

# MALVIKA

Annual University Magazine

53rd Edition



# 2020



UP-53

BAJA SAEINDIA

Wheels of Glory

The Coding Revolution

Colloquy-Shri Anna Hazare



**This edition of Malvika elucidates multifarious accomplishments of lofty-spirited Malaviyans, who continually strive for excellence. The institution has been bequeathing its legacy to the successors for a long time now, passing on the erudition, warm-bloodedness, and assiduousness. The culture that prevails here, provides the fit-for-purpose atmosphere, in which a student can develop wholesomely just like the seeds that germinate only under favourable conditions. Carrying forward the legacy of 52 years, this edition of Malvika is here to enlighten you again. The magazine encloses an aggregation of exemplary artworks, poetry, and proses by the students and the faculty members of the University. The pristine talents, sometimes, remain veiled due to certain temporal factors, be it lack of proper guidance, appreciation, courage, or exposure. The various events held in the University provide the students with a foray into the world of opportunities. Malvika expounds the tales of achievements and talents of ingenious minds and glorifies the extraordinary accomplishments of the students, teaching the lesson of never giving up simultaneously.**





# 53<sup>rd</sup> EDITION

The purpose of this magazine is to provide an insight into the happenings of the University that took place throughout the year. It intends to acknowledge all the fledgling litterateurs, artists, verse-makers, and mutineers. Their contributions are applauded in order to galvanize all the trailblazing but trepid minds out there, into action.

Malvika is a trove of archival events that will keep on serving as a reference for the coming peer group who would view it as a quondam copy. The ineffaceable memories ingrained in the heart of every Malaviyan, have been delineated in a befitting manner. We hope that this lucent compilation will, to all intents and purposes, prove to be a competent reflection of the University by and large.





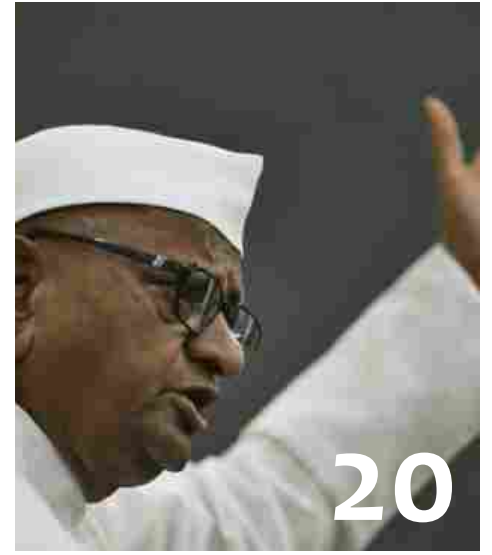
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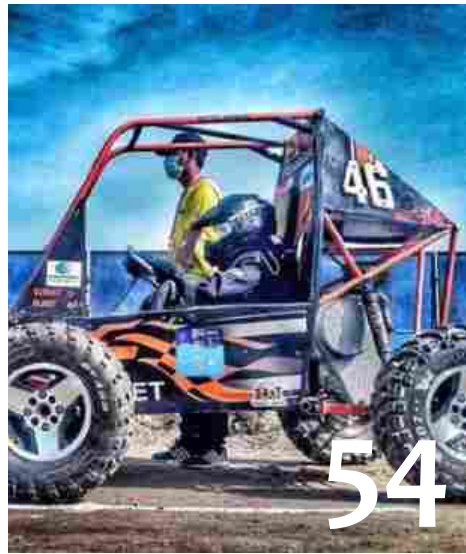
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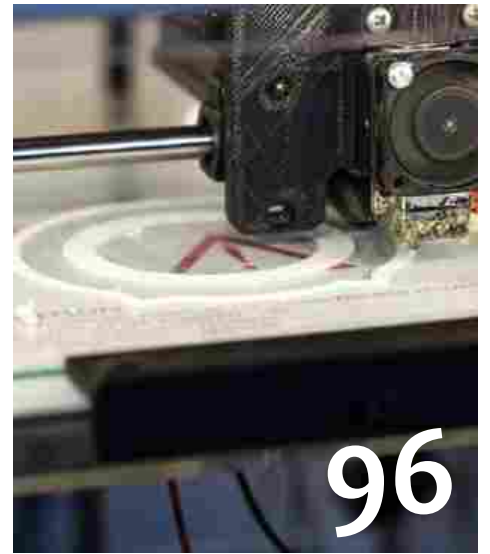
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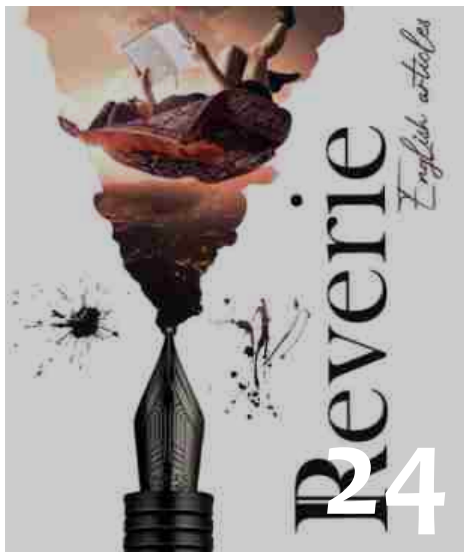
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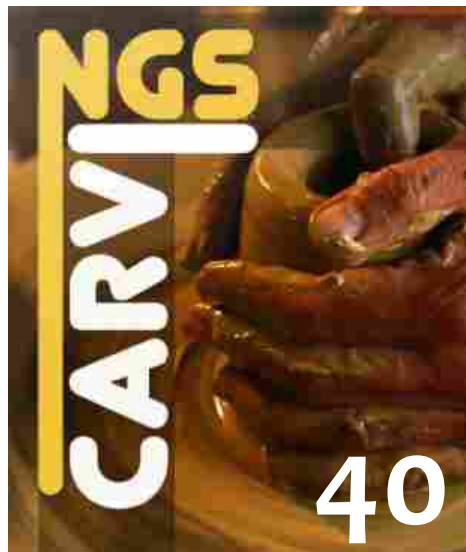
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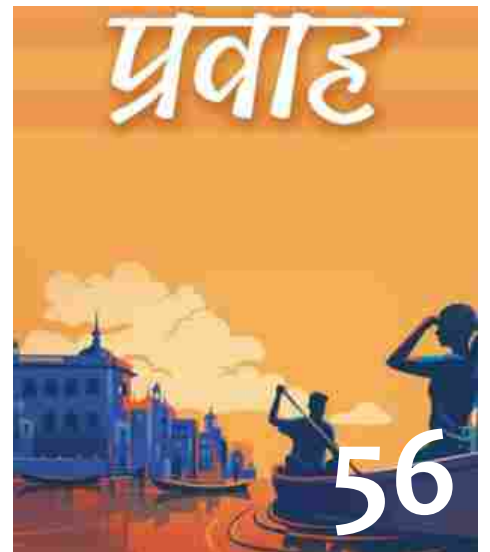
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# LETTER *from* VICE-CHANCELLOR

Our vision is to make MMMUT a world-class educational center of knowledge generation and acquisition.

