FAREWELL TO BATCH OF 2020

The meagre start of 2020 saw with it the complete obliteration of our social lives. Covid had swept us off our feet and we were left stranded in the loneliness of our houses. COVID-19 pandemic is straining systems worldwide. Besides health, families are struggling with uncertainties surrounding their jobs and aspirations. At all levels of education, the graduating batch of 2020 will suffer from a worldwide slump in hiring.But nevertheless, HBTU foresees a bright future for them.

The batch of 2020 was special, they are the last of the real ones, last ones of HBTI. The charm, poise and intelligence that they possessed will be difficult to emulate. HBTU will forever remain indebted to them and the legacy that they carry.

HBTU also had a sunny side up with the victory in the Smart India Hackathon, over 100 colleges participated in this event and gathering up the first and the second place in the software development of SIH is a huge deal for us.

2020 has been challenging for us physically and mentally, but HBTU overcomes those odds and intends to carry out the legacy and high ordeals set by our seniors.

The 4 years of this college have left memories and lasting friendships that are unfathomable.The best days and the undecided last minute plans, and everything that made these years valuable will be missed, the batch of 2020 will be missed.

We would like to dedicate this issue of the newsletter to our beloved batch of 2020.

NSO report shows stark digital divide affects education

Schools across the country have now been closed for six months due to COVID-19, but this means vastly different things for different people. In urban Himachal Pradesh Internet penetration is higher than 70% while in rural Odisha, where less than 6% of households have Internet facilities for the children. In a recent report of National Statistical Organization (NSO) survey on household social consumption related to education was part of the NSO's 75th round, conducted from July 2017 to June 2018. The final report was released recently.Across India of these Internet-enabled homes are located in cities, where 42% have Internet access. In rural India, however, only 15% are connected to the internet. The national capital has the highest Internet access, with 55% of homes having such facilities. Himachal Pradesh and Kerala are the only other States where more than half of all households have Internet while Assam shows the most stark inequality.

Of course, having Internet access is no guarantee that one can use it. The NSO report shows that 20% of Indians above the age of 5 years had basic digital literacy, doubling to just 40% in the critical age

Maratha quota: the agitation, and the politics

The Marathas are a politically dominant community who make up 32% of Maharashtra's population. They have historically been identified as a 'warrior' caste with large landholdings.The Supreme Court on Wednesday referred to a Constitution Bench the question of whether states can exceed the 50% limit on quotas that was set by a nine-judge Bench in the landmark Indra Sawhney vs Union of India (1992) case. The question will now be taken up by a Bench comprising at least 11 judges.

Case in Supreme Court:-

A Bench of Justices L Nageswara Rao, Hemant Gupta, and S Ravindra Bhat heard a batch of petitions challenging reservations for Marathas in education and jobs in Maharashtra. The petitions appealed a 2019 Bombay High Court decision that upheld the constitutional validity of the Maratha quota under the Socially and Educationally Backward Classes (SEBC) Act, 2018.

The Bench also heard a petition challenging admission to postgraduate medical and dental courses under the quota in the state.

Bombay HC ruling:-

A Division Bench of the High Court ruled last year that the 16% quota granted by the state was not "justifiable", and reduced it to 12% in education and 13% in government jobs, as recommended by the Maharashtra State Backward Class Commission (MSBCC). The Bench ruled that "the limit of reservation should not exceed 50%"; however, "in exceptional circumstances and extraordinary situations, this limit can be crossed subject to availability of quantifiable and contemporaneous data reflecting backwardness, inadequacy of representation and without affecting the efficiency in administration". The court relied heavily on the findings of the 11-member MSBCC, which submitted in November 2018 that the Maratha community is socially, economically and educationally backward.

