sunday that deliveries of offensive weapons to Kyiv that threaten Russia's territories will result in a global catastrophe and render arguments against the use of WMD untenable, warning that the support of the West and NATO for Ukraine is pushing the world towards a "terrible war."

6) China builds new dam in Tibet near Indian border



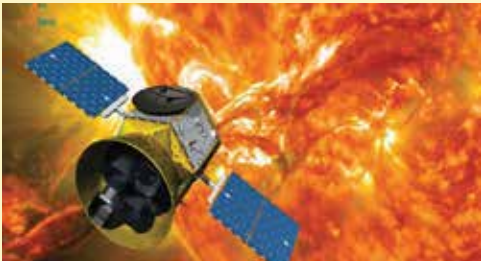
New satellite photography has revealed that China is constructing a new dam in Tibet on a Ganga tributary, not far from the trijunction of its borders with India and Nepal, which might be used to regulate the flow of water downstream. Before finally entering the Ganga river in India, the Mabja Zangbo river feeds into the Ghaghara or Karnali river in Nepal.

SCIENCE AND TECHNOLOGY

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1. India's First Mission to Study The Sun, Aditya-L1, Will Be Launched By June-July: ISRO Chairman



Aditya, which translates to "Sun" in Sanskrit, is a coronagraphy spacecraft that will explore the solar atmosphere (solar corona - outermost part). Now, ISRO and several other Indian research organisations are working on its design and development. It will be the first specifically designed Indian mission to observe the Sun, and it will launch in June or July 2023 on a PSLV-XL rocket.

2. INNCOVACC - India's First Intranasal Covid Vaccine Launched



Jitendra Singh, the minister for science and technology, and Dr. Mansukh Mandaviya, the union health minister, unveiled the iNCOVACC, the first nasal immunisation developed in India against the Covid-19 virus. The vaccine was developed by Bharat Biotech. The first intranasal vaccine made in India was made public at Mandaviya's residence. The company's chairman and CEO, Krishna Ella, attended the Maulana Azad National Institute of Technology's "Face-to-Face with New Horizons in Science" event hosted by the IISF (MANIT).

3. Artificial Synapse For Brain-Like Computing Developed By Indian & Australian Scientists



In order to create hardware for neuromorphic computing, a group of scientists at the Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), an independent organisation of the Department of Science and Technology, Government of India, in Bengaluru, used their expertise in nitride-based materials. They employed ScN to create a device that resembles a synapse and controls the transmission of the signal while also storing the signal.

4. SpaceX Launches 51 Starlink Satellites From California



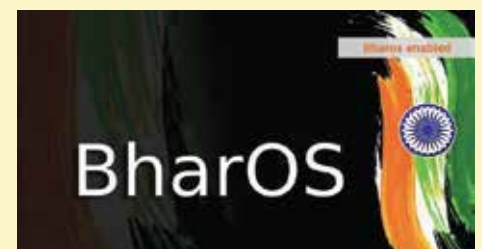
More than 40 Starlink satellites were launched into low-Earth orbit by a SpaceX Falcon 9 rocket from the Californian coast. Northwest of Santa Barbara, at Vandenberg Space Force Base, the rocket was launched at 7:43 a.m. California time. There were 51 Starlink satellites on board. The rocket was seen by onboard cameras breaking through a bank of clouds over the coast. Following stage separation, the first stage of the Falcon 9 came down to Earth and touched down on the Of Course I Still Love You dronship, which was positioned in the Pacific Ocean.

5. Space Kidz India Satellite Made By 750 School Girls To Be Launched By ISRO



Indian Space Research Organization (ISRO) launch vehicle will carry a satellite built by 750 girls attending government schools across the nation, according to Space Kidz India, a Chennai-based space tech business. Skyroot Aerospace's Vikram-S launch vehicle carried Space Kidz's payloads, as the first Indian private rocket to launch into orbit last year.

6. IIT-Incubated Firm Develops BharOS - The Indigenous Operating System



An IIT Madras-incubated firm has developed an indigenous mobile operating system called BharOS which is being provided to organizations that have stringent privacy and security requirements and where users handle sensitive information. Such users require access to private cloud services through private 5G networks. BharOS provides access to trusted apps from organisation-specific Private App Store Services (PASS). A PASS provides access to a curated list of apps that have been thoroughly vetted and have met certain security and privacy standards of organisations.

EDITORIAL

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Mythologies Without Borders

'But Noah found favour with God for he alone was righteous among the people of his day. And God said to him, "I will establish My covenant with you; you will go into the ark with your wife, your sons, and their wives."

Around the world, at least 400 distinct cultures tell us of a great flood that destroyed innumerable civilizations and how a hero emerged to save humanity. Three different Sumerian epics speak of the same tale- the gods, enraged with the humans, decided to send a flood to exterminate them. One of the gods, Enlil, spoke to the humble and obedient King Zuisudra to warn him of the impending disaster. He built a large boat and successfully rode out the flood, and owing to his virtues, was granted immortality.