I am happy to learn that the Technical Sub Council of the Council of Student Activities (CSA), Madan Mohan Malaviya University of Technology (MMMUT), Gorakhpur is publishing the 53rd edition of the annual University magazine, Malvika. Built on the glorious legacy of erstwhile Madan Mohan Malaviya Engineering College, MMMUT has grown to become a research-led University known for excellence in quality education, research, and service to the community. The University has currently seven UG programmes in Engineering, one UG programme in Business Administration, PG programmes - MBA, MCA, MSc (Physics, Chemistry & Mathematics), MTech programmes in 12 specializations, and full/part-time PhD programmes in a number of disciplines. In wake of the Covid-19 pandemic, MMMUT successfully switched to online mode, and all academic activities including teaching, seminars, lectures, interactions, etc., are now being conducted online. The University was ranked 183rd in NIRF and we have resolved to secure a place among the top 100 institutions of India in the coming years. The University has been granted UGC 12B status which has opened new avenues for MMMUT. To ensure the quality and relevance



of its programmes, the University has also initiated the process of NAAC accreditation. The University is also working towards streamlining its academic programmes in accordance with the provisions of National Educational Policy-2020. The University is constantly working towards the development of the e-governance system to ensure lower response time and high efficiency. To fulfil its mandate to serve society, the University has adopted five villages of Gorakhpur district under the 'Unnat Bharat Abhiyan' and working towards the development of these villages into model villages. Our vision is to make MMMUT a world-class educational center of knowledge generation, acquisition, and dissemination, and

to educate and train people to work in fields where they will be valued both for their specialized knowledge and for their ability to research, communicate and solve problems for the benefit and welfare of the society.

The University is committed to providing ample opportunities to students for their holistic development and to nurture their creativity. The students' magazine is the perfect avenue to showcase the hidden literary talents and creativity of the students. It is a document of the collective wisdom of the students. I am sure, Malvika would be an apt milestone on our path towards our mission of knowledge and service. I extend my words of appreciation to **The Editorial Board** and the students who have worked hard for this creative venture. We must strive towards perfection.

My best wishes are with each one of you to keep learning, keep growing and keep venturing beyond what you already know and make a difference to this world as students of Madan Mohan Malaviya University of Technology.

Jai Hind!

**Prof. J. P. Pandey**  
**Vice-Chancellor**



# LETTER *from* CHIEF EDITOR

The greatest glory in living lies not in never falling,  
but in rising every time we fall.

At the outset, I would love to extend my best wishes of sound health to my loving **The Editorial Board** members, all students, faculty members, and esteemed readers of Malvika. In the nCOVID-19 pandemic-ridden scenario, the whole of humanity knelt down today before the attack of an atom-sized virus jumping out from the virological laboratory of Wuhan in China. This human-made crisis magnified and crippled the whole of humanity by absolutely paralysing the natural life-flow of mankind and it also posed multiple questions to be answered to their future progeny. What kind of planet is to be handed over to our progeny? Why conduct or even promote such harmful research? What kind of value addition will be ensured by conducting such research? Will they offer any remedy to the problems of humanity? What price will others have to pay in case of such mishaps? Why risk the lives of others who are in no way accountable for such irresponsible attitudes and misdeeds of volatile researchers? In such an environment of insecurity, the focus needs to be shifted from 'price' to the 'values' and for the same, we need to listen to the call of 'Return to Nature' and focus on 'Back to the Basics'. It is in the similar terrain people like Mahamana Pt. Madan Mohan Malaviya Ji and his towering persona has been an immense source of inspiration and a tremendous force that may ignite the vibrant young minds of contemporary Indians, preceding generations, and even for the future progeny of the nation. Apart from various services offered to the nation, Malaviya Ji also contributed as the dedicated 'professional of the pen'



covering the critical days of the freedom struggle of India as a writer, editor, and patron. We, **The Editorial Board**, as Malaviyans are very proud of inheriting Mahamana's legacy of academic opulence and editorial jurisprudence. May it be revered! Be it Pt. Malaviya's editorial career of Hindi daily Hindosthan (1887), Indian Opinion (1889) and his Hindi weekly under his editorship, Abhyudaya (1907—1909); or the initiation of the editorship of the English daily Leader (1909—1911) and patronizing the same as President thereafter (1911—1919), even the start-up of the Hindi paper Maryada (1910) or his journalistic services as Chairman of Hindustan Times (1924—1946), he will always remain a pivotal source of inspiration for all editors and career aspirants in print media. Since its early days, **The Editorial Board** has outstandingly articulated the

indispensable voice of the Malaviyans. Marvelous has been the journey of this society; either by compiling, editing, and publishing Shilpodaya in the past or by coming up with the regular issues of Tiresia. The catalogued pages of Malvika, as the new 'Avatara' of Shilpodaya, encompass the year-long activities by showcasing the holistic on-campus techno-cultural and socio-academic credentials on their seamless fabric. In this long journey of **The Editorial Board**, spanning beyond half a century, the immense guidance of Prof. (Dr.) Arjun Dubey has been invaluable and pivotal like the guiding Pole Star. Since its inception, Prof. Dubey led Malvika on the path which has not only been linguistically correct but also remained aesthetically ideal.