Donald Trump for Noble Peace Prize

A look at the US Presidents who have won the Nobel Peace Prize This year's Nobel Peace Prize is scheduled to be announced October 9. Should Donald Trump win next year, he would become the fifth US President in history to be given the prestigious award.Christian Tybring-Gjedde, a member of Norway's Progress Party, cited Trump's role in the recent landmark agreement between Israel and the UAE, and said, "For his merit, I think (Trump) has done more trying to create peace between nations than most other peace prize nominees." This is the second time that Tybring-Gjedde has sought the award for Trump. In 2018, Trump, on his part, has repeatedly expressed his desire for being bestowed with the Peace honour. Referring to Ali, Trump had said, "I made a deal. I saved a country, and I just heard that the head of that country is now getting the Nobel Peace Prize for saving the country."

Centre plans to tighten law against manual scavenging

The Centre is considering making the law against manual scavenging more stringent and forcing someone to manually clean a sewer could soon attract up to seven-year imprisonment and also a fine, people aware of the matter said.Development is not only measured by having big malls, metros and other luxuries.Human Development must be measured on the basis of upliftment of human consciousness.It is this evil of caste and gender discrimination that has made people so much sick minded that from centuries they think themselves superior over others just by futile caste label.This tyranny on the basis of caste is so much heinious that it produce "Manual Scavangers".

Manual scavenging is not just a caste-based but also a gender-based occupation. Of the 1.2 million manual scavengers in India, about 95% of them are women. Households with dry latrines prefer women over men to clean the excreta in part because they are paid less. Most women are paid only as little as Rs 20 a month along with a meal everyday for cleaning a dry toilet.

Apart from the social stigma, the work of scavenging is poorly paid and causes life-long health risks and problems which can sometimes turn fatal for those who risk entering manholes without proper protection. Manual scavengers are also prone to skin and respiratory tract infections, tuberculosis, malaria, and dengue among various other illnesses. It is estimated that more than 600 sewer workers die every year.

In 1993, the Government of India enacted the "Employment of Manual Scavengers and Construction of Dry Latrines (Prohibition) Act" which prohibited the employment of manual scavengers for dry latrines and also provided for the construction of dry toilets, that is, toilets that operate without a flush. It provided for imprisonment of up to one year and a fine. This was followed by the "Prohibition of Employment as Manual Scavengers and their Rehabilitation Act, 2013", which acknowledged the urgency of rehabilitating manual scavengers. In 2014, the Supreme Court gave directives to end manual scavenging. "In no country, people are sent to gas chambers to die," remarked the Supreme Court of India in September 2019.

The government has to ensure that this form of modern slavery is eradicated. Movements like Swachh Bharat Abhiyan have consistently attempted to revolutionize the image of sanitation in the country. Life,Clothing and Shelter do not suffice the needs of life. One more factor i.e. Dignity is there.However it is inhuman and illegal to hire humans for such demeaning practise .Unfortunately it is prevalnt in the societ after this much long time of independence.

US Spacecraft Named After Late Indian-American Astronaut Kalpana Chawla

Northrop Grumman, an American global aerospace and defence technology company, announced that its next Cygnus capsule will be named the "S.S. Kalpana Chawla", in memory of the mission specialist who died with her six crewmates aboard th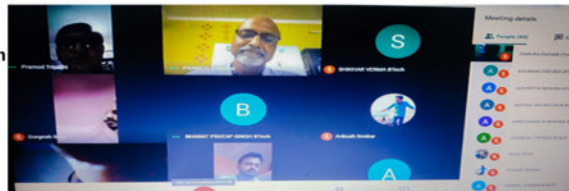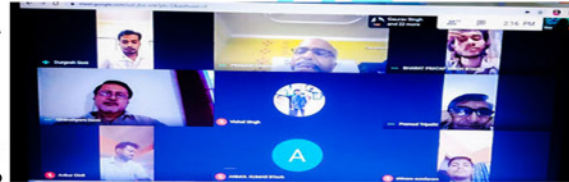e space shuttle Columbia in 2003. An American commercial cargo spacecraft bound for the International Space Station has been named after fallen NASA astronaut Kalpana Chawla, the first India-born woman to enter space, for her key contributions to human spaceflight. "Today we honour Kalpana Chawla, who made history at @NASA as the first female astronaut of Indian descent. Her contributions to human spaceflight have had a lasting impact," the company tweeted on Wednesday."Northrop Grumman is proud to name the NG-14 Cygnus spacecraft after former astronaut Kalpana Chawla. It is the company's tradition to name each Cygnus after an individual who has played a pivotal role in human spaceflight," the company said on its website."Her final research conducted onboard Columbia helped us understand astronaut health and safety during spaceflight. Northrop Grumman is proud to celebrate the life of Kalpana Chawla and her dream of flying through the air and in space," it said.