If you think you know this story, you do. You may have heard of Noah's Ark, or the tale of Lord Manu, or that of Yima, son of Vivanghat. They're all referred to as the 'flood myths'. It seems as though while we all grew up differently, the stories we grew up with transcend the boundaries of space and time. So a Mesopotamian child over 5,000 years ago got the same example of good behaviour and divine reward as a 21st century Indian child did.

The Bhagavad Purana mentions the Saptarishi, or seven rishis. Seven sages were also described in relation to the great flood in ancient Sumeria, known as the Apkallu. Be it the Seven Wise Men of Greece and the Seven Sages of Rome, all over the world, we find examples of 7 great men who occupied honourable positions in society.



The *Apkallu* sages are depicted in carved inscriptions wearing garments resembling the bodies of fish. The incarnation of Lord Vishnu who warned King Manu of the oncoming pralaya was his fish form, or the Matsyavatara. Interestingly, the Dashavatara tale of Lord Vishnu speaks of evolution, expanding from a fish form, to a tortoise form, all the way to a dwarf Brahmin, and an enlightened individual who guided people to nirvana.

The final avatar of Vishnu, known as Kalki, is said to be a future incarnate- he will appear at the end of Kaliyuga, when all have strayed from the path of God, and will destroy all the evil forces and save the good people. This belief finds echoes in the Abrahamic religions as well- The Judgment Day in Islam, the Second Coming of Christ and the Messianic Age of Judaism- they all point to a greater belief in a divine entity who will reward the good and punish the evil on an apocalyptic doomsday.

The Sanzu river is a mythical river in Japanese-Buddhist tradition that connects to the underworld. Similar concepts can be found in Hinduism's Vaitarna and the Styx river from Greek mythology. A frequent symbol for the journey to nirvana is an unending stairway- symbolised by Mount Kailash in Hinduism, Mount Olympus in Greek mythology, and Tianmen Shan in China.

We seemingly live in a world where no story is original and one-of-a-kind. Literature connects every culture with every other- it lets you find an invisible string that runs through the heart of each and every person who grew up with stories, no matter when they were born and where they heard those tales. It gives you something in common with every other human being who has walked on this planet, uniting us all sans the boundaries of space and time, because we all grew up under the same sky, and it's stories that make us who we are.

~AASHIKA NATH
2nd B.Tech Electrical Engineering

CREATIVE CLUSTER

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She wakes up and looks in the mirror each day,
And she is really not sure who is looking back at her,,
Conformed by the society,,tied with tight knots,,
Still tries to soar to her world ,,but Oh Alas! Something i.e society
always gets stuck in her throat,,

Unknown, underground, stranger paths of what she thinks about ,,

No you're not" words by silhouette in her ears got whispered,

This woman is living so many lives ,
But don't know who she is and how she should thrive,,
So ,she is on the mission to find herself,,

She seek for the person that's waiting to be found,
Just wanna find herself,,

Aina Agnihotri

2nd BTech plastic technology



Vishal Kumar Shah

2nd BTech Information Technology

LIFE-AN UNPLANNED JOURNEY

Its cherishing to be nostalgic,
absorbed in those retro pics,
life was gusto and better in the past,
but the irony is we wanted to grow fast.

life's been a beautiful unpredictable journey.
took toll on our emotions through difficulties,
fell, got up, hurt, healed, laughed
and cried and still moved on,
with hopes in our heart to toil and be a unicom.

experiences have had held oxymoronic nature,
strengthening in all aspects the fellow creature
life was indeed a crazy labyrinth to pass,
deciphering the exit is a tough task.

running after meretricious ambitions,
neglecting the beauty of God's creations,
manipulating personality and improving upon look
but the cruel little world is still gonna find nooks.

keeping mendacious hopes to please everyone
turned upside down against Him one by one
these setbacks left you feel fail and alone,
but actually these were the stepping stones.

still lot many mysteries to unfold,
but not lose myself in this cold,
growth or degrowth, I learned to distinguish
but certainly not to let the flame extinguish.

~**Aashika Nath**

2nd BTech Electrical engineering



Manas Motwani
2nd BTech Plastic
Technology

Convenor: Dr. Adarsh Kr. Arya

Student Secretary: Jasmeen Kour

Co-ordinators: Abhay Kumar, Shobhan Srivastava

Team: Aashika Nath, Aditya Dixit, Arpit Kumar, Ashwina Ashish, Ayushman Pandey,
Disha Singh, Hritik Mishra, Kriti Srivastava, Shashank Dwivedi, Shiva Tiwari,
Vishal Kumar Shah.