We, **The Editorial Board**, hereby present the 53rd edition of Malvika 2020, enveloping in its breast, cherished moments of Madan Mohan Malaviya University of Technology and its yearlong essence blooming under its tender folds. I am highly grateful and extremely obliged to our Honourable Vice-Chancellor, Prof. (Dr.) J. P. Pandey for his consistent support and great guidance, lest the ultimate realization of this volume might not have been possible. I am also thankful to all members of **The Editorial Board** who rigorously engineered Malvika by their editorial skills and the same is visible before readers in its present shape.

Aspiring to witness the ever-widening readership horizon of Malvika...!

**Dr. Sudhir Narayan Singh**  
Editor-in-Chief

# TO THE

Malaviyans, with certitude about the prestige of our prolific institution, rely primarily on the power of erudition and perseverance. It is known that meticulous minds battle with the scruples of their selves and work relentlessly towards improvement. This year has been so vicissitous that it rendered most of us befuddled with its vacillating nature, comprising numerous spasmodic events.

The magazine encompasses every important detail pertaining to the happenings in the past one year in our premises and also encloses some extant literary works by the students. It takes you through the beautiful journey of your college life. While scrolling through the pages, you would inevitably lose yourself many times only to find your soul.

If you are amongst the fortuitous few, who would bid goodbye to the University in a few months and would set forth on the post-college ventures, then hark. You would be able to feel the reverberations of the corridors calling you to come back, tiptoe on them and resurrect them, the gardens inviting you to bask on the mellow grass, and the desks and benches yearning to be scribbled by reckless youngsters. All these thingamajigs would bid you farewell felicitously.

Malvika, in all its branches, unveils the glistening annual odyssey of the culmination of the University in all the spheres. With every flip of the pages, one would behold multichromatic facets of the University, running the gamut from academics, sports, extracurricular activities, cultural and literary events to awe striking results in competitive entrance exams and unprecedented placement records.

With a plea to all the lotus-eaters to morph into highfliers and begin the unstoppable peregrination in the world of wisdom, let's set off to ameliorate the pervasive ignorance, and what's a better way to begin than to grab a Malvika and enjoy a jovial time.

**– The Editorial Board**

# BE A N D E R



# लोकाः समस्ताः सुखिनो भवन्तु

संपूर्ण विश्व समय की जिस पगडंडी पर चल रहा है, उससे यह स्पष्ट है कि प्रकृति का संतुलन बिगड़ जाने से मानव सभ्यता का विनाश हो सकता है। मानव सभ्यता ने पूर्व में भी कई प्राकृतिक आपदाएँ देखी हैं और आज भी कोरोना महामारी के प्रकोप के आगे नतमस्तक है। आँखों से आधुनिकीकरण का चश्मा उतार के देखेंगे तो पता चलेगा कि आज का समाज वैचारिक मतभेद, राजनीतिक अस्थिरता, आर्थिक तनाव, महामारी आदि समस्याओं से ग्रसित है। इसी प्रकार की अनेक समस्याओं ने आज सम्पूर्ण विश्व को दुःख के बादलों से घेर लिया है। जिस भूलोक पर समस्त प्राणी खुशी के गीत गाते थे, आज वे सुख के रसपान से भी वंचित हैं।

आज के समय में सुखी जीवन का तात्पर्य, मानसिक शांति एवं कुशल शारीरिक स्वास्थ्य से है। संसार में जितनी भी भौतिकवादी वस्तुएँ हैं, वे सिर्फ शारीरिक सुख दे सकती हैं परंतु जरूरी नहीं कि मानसिक सुख भी दें। सच तो ये है कि सांसारिक बंधनों ने हमें मोह रूपी धागों से बाँध दिया है। आज सम्पूर्ण विश्व प्रगति के गौरवमयी शिखर पर है परंतु सामाजिक मूल्यों के पतन का भुक्तभोगी भी है। हमारी मानवीय भावनाओं के पतन का शिकार आज हमारे ही समाज की बेटियाँ और महिलाएँ हो रही हैं। मानसिक अस्थिरता के चलते आज कितने ही घर पारिवारिक हिंसा के शिकार हुए हैं। हमने अपनी धरती को इस कदर कष्ट पहुँचाया कि आज पूरा विश्व महामारी के दंश को झेल रहा है। मूलतः हमारे धार्मिक भाईचारे और सांस्कृतिक धरोहरों को छिन्न-भिन्न करने की कोशिश की जाती है, जिससे धार्मिक हिंसा को बढ़ावा मिलता है और फिर मानव ही मानव को छति पहुँचाता है। क्या हमने ऐसे ही किसी समाज की कामना की थी? बिल्कुल नहीं। हम तो ऐसी सभ्यता को मानते हैं जहाँ राम-राज्य की स्थापना की बात की जाती है। सम्पूर्ण विश्व के समस्त प्राणियों में जीवन का संचार मात्र सुख की अनुभूति से होता है। यह सत्य है कि आज भी मानव समाज का एक बड़ा हिस्सा भुखमरी जैसे कष्टकारी देश को झेल रहा है परंतु एक वर्ग ऐसा भी है जो पीड़ित लोगों की मदद के लिए आगे आ रहा है। यही परस्पर सहयोग की भावना है जो इस भूलोक पर जीवन के चक्र को गतिशील बनाये हुए है।

एक आदर्श समाज का सूत्र बौद्धिक क्षमता के साथ-साथ भावनात्मक सोच पर भी निर्भर करता है। रहस्यमयी अंतरिक्ष से लेकर समुद्र की गहराईयों तक पहुँचकर हमने कई बार अपनी बौद्धिक क्षमता के कौशल का परिचय दिया है। आज इस महामारी के दौर में वैक्सीन के सफल परीक्षण ने फिर मानव समाज में आशा की एक किरण जगा दी है। जिन सड़कों पर हमेशा चहल-पहल रहती थी उन्हें भी लॉकडाउन में सुनसान देखा गया है। हम सभी अपने घरों में कैद थे और हम में से ही कई लोग इस महामारी के प्रकोप का शिकार हो गए। इस कठिन समय में डॉक्टरों ने स्वयं के जीवन की परवाह किये बिना मानव समाज की सेवा की। यह निःस्वार्थ व्यवहार ही वह पूंजी है जिससे हम सभी को परम सुख की अनुभूति होती है। यही परोपकारी भाव ही समाज में सुरक्षा और सहजता की जड़ों को मजबूत बनाता है।