The SS Kalpana Chawla capsule is scheduled to launch on the NG-14 mission atop a Northrop Grumman Antares rocket from the Mid-Atlantic Regional Spaceport (MARS) at NASA's Wallops Flight Facility in Virginia on September 29. The spacecraft will arrive at and be attached to the space station two days later. For the mission, the Cygnus spacecraft will deliver approximately 3,629 kg of cargo to the space station.

IN & AROUND HBTU

Virtual Teacher's Day Celebration

Teacher's day was celebrated online this year by the Electrical Engineering department of HBTU in the wake of the pandemic. A virtual programme was organised by the final year students wherein most of the faculty and students of the department came together via Google Meet. Mr. CN Singh Sir wished the students for their future and urged them to channel their efforts in the direction that brings them close to their dreams. Dr. Sanjiv Kumar said that it was the first time in the history of EED, HBTU that the final year students gathered up together to organise a programme for this day, he further added that this was a long-awaited moment for him and that it had left him deeply moved. He asked the students to keep their studies undeterred by any barriers that might have sprung up in these difficult times. Mr. Jameel Ahamad Sir blessed the students and asked them to stay safe and vigilant during this massive outbreak. told them to freely approach him regarding any problems they might be facing in the subjects. Dr Archana Singh motivated the students to stay resolute in their efforts. Mrs. Dinu Niranjan Ma'am and Mr. Udit Kumar Singh sir further appreciated the enthusiasm of the students and guided them as well.

This year due to global pandemic Teachers day was also celebrated in online mode by the OT /PT department. Faculty members expressed their gratitude for the event and wished students for their bright future.

HACKATHON TRIUMPH

HBTU students have once again proved their worth and made the university proud .

Team FLASH_UNVEILED lead by Rohit Pratap Singh 3rd B.Tech CSE from HBTU has won the Smart India Hackathon-2020 conducted by the Government of India under Ministry of Human Resources and Development. They won a trophy and a cash prize of ₹100,000.

Team East-Wind lead by Krishnam Dhawan 3rd BTech CSE secured the runner up position in Smart India Hackathon-2020.

Team FLASH_UNVEILED with the leadership of Rohit Pratap Singh with members Utkarsh Verma(3rd ET), Akshay Rathi (3rd CSE), Shashwat Agarwal (3rd CSE),Aakriti Sahrawat (3rd CSE) and Shivangi Dubey (3rd CSE),these students worked on a tool to recover more than 96% data from formatted NAND flash drive which is an innovative software which uses Python to retrieve data even after drive is formatted. It is performed using data carving technique by detecting file signatures. It is able to retrieve data from about 518 file types, independent of file system, irrespective of any corrupt memory block. A GUI has also been developed for the software which makes it even more user-friendly.

Second team East-Wind lead by Krishnam Dhawan with members Milind Kaushal (3rd IT),Deeksha Lala (3rd CSE),Divyansh Tripathi(3rd IT), Ansh Shanker (3rd CSE) and Utkarsh Tiwari (3rd CSE) there project was under government of Goa named 'cattle care' an android application meant for stray cattle management .In this application user can report a stray cattle around their area by sending a photograph of the situation to the nearest driver ,the driver would be alerted and navigated to the point. The user will also be rewarded for doing this from the government. Beside this the side features of app include animal related news, animal adoption and much more.