समरसता के भाव का बीज अगर हम सभी बोयें तो एक ऐसे आदर्श समाज की फसल उपजेगी जिससे संपूर्ण विश्व का भरण-पोषण हो जायेगा। आगामी भविष्य में हमें इस तरह से आधुनिकीकरण के पथ पर बढ़ना है जिससे हमारा पर्यावरण और वन्यजीव भी सुरक्षित एवं सहज महसूस करें। सभी लोगों को सुखी रहने के लिए कोई अथक प्रयास नहीं करना है अपितु परोपकार एवं सौहार्द की भावना से समाज के सभी वर्गों के साथ रहना है। हम सभी को आज ही संकल्प करना चाहिये कि प्रकृति के संरक्षण के लिए हम सदैव तत्पर रहेंगे। हमारा एकमात्र उद्देश्य हमारे राष्ट्र की प्रगति एवं समाज का कल्याण होना चाहिये। अगर हम ऐसे ही प्रयास करते रहे तो ज़रूर एक दिन ऐसा आएगा जब पूरे विश्व में सुख-समृद्धि होगी और पूरा ब्रह्माण्ड खुशी के गीतों से गुंजायमान होगा। अंत में हम यही कामना करते हैं कि - "लोकाः समस्ताः सुखिनो भवन्तु" अर्थात्, विश्व में सभी लोग सुखी रहें।

# CONVOCATION

# FIFTH

In the presence of Hon'ble Chancellor and H. E. Governor of Uttar Pradesh, Smt. Anandiben Mafatbhai Patel, Hon'ble Vice-Chancellor, Prof. J. P. Pandey, the 'Waterman of India' Sri Rajendra Singh and Technical Education Minister of State Sri Sandeep Kumar Singh, the Madan Mohan Malaviya University of Technology conducted its fifth convocation ceremony on February 9, 2021. The multipurpose hall witnessed yet another cohort of 1191 students being presented with their degrees. The array of events unfolded as soon as the Hon'ble Chancellor arrived. She was given a guard of honour by NCC Cadets under the leadership of Lt. Kishan Bhushan Sahay. As the majestic and grand procession of dignitaries entered the hall, the walls of the hall reverberated with the recitation of Gayatri Mantra. After the lighting of the lamp before the portrait of Pt. Madan Mohan Malaviya Ji, the University 'Kulgeet' was sung by the students. With the permission of the Hon'ble Chancellor, the convocation ceremony was officially started. Hon'ble Vice-Chancellor welcomed all the esteemed dignitaries and presented the annual progress report of the University. The chief guests of the ceremony graced the occasion with their kind words, taking forth the ceremony.

Hon'ble Chancellor Smt. Anandiben Patel congratulated the students of the University upon receiving degrees and medals. Referring to Gorakhpur as the land of Lord Buddha, Baba Gorakhnath, Sant Kabir, and Mahamana Madan Mohan Malaviya, she wished a bright

future to everyone. Citing the target gross enrolment ratio in higher education of 50% (as prescribed in the National Education Policy-2020), she reminded the stakeholders of their duty to help children continue their education after enrolment. She even recalled the time when she became the education minister of Gujarat in 1998 and built awareness under the Pravesh Utsav Scheme that resulted in a drastic improvement in the female literacy rate.

Chief guest and noted environmentalist Dr. Rajendra Singh said that the convocation and the future after it will take the students towards a bright path of innovation. He appealed to the students to develop their innovative ventures in line with sustainable development to function properly. He also remarked that those studying in a University named after Pt. Madan Mohan Malaviya should draw vital learnings from the magnanimous personality in order to become global teachers. He also called upon the authorities to include courses on environmental conservation in the curriculum for students to inculcate such qualities in them. With the message of perseverance, he finally wished the budding engineers a bright future ahead.

The Technical Education Minister of State Sandeep Kumar Singh said that higher education was not only meant for securing jobs but to work for the greater good of the society by contributing in whatever way possible. With technology being an important aspect of the functioning of today's



world, he extended the responsibility of helping India emerge as a world leader to the graduates in technology. Wishing good luck and prosperity to the graduates, he assured that the University will reach greater heights and earn a place amongst the best under the guidance of Hon'ble Chief Minister of U. P. and the Vice-Chancellor of MMMUT.

With the signature of the Hon'ble Chancellor on the degree register, the process of granting medals was initiated. For the first time, degrees in Chemical Engineering and MSc in Physics were awarded to the qualified students of the respective disciplines. A total of 36 gold medals including 2 Chancellor gold medals, 16 Vice-Chancellor gold medals, and 18 sponsored gold medals were awarded to 16 students with an outstanding performance. Pragati Saxena of the BTech Civil Engineering batch bagged a maximum of six gold medals followed by Anoop Pandey of the same batch who bagged five gold medals. The centre of attraction of the ceremony were a few primary and secondary school students who were invited as a step to help them dream big, and develop enthusiasm towards the grandeur that their academic life may offer.

Afterwards, the dignitaries were presented with the mementos and a vote of thanks was given by the Registrar Prof. Jeeoot Singh. The conduction of the ceremony was executed by Prof. B. K. Pandey and Dr. Swati Gangwar. The fifth convocation ceremony came to a successful conclusion with the majestic melodies of the Indian National Anthem and a group photograph session of the medalists along with the notable dignitaries present on this auspicious occasion. The students celebrated the last moments of the remarkable end of their college life, which is a significant part of one's life.





# JAVA OF INDIA GORAKHPUR



“  
The divine bliss of Guru Gorakshnath, the lovely silence of Ramgarh Taal, and the eternal aura of Lord Buddha, everything can be felt here. Yes, we are talking about the Java of India, Gorakhpur. In the 53rd edition of Malvika, we present you a glimpse of the city which encompasses every feeling from the sacrifice of Lord Buddha to the rebellion of Chauri Chaura to the joy of Gorakhpur Mahotsava.  
”



The 'Great Conjunction' was recently in news, when Jupiter and Saturn, the two heavyweights of our solar system crossed each other. It is a cyclic event that occurs once every twenty years. Since it was a conjunction of a large scale, it was destined to catch a lot many eyes but sometimes even the smallest of these can lead to interesting patterns. A similar minor coincidence can be witnessed as the edition of this Malvika coincides with the license plate number of the vehicles running on the roads of Gorakhpur.

This city has been everchanging and the University is just another feather in its cap. Recently, some new developments took place in the city which are worth mentioning. Uttar Pradesh's first vulture conservation and breeding centre is to be established in Bhari Baisi Village in the Farenda Range of Gorakhpur. It will be home to the Red-headed vultures, already enlisted as a critically endangered species by the International Union for Conservation of Nature. These scavengers which were widespread all across the Indian subcontinent and southeast Asia can now be marked merely at the foothills of the Himalayas and fewer parts of Cambodia. The establishment will be managed by Gorakhpur Forest Department whereas Bombay Natural History Society and Wildlife Research Institute will provide technical help. The project shall rejuvenate the declining count of the creatures and Gorakhpur can be a hub for restructuring the ecological balance in this regard.

Located aside the ever-crowded Medical Road, Baba Raghav Das Medical College, yet again proved its worth to the city. This quinquagenarian institute is a boon not just for Gorakhpur but for the whole of Eastern Uttar Pradesh or Purvanchal (whichever may ring bells to the ears). Last June, it got clearance for the conduction of phase three trials of the indigenously developed Coronavirus vaccine, Covaxin. The fact that it was India's first domestic candidate to get the go-ahead, serves as icing on the cake.

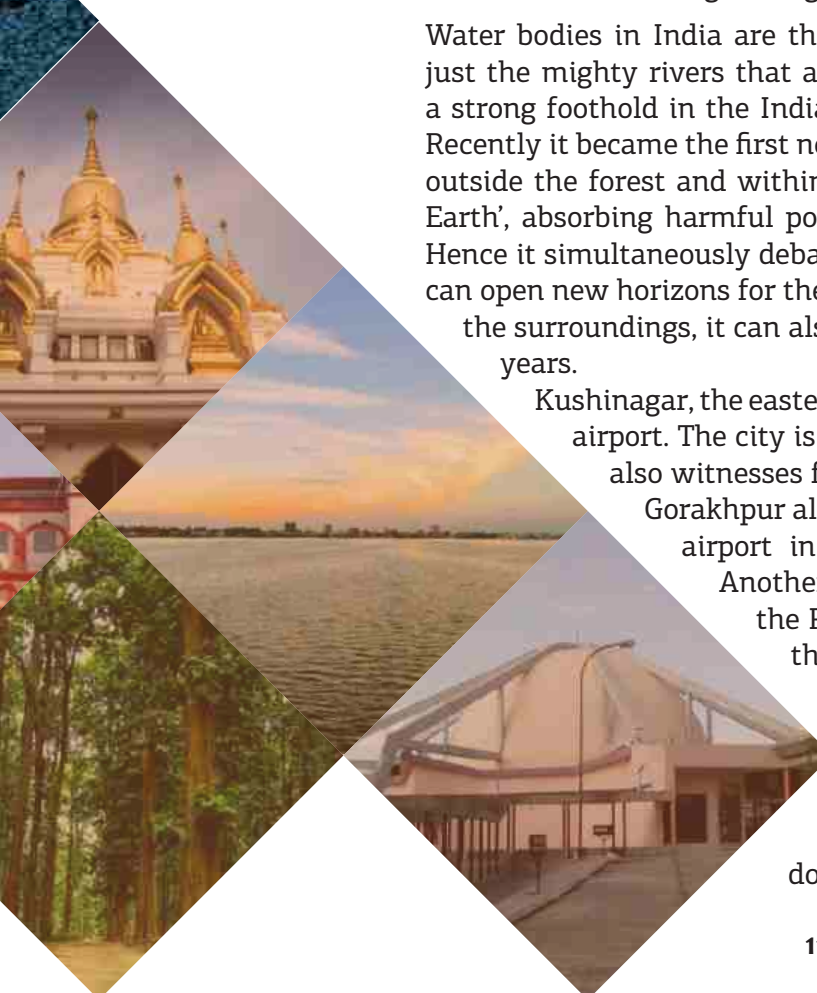
Water bodies in India are the cornerstone of its culture and spirituality. It is not just the mighty rivers that are prayed and cherished here, but the lakes too have a strong foothold in the Indian minds. Ramgarh Taal in Gorakhpur is no different. Recently it became the first notified and protected wetland in the country which lies outside the forest and within city limits. Wetlands are deemed as 'Kidneys of the Earth', absorbing harmful pollutants and serving as huge reservoirs of rainwater. Hence it simultaneously debars the adverse phenomenon of flood and drought. This can open new horizons for the lake. With raised funds and restricted construction in the surroundings, it can also be pitched for the title of Ramsar Site in the coming years.

Kushinagar, the eastern neighbour of Gorakhpur, is set to get an international airport. The city is known widely for various Buddhist Cultural Sites and also witnesses foreign footfall in considerable numbers.

Gorakhpur already has a domestic airport and with an international airport in the vicinity, its connectivity is ought to increase.

Another factor that may lead to increased connectivity is the Purvanchal Expressway. The expressway which passes through nine major districts (including Lucknow, Amethi, Ayodhya, Ghazipur) of the state shall have a passage to Gorakhpur through a ninety-five-kilometres link expressway. The enhanced connectivity will directly reflect in the trade and commerce numbers of the city and can serve to be a game-changer for the domestic markets and production plants in the state.

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# Colloquy

# RAVIE SOLANKY



**Ravie Solanky, the CEO and founder of The Social House, is a Delhi based entrepreneur, filmmaker, graphic designer and photographer. The Social House is a community of performers that also supports emerging artists.**

**Q. What was your biggest inspiration and what were the primary steps involved in starting The Social House?**

I don't think that I had a specific source of inspiration. Basically, it is built over a period of time by our experiences. The Social House was the result of such experiences and inspirations gathered over the last 10 years. There are two things, either you are an artist or a businessman, and I am more of an artist, which led to the creation of The Social House.

**Q. What were the toughest hurdles that you had to overcome in the early stages of The Social House?**

Being a newbie in the field was challenging for us. Seeing our exponential growth, the old players often came to us and tried to suppress us, but we didn't back off and did what we wanted to. Finally, here we are, with the most number of subscribers and all I want to say is thanks for making us number one.