S.I.H QUESTIONNAIRE

Q:01_How do we get to know about hackathons? As in there are sites dedicated for CP so are there any such platforms for hackathons as well?
A:01_Yes, there are plenty of platforms available that are dedicated to hackathons. You can check out websites like hackerearth,hackathon.io,devpost, hacker league, etc. SIH is every year organized by the government of India. So you can check its schedule online.

Q:02_I wanted to ask which programming language is needed for SIH and can non-core students also participate in SIH?
A:02_There are no guidelines for the use of any particular language in SIH.It depends on the problem statement. For instance, if the problem is related to web development then you can use any language suitable for you. Yes, non-core students can also participate. Problems on both software and hardware are available, so you can choose any based on your interest.

Q:03_What technologies did they use? When did they start preparing? How did they get the idea?
A:03_Well, it depends on your problem statement entirely. We prepared our prototype in python.Normally, preparation starts when SIH releases the problem statements. You have to select a problem statement of your choice and do the process, making ppt etc. The objective is to come up with the best possible optimal solution.

Q:04_ What should be the maximum size of PPT in sih 2020?
A:04_ For initial screening round, a ppt needs to be submitted on sih online portal of maximum size of 4 pages. Your team is selected in final round only on the basis of this ppt. which should be concise & to-the-point.

Q:05_ What heads must be included in ppt.?
A:05_The ppt must incorporate
 Approach details: organization name, problem statement, team name, team-leader name, college code.
 Prototype: Your idea implementation described in brevity.
 Use Cases: how your prototype works for different type of users. For e.g.: in case of website, how it works distinctly for admin, user, staff etc. & other salient features.
 Dependencies: What input is required as prerequisite for your prototype from side of org./ministry.
 Show Stopper: Any pre-built project available for reference in case prototype is not completed.

Q:06_What is the role of mentor? How to select a good mentor?
A:06_ SIH calls for selecting 2 (atleast 1) mentor for your team if selected in finals. At first go, try searching an industrial expert of concerned field (leverage personal contacts & linkedIn, contact various institutions, authors etc). If not possible, go for any professor of your like.

Let's talk about LOCKDOWN, shall we?

As daily Covid-19 cases spike and the country reopens, one can only fathom as to what is next for the country? With no vaccine in near sight, spiking cases and crumbling economy the future feels more distressed than ever.

On 22nd March the central government announced a 14 hours voluntary lockdown, 2 days later the government announced a 21 days complete lockdown which will further be extended 3 times before the country starts to reopen after a harsh 10 week lockdown. The lockdown was the need of the moment as it was being observed in countries across the world to prevent the spread of Covid-19, but India went a step further as to impose a complete lockdown, restricting people to their homes, imposing harsh travel restrictions, shutting down industries, offices, schools, colleges, markets and bringing the entire country to a complete standstill. The lockdown, though necessary to control the spread of the virus, was completely put in place without planning and would later spark a chain of events which would later resonate with the government and people alike. Migrant labour crisis was at the start of the Lockdown which will further worsen in the months to come, almost 19 million salaried employees lost their jobs (as of july), GDP took a 24% nosedive in the 1st quarter of FY 2020-21 and the harshest lockdown in the world couldn't prevent the robust growth of daily cases.

On 26th March the government announced a $22.6 billion package to assist the poor population hit hard by the Covid-19 pandemic. Further, on 12th May the government announced a $260 billion (20 trillion rupees) coronavirus economic relief package accounting to almost 10% of the country's gross domestic product (GDP) one of the largest of its kind in the world. Multiple relief measures were announced by the center and states alike. The longstanding and complete lockdown meant the complete prohibition on any kind of economic activities, this type of prohibition meant great loss of revenue for the center and states alike. Large revenue drivers for states like the sale of fuel and liquor were completely bought at a standstill due to travel bans and closures. Most economic activity was stopped, as factories were shut down, this created a short supply of food chain as most workers were unavailable and supervisors and business owners faced or were threatened with legal action. The government's early inability to describe essential services also became a sign of problems for food supply and distribution.