**Q. What was the most 'You've got to be kidding me' moment you've had in this field?**

This was my third startup and it actually worked. People used to call us at 3 a.m. or 4 a.m. in the morning for spots for registration. Some people were like, "I just got your number and I was so excited that I couldn't stop myself from calling." So

much appreciation and excitement from everyone, got me to my 'Are you kidding me?' moment.

**Q. How can a student interested in writing, poetry, or literature pursue a career in these fields?**

I always wanted to be an employer instead of an employee, but since in an Indian household you need to have a job, prove yourself and then seek what you actually desire, I had to do the same. I worked for 4-5 months, learnt how an organisation works, and then went on to begin anew. Once you get successful at what you're doing, your family will definitely support you. You just need to earn that support, by your hard work and consistency.

**Q. What is the most important and basic thing one must know and take care of as a writer/poet?**

Many artists regard themselves as superior to everyone else, and this attitude comes in the path of learning, which shouldn't be the case. Many new artists and youngsters teach us a lot without even knowing, but only if you stay grounded, and have the ability to treat everyone equally, you

can learn and succeed.

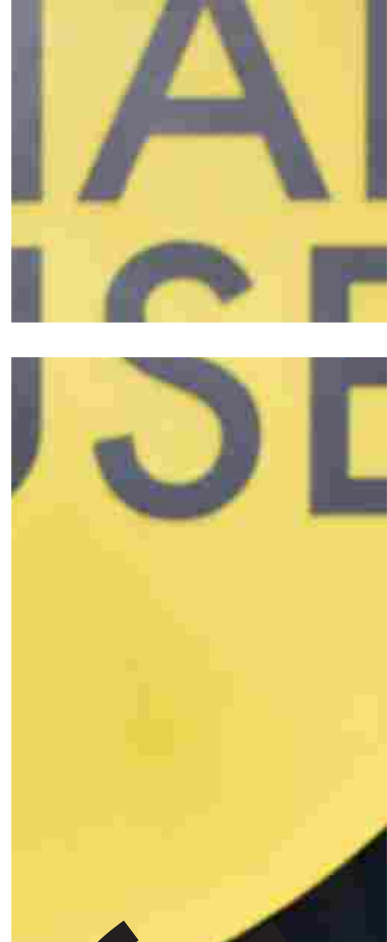
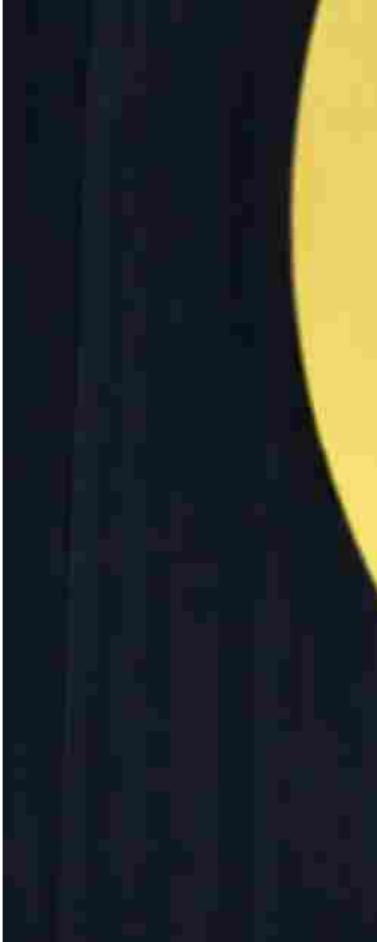
**Q. You have a diverse background: Physics, animation, graphics, photography, filmmaking, and entrepreneur. Were you trying everything or was this career path planned in your mind?**

Nothing was planned, everything just happened and fell into place. I took science stream, under peer pressure, went on to take admission in computer science and engineering, but then went on to pursue animation and graphic designing. Thereafter I went on to become a teacher, a photographer, and a filmmaker. Doing all this, I realised the need of a platform where all kinds of artists, be it a singer, poet, writer, etc. can come together to showcase their talents. This is where the idea of The Social House came into the picture and we have come a long way since.

**Q. How do you suggest one to get over writer's block?**

I believe that writer's block is nothing but a distraction running through your mind. To eliminate this, don't get stuck with your chain of thoughts. Do whatever you like, take a short walk, or talk to your friends to help calm your mind. This would help you get newer ideas for all your unfinished and ongoing works. People should stop digging through the writer's block, it never helps.





“

**There is no specific source of inspiration; it is built over a period of time by our experience.**

# Dialogue

## SANDEEP DWIVEDI



**खुदरंग बनने की काबिलियत भगवान विरलों को ही देता है। इसी प्रतिभा के धनी, एक इंजीनियर से कवि बनने तक की यात्रा कर चुके खुदरंग कवि श्री संदीप द्विवेदी जी से की गई हमारी बातचीत के कुछ अंश -**

**प्रश्न.** आपके अनुसार हिंदी का स्तर बढ़ाने के लिए किस प्रकार का प्रयत्न करना चाहिए?

इसके लिए तो हमें सर्वप्रथम इसके स्रोतों को संभालने का प्रयास करना होगा। हमारे पास हिंदी साहित्य की कई धरोहरें हैं जैसे कामायनी (जयशंकर प्रसाद) रश्मि रथी, उर्वशी (रामधारी सिंह दिनकर), मधुशाला, मधुबाला (हरिवंश राय बच्चन), गुनाहों को देवता (धर्मवीर भारती) भारत-भारती, पंचवटी (मैथिली शरण गुप्त) और भी अनेक रचनाएँ हैं जो संग्रहालयों में पड़ी हैं। इनको हमें पढ़ना होगा, समझना होगा और दिलों में उतरना होगा।

**प्रश्न.** आपने अपनी एक कविता रंगभेद के विषय पर भी लिखी है। आपकी राय में सामाजिक कुरीतियों के खिलाफ लोगों की मानसिकता को प्रभावित करने में लेखकों और कवियों की क्या भूमिका होती है?