As lockdown prompted the closure of school, colleges and offices, most of them moved to work from home model as a preventative step, but poor infrastructure facilities made it difficult for it to carry on, economically challenged families of poor students were unable to afford the various instruments necessary for attendance in online classes like smartphones, laptop and/or internet. Despite India boasting about the rapid growth in the number of Internet users, the overall speed of and quality of internet still remains extremely poor. As more and more students are unable to attend classes online, in the future many may permanently give up education, many girls might become victim of child marriage, as many poor children relied on the mid day meal provided in the schools as their one full meal of the day, this may result in the hunger, starvation and malnourishment in these kids.

Various crises during the lockdown also shed light on the absence of a social security structure in India. The complete lack of any type of unemployment benefit, medicare facilities for the poor, disability benefits, pension for the old and elderly are just a few to be named, but in times like these the lack of their existence resonated more than ever.

Public opinion on lockdown is divided, some say it was successful in preventing the spread while others argue over the immediate and long term disadvantages of it. How the lockdown effects in the long term is yet to be seen until then anything can't be clearly said.

-Aditya Singh
III B.Tech, Food Technology
Editor.PSMSC

Why Eurasia Matters?

The recent China-India clashes mark a whole new level of Chinese Aggression in the South-East Asian Region. Some political scientist and diplomats have pointed out that this prepares the ground for New Delhi to finally overcome its "Strategic Autonomy" doctrine and to forge a true alignment with Washington, a move which has been anticipated for a very long time. This is partly contributed to the recent ties such as Militarisation of QUAD and increasing amount of diplomatic relations between like-minded democratic nations. Countering China, however, requires a much subtler grand strategy that factors in a major ongoing geopolitical development – The Rise of Eurasia.

Russia looms large on India as, much of India's defence hardware is still imported from there, it is an increasing source of India's hydrocarbon imports and two countries have had bilateral investment in projects in nuclear energy that extend to third countries. Central Asia is the centroid of new Eurasia. It has become a cradle which China uses to feed off its plentiful energy reserves and acts as a bank where China provides substantial investments in return. Russia. On its part, maintains military bases there and is the destination for many Central Asian migrants. The Shanghai Cooperation Organisation (SCO) and the Collective Security Treaty Organisation (CSTO) are its key security institutions. Western powers are notable for their near-total strategic absence in Central Asia, except Afghanistan. Washington's Indo-Pacific strategy does not seem to account adequately for the rise of Eurasia. US interests in Asia lie primarily in the western Pacific and the South-China Sea.

It is not an accident that China has escalated its aggression in the region in India, that is closest to Eurasia and furthest removed from the core of the Indo-Pacific. It is also a zone which abuts Pakistan. A nightmare scenario for India could be Pakistan increasingly integrated within the Eurasian geopolitical logic. Pakistan's long standing and rooted links with China and Islamabad's warming ties with Moscow make such an outcome plausible. Eurasia's rise is, however, forcing India to reckon with its north and west. But a hostile Eurasia is arguably more damaging to Indian interests than an unstable Indo-Pacific. Clarifying its approach to Eurasia is India's urgent task.

-Shashwat Gupta
III B.Tech, Electronics Enginneering
Editor,PSMSC

Gave the game away on Nuclear power- A Warning For the World ?

Nuclear wars or doomsday machine were out of discussions in the recent times; until when US president Donald Trump gave the game away about so in one of the 17 recordings of his interviews.

Bob Woodward's new release "Rage" witnesses this "top-secret" revealed by the US president. Expectations from the superpowers are on the one side but the main concern lies in "Is the world ready for it?" Or in other words ; "What does the future holds for us"? This spilled top-secret doesn't end on US President being the only one to splash out such an appalling truth, but ;also on the way other superpowers are going to perceive it. If this was a threat (intentionally or unintentionally), then ;millennials are going witness the biggest "Rage Revelations" that would have some unexpected consequences. Seems as if recession had met it's setback now; no economic crisis have hit the world ; Environmentalists have come up with methods to cope with deteriorating climatic conditions and all what remains in the box is "Friendly Nuclear war". Meanwhile ,mockery of subject of the "World peace" lies in the nomination of US president for Nobel Peace prize after Serbia-Kosovo deal. Looks as if it the only time when peace flourished around was ;when the Little Boy visited Hiroshima . Next would be the time when US president actually gives the world a celebrating revelation of the "no one else knows- about" weapon maybe.

"The release of atomic energy has not created a new problem . It has merely made more urgent the necessity of solving an existing one" – but on contrary, all what the leaders around the world have ended up doing is chaining up the problems and thereby summing them to assault whenever needed ; making the world to see "Doomsday" . This is not the need of the time; not what millennials would have actually heard of (until came across the statistics of1945) and never wish to see in times to come.

A warning for the World? Maybe or maybe not. But these revelations make the silliest of the minds to think "Is World peace the ultimate goal of the leaders in actual ?" Or "Will the Little boy would never visit again?" What if only these revelations; one-by-one by all superpowers; lead them to come across the War-War thing? Questions are piled up ; just like the problems since the times when atomic energy came into existence(earlier said) .Answers are nowhere to be found but to wait for the consequences to actually pop out ; be it in favour of World peace or the leads to the events that desire to do away with it.

-Vaishnavi Tripathi
II B.Tech, Chemical Enginneering
Editor,PSMSC

Mr.Pranjal Agarwal
Information Technology

It was not just a part of life, but life as a whole in itself. I cherish every moment of it. To friendships, festivals, madness, experiences, learnings and beyond.

Mr.Aman Katara
Paint Technology

One of the best phase of my where I added values to my life while connecting with my batchmates, seniors and juniors, seniors and juniors. I shared stages with them in and outside the campus.

These moments of birthday celebrations, organising and participating in annual college fest will always be missed.

Ms.Shruti Sahu
Oil Technilogy

It was a beautiful journey where I got a new opportunity at every turn and got to learn so many things. The faculty and students were very cooperative throughout. Every journey has some negative aspects, but, if we take the positive aspect into consideration, I explored myself in so many ways. HBTI was indeed a platform which which paved the way for a hoard of discoveries and new learnings. I got a chance to enhance my existing capabilities as well. Seeing new talents in my juniors and other students gave way to more self-exploration. Apart from academics, I did not feel the pressure of studies here and our faculty was very supportive to make it all possible

Mr.Ayush Singh
Electronics Engineering

I believe if you can survive this place, you can trump anything.The best part about parting with this institution is that I have no qualms, no complains. It's been four good years of learning and in my future four good years of learning and in my future endeavours,I will always be proud of being recognised as a "Harcourtian" because this legacy is invaluable.

Mr.Harshit Tripathi
Computer Science&Engineering

I owe a lot of what I am to HBTI, it really challenged me in the right ways to help me get out of my bubble. It made me believe in the theory "everything happens for the right reason". I lived a miniature "everything happens for the right reason". I lived a miniature version of whole life there, when I look back at it, feels like I spent a good time.

Mr.Mayank Mishra
Electrical Engineering

I have always said that HBTI is mini India. We may despise a lot here about everything and yet when it comes to feel proud of being a Harcourtian, we can never resist. At farewell, it's been a cliché to say "It feels like yesterday I came here", but for me, it's a long memory, coz I have done so much that the thread is long. And I am satisfied with myself for it. HBTI and Kanpur have furnished a man out of a raw material, prepared for any circumstances to come.

Mr.Anshuldeep Ruhela
Chemical Engineering

When my elders would tell me college life is gonna be the most amazing period of your life, I couldn't believe them. But after 4 years that I spent here, I learned two things. The first is that college life is indeed very beautiful and full of excitement. I am also reminded of an alumindeed very beautiful and full of excitement. I am also reminded of an alumnus speaking in Alumni Meet of 2018 that college life is like a paid holiday and perhaps I will understand this in the time to come.