जैसा कि आप जानते हैं कि स्वतंत्रता संग्राम की लड़ाई कवियों ने भी अपने कलम की ताकत से खूब लड़ी थी। उनकी रचनाओं को पढ़कर लोगों में इतना उत्साह बढ़ा कि ब्रिटिश सरकार को उनकी रचनाओं पर प्रतिबंध लगाना पड़ा। शब्दों में शक्ति होती है और जब ये शब्द आपस मिल जाते हैं तो एक भाव को जन्म देते हैं। ये भाव समाज की स्थितियों पर भी निर्भर करता है। इसलिए रचनाएँ हमारे समाज की स्थितियों को बहुत प्रभावित करती हैं।

**प्रश्न.** हिंदी जगत के ऐसे कौन से कवि हैं जो आप के प्रेरणा के स्रोत रहे हैं?

जब मेरे सामने ये प्रश्न आता है तो मैं बहुत असमंजस में पड़ जाता हूँ कि किस कवि की कल्पना को मैं सर्वोच्च समझूँ, क्योंकि जब आप किसी कवि की रचनाओं को पढ़ेंगे तो आप उस कवि के दौर से परिचित हो पाएंगे। वैसे तो मुझे हिंदी साहित्य के अनेक कवियों जैसे जयशंकर प्रसाद, सुमित्रानंदन पंत, सूर्यकांत त्रिपाठी निराला, हरिवंश राय बच्चन बहुत पसंद हैं। लेकिन मुझे यदि आप बार-बार यही प्रश्न पढ़ेंगे और कोई विकल्प नहीं देंगे तो मैं रामधारी सिंह दिनकर जी का नाम लूँगा।

**प्रश्न.** हिन्दी साहित्य जगत की वर्तमान स्थिति पर आपकी क्या राय है?

भाषा, भावों एवम् विचारों की संवाहक होती है इसलिए प्रत्येक भाषा का अपना महत्व है। रही बात हिंदी की तो ये हमारी राजभाषा है और इसको राष्ट्रभाषा बनाने के लिए समय-समय पर साहित्यकारों, पत्रकारों एवम् आम जनमानस द्वारा प्रयास किया जाता रहा है। हिंदी केवल भाषा ही नहीं, बल्कि भावना की अभिव्यक्ति है। यह हमारे अंदर एकता की भावना को जागृत करती है और हमारी संस्कृति को प्रदर्शित करती है। इसलिए हमारा कर्तव्य बनता है कि हम अपनी भाषा को संरक्षित करें। पिछले कुछ वर्षों से हिंदी के प्रति लोगों का लगाव बढ़ा है। साहित्य ही नहीं बल्कि कई प्रौद्योगिकी संस्थानों के द्वारा भी इसके विस्तार की पहल की जा रही है। हमें अपनी भाषा को अपनाना होगा, इसको महसूस करना होगा। हम लोग बातचीत के दौरान अलग-अलग भाषाओं के शब्दों का प्रयोग करके, एक तरह से हिंदी भाषा के शब्दों की मंदाकिनी का तिरस्कार करते हैं।

**प्रश्न.** आपके अनुसार एक संघर्षशील कवि को सफल कवि बनने के लिए किन-किन बातों का ध्यान रखना चाहिए?

एक सफल कवि बनने के लिए सबसे पहले उसे उस विधा में पूर्वलिखित रचनाओं को पढ़ना चाहिए जिससे उसे उसके स्तर का बोध हो सके। अच्छे कवियों की रचनाओं को पढ़ने से कल्पना शक्ति का विकास होता है। आज-कल के युवा तुकबंदी को कविता मान लेते हैं लेकिन तुकबंदी कविता नहीं होती है। हाँ, कविता में तुकबंदी हो सकती है। हम लोगों के अंदर कमी यही है कि हम लोग इतिहास को नहीं पढ़ते। इस अवस्था में हमारी कोई भी रचना लोगों के

पास आधुनिक तकनीकी साधनों से पहुँच जाती है और उनकी प्रशंसा को पाकर हमें ऐसा लगता है कि अब हम कवि बन चुके हैं। लेकिन जब हम इतिहास को पढ़ते हैं तब एहसास होता है कि समुद्र-रूपी साहित्य में हम उस कंकड़ के समान हैं जो किनारों पर पड़ी रहते हैं। अच्छी रचनाएँ अपने अंदर दबी भावनाओं को एक पीढ़ी से दूसरी पीढ़ी तक ले जाती हैं। इसलिए एक अच्छा कवि बनने के लिए हमें भी इतिहास को पढ़ना बहुत जरूरी है।

**प्रश्न.** क्या आप लेखन प्रक्रिया के विषय में हमारे श्रोताओं को बता सकते हैं कि कैसे मन में उठी एक भावना को कविता का रूप दिया जाए?

जिस प्रकार हमारे शरीर के किसी हिस्से पर चोट लगती है तो हमारे हाथ तुरंत उस जगह पर पहुँच जाते हैं, ठीक उसी प्रकार जब हम अपने समाज में किसी को अपनी परिस्थितियों से जुड़ते हुए देखते हैं या किसी को संघर्ष करते हुए देखते हैं तो हमारे मन में अनेक प्रकार की भावनाएँ उत्पन्न होती हैं और जब ये घटनाएँ एक साहित्यकार के साथ होती हैं तो उसकी कलम तुरंत उठ जाती है। इस प्रकार लिखने की प्रक्रिया शुरू होती है।

**प्रश्न.** आपके जीवन की कोई ऐसी घटना या दृश्य बताइये जिसे आप ने कविता का रूप दिया हो।

एक बार मैंने एक कविता लिखी थी -  
“सब जाग रहे, तू सोता रह,  
किस्मत को थामे रोता रह  
जो दूर है माना मिला नहीं,  
जो पास है वो भी खोता रह।”

मैंने ये कविता २०१७ में लिखी थी। दरअसल स्वास्थ्य को लेकर मैं यँ ही बीस-पच्चीस दिनों से बेड पर लेटा था। एक रात मेरी नींद टूटी और काफी देर तक नहीं आई। उसी दौरान मुझे एहसास हुआ कि आखिर मैं ये बिस्तर पर सोए-सोए कर क्या रहा हूँ? उसी दौरान मुझे अपने पिता के मुँह से सुनी एक पंक्ति याद आ गयी - “सब जाग रहे तू सोता रह” और फिर ये कविता बन गई।



“

हिंदी केवल  
भाषा ही नहीं,  
ये भावना की  
अभिव्यक्ति है।  
यह हमारे अंदर  
एकता की  
भावना को  
जागृत करती है,  
हमारी संस्कृति  
को प्रदर्शित  
करती है।





# Dialogue

# RAJENDRA SINGH



**प्रकृति द्वारा चयनित पंच तत्वों का मानव जीवन पर एक विशेष प्रभाव है। वर्तमान में जल प्रदूषण के कारण स्वच्छ जल की कमी चिंता का विषय है। जल संरक्षण के क्षेत्र में अमूल्य योगदान देने वाले जल पुरुष श्री डॉ राजेंद्र सिंह जी का साक्षात्कार के कुछ अंश प्रस्तुत हैं।**

**प्रश्न.** जल संरक्षण आज के परिदृश्य में अति आवश्यक और महत्वपूर्ण है। जल संरक्षण कर राष्ट्र की सेवा करने का आपका सफर कहाँ से शुरू हुआ और इसके लिए आपको किसने सबसे अधिक प्रभावित और प्रेरित किया?