College life is bound to be full of sad and happy moments. You can love HBTU, you can hate HBTU, but you can not forget HBTU.

Mr.Tanul Krishnansh Singh
Mechanical Engineering

The Batch of 2020 will always feel incomplete of the tears, hugs, pegs, incomplete plans and farewell that have been stolen from them. So much for goodbyes but this is the least I could do.

Thank you HBTI, It was beautiful four years, dull and bright at the same time. I found love here, also lost one, worked hard to survive in mechanical engineering world, made a mark outside my core domain, became the cultural secretary, founded E-Cell and on top of everything was lucky enough to have found some beautiful, selfless friends without whom I could have been nothing.Found love from juniors who supported me everytime Thank you all who stayed by my side and always helped me to stay strong. With heavy heart and tears in my eyes, officially signing off.

Mr.Deepak Awasthi
Leather Technology

Four years in hbti may seem like a long time but for me it isn't. I still remember the day when I first attended my first class, first intro to the seniors, first recital of muski and many other unforgettable morecital of muski and many other unforgettable moments. The stranger from whom I copied the notes became my best buddy. The ground where me and my friends shed most sweat became the most memorable place. It's not the place that I'll miss it's the people ...those hangout...nightouts....and despite the bitter end of my college life it gave me some precious memories .

Mr.Vaibhav Malik
Food Technology

Journey of four years in few words is hard to describe. We all knew that the day will come when we have to say goodbye to all things that we shared with this college but we didn't care about anything, we were just busy making memories that we will cherish forever. The last four years has been a roller coaster ride with feelings that can't be explained in words. Starting with freshers to college festivals, kavya sandhya, HBTI's culture in itself has unique flavour. There were times when I didn't realize that I was away from home because there is also a family in HBTI that cherished my presence. There were also moments when our character was tested in various arenas.I think that this abrupt ending will not distance ourselves from the souls of every individual that has its heart attached to this beautiful college.

Thank you HBTI for this amazing 4 years.

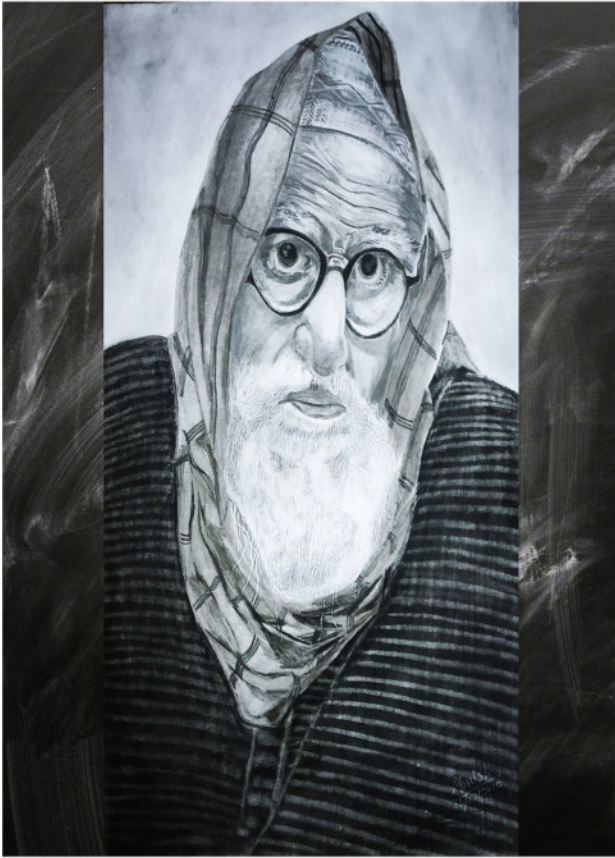## Mr.Karan Singh Khati
Information Technology

"Life can be this way sometimes. Unpredictable. Seemingly unfair. You spend 4 years at a place and you are lost in your own little world you have built there that has everything you will ever want. Then there that has everything you will ever want. Then suddenly, you realise that someday you will leave it for good. You start anticipating the final semester, knowing you will get to say the farewells and the goodbyes. And then everything vanishes. Just like that. I have said my goodbyes. Not personally like I wanted. No... like I needed. But yeah, I have said my goodbyes. And this is one too. I wish everyone who touched my life at Harcourt Butler Technical University the very best for their future. Farewell. Until we meet again.

Mr.Mayur Mishra (Kakashi)
Civil Enginering

"It is after you reach the end, you realise journey was all that mattered".

Rathi, Naman, Arun, Rakshit, Vikas were neighbours. Ayush, Mayank, Ayush, Abhijeet were FIFA partners. Sorab and Divyanshu were branch mates. Kanhaiya and Pranjal were the leaders we chose and campaigned for. The four years have ended. Now, these names are the most important thing I am taking with me. Make sure you also have names like these when you start writing this at the end.

Mr.Aviral Verma
Biochemical Engineering

"We came, we saw, we lived, we laughed, we wailed, we hailed, we loved, we hated, we celebrated, we waited.
We came, we never left"

-Monish Chaurasiya
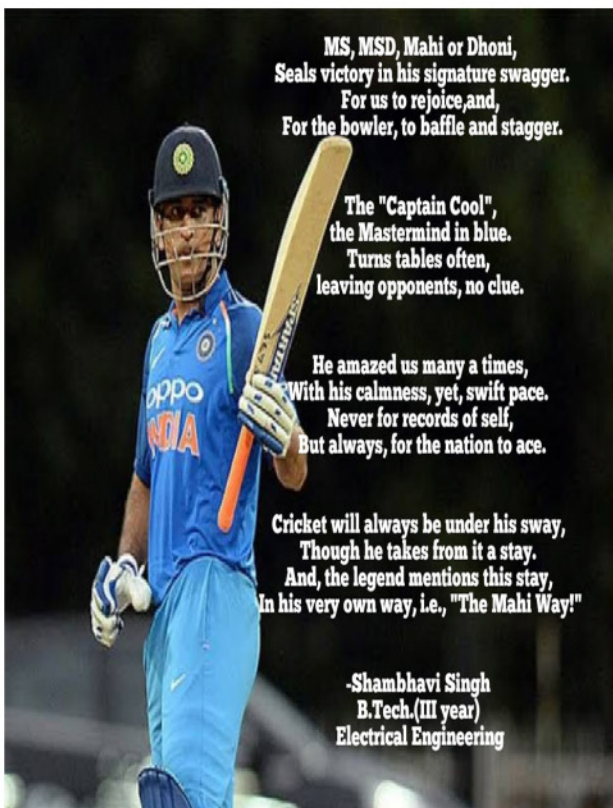II B.Tech, Chemical Engineering

A DAY

Calling my shoes, catching my
breath I wanted it fast
Now I'm stuck in a storm and
everyone calls for a race
Not afraid to make it last but
I'm still stuck in the warm
Wondering even everything is
real, my slothfull foot marked
by seal
Closed my eyes, my ambitious
sun marked for a ride
A rainbow in the dark picture
always drained from pleasure
The brightness showers upon
his head but he thinks it's al-
ready dead
The sun is done riding so does
the boy standing
Again the iron darkness heats
up to vapourate the moving
ones

-Dhruv Singh
II B.Tech, Mechanical Engineering

MS, MSD, Mahi or Dhoni,
Seals victory in his signature swagger.
For us to rejoice,and,
For the bowler, to baffle and stagger.

The "Captain Cool",
the Mastermind in blue.
Turns tables often,
leaving opponents, no clue.

He amazed us many a times,
With his calmness, yet, swift pace.
Never for records of self,
But always, for the nation to ace.

Cricket will always be under his sway,
Though he takes from it a stay.
And, the legend mentions this stay,
In his very own way, i.e., "The Mahi Way!"

-Shambhavi Singh
B.Tech.(III year)
Electrical Engineering

-Samiksha Singh
II B.Tech, BioChemical Engineering