मैं जब १९८० में अपने मूल गांव से जयपुर आया तब मुझे यह ज्ञात हुआ कि रामपुरा गांव के बंजारे बेपानी हो कर मीलों दूर से पानी लाते हैं। उस जमाने में मैं भारत सरकार में था। लोगों ने मुझसे जल के संकट के बारे में बताया, तो मैंने श्रमदान करवाके बंजारों के लिए पहला तालाब १९८२ में तैयार करवाया। सरकारी व्यस्तता से हटकर १९८४ में मैंने समाज के लिए काम करने की ठानी और अलवर जिले के एक गांव में रतौंधी की चिकित्सा आदि कार्यों में लग गया। कई लोगों को ठीक करने के उपरान्त मुझे यह ज्ञात हुआ कि उस गांव में जल के अभाव की भयानक समस्या व्याप्त है। गांव के एक बुजुर्ग आदमी की प्रेरणा से मैंने धरती का पानी से इलाज करने का निश्चय किया और वहीं से इस सफर की शुरुआत हुई।

**प्रश्न.** अगर 'अंडरग्राउंड वाटर टेबल रिचार्ज' करने में 'रेनवाटर हार्वेस्टिंग' कारगर तकनीति है, तो आपके विचार से क्या सरकार को इसे सभी घरों के लिए अनिवार्य नहीं कर देना चाहिए?

बिल्कुल कर देना चाहिए। इस वक्त भारत में ८२% जलभृत खाली हो रहे हैं। हम जितना पानी का उपभोग करते हैं, उतना वापिस जमीन में नहीं जा पाता है। हमें भूजल को भरने के लिए जहाँ भी प्राकृतिक पुनर्भरण संभव हो सके, वहाँ पानी का काम करना चाहिए। सरकारों को पूरे देश में वैज्ञानिक तरीके से भूजल के पुनर्भरण के लिए शुरुआत करनी चाहिए।

**प्रश्न.** 'विश्व जल शांति यात्रा' का जल संरक्षण को लेकर विश्व भर में जागरूकता फैलाने में क्या योगदान रहा?

इस यात्रा का लक्ष्य, तीसरे विश्वयुद्ध, जो

कि हम सुनते आ रहे हैं कि संभवतः जल के अभाव के कारण होगा, को रोकना है। विश्वयुद्ध में दुनिया दो हिस्सों में बंट जाती है। पानी के लिए त्रस्त व लाचार देश संगठित होकर, जल से संपन्न देशों पर हमला कर देंगे। इस टकराव को रोकने के लिए जल साक्षरता की पहल करनी आवश्यक है और हमने इस यात्रा के द्वारा यही कोशिश की है।

**प्रश्न.** हमारे समाज और साहित्य में पानी को एक अलग दर्जा दिया जाता है। पानी के विषय में जैसा कि रहीम जी ने कहा कि - "रहिमन पानी राखिये, बिनु पानी सब सून। पानी गए न ऊबरें, मोती, मानुष, चून॥" दार्शनिक तौर पर, क्या आपको लगता है कि पानी इंसान की सोच और कार्यों को दर्शाता है?

रहीम जी ने अपने एक दोहे में दार्शनिक, आध्यात्मिक, सामाजिक एवं मानवीय पक्षों को प्रस्तुत किया है। रहीम के इस दोहे को समझ कर हम पानी के सारे गुणों को समझ सकते हैं। वे ऐसे साहित्यकार थे जो अनुभूति से अनुभूत होकर कुछ कहते थे। रहीम का यह दोहा हमारे जीवन के हर पक्ष को जल से जोड़ता है।

**प्रश्न.** आज हमारे देश के कई राज्यों में विभिन्न नदियों के जल को लेकर विवाद की स्थिति बनी हुई है। आप के अनुसार क्या ऐसा कोई तरीका है जिससे ये विवाद सुलझाया जा सके?

नदी पर मालिकाना हक किसी मानव या सरकार का नहीं बल्कि स्वयं नदी का है। देश में कई नदियों के पानी पर विवाद है और उनपर कई बातें भी होती हैं, पर यह बातें जल नहीं देंगी। यदि विवाद तमिलनाडु और कर्नाटक का है तो दोनों तरफ के किसानों को आपस में बात-चीत करके इसका समाधान

खोज लेना चाहिए। भारतीय न्यायपालिका लम्बे समय से इस टकराव को नहीं सुलझा सकी है। हम न्यायपालिका का सम्मान करते हैं परन्तु जिस कार्य में विलम्ब हो रहा हो वहाँ सत्य को कहने में संकोच नहीं करना चाहिए। उन्हें यह समझना होगा की पानी पर न्याय करना होगा न कि निर्णय।

**प्रश्न.** यदि हम जल कानूनों और नियमों को देखें, तो भारत संभवतः इकलौता ऐसा देश है, जिसने २५ वर्षों की अवधि में अपनी राष्ट्रीय जल नीति के तीन संस्करणों को क्रमशः १९८७, २००२, और २०१२ में प्रस्तुत किया। आप इन संस्करणों का विश्लेषण कैसे करते हैं?

देखिये सरकार नीतियां तो बना देती है परन्तु उनका कार्यान्वयन अर्थात सही तरीके से पालन नहीं हो पाता है। इन नीतियों का एक कानून बनाने की आवश्यकता है, तभी इनका असर जमीन पर दिखेगा और जमीनी हकीकत में सुधार हो सकेगा। पानी के ऊपर कानून बनाने से पहले विभिन्न पंचायतों, नगर पालिकाओं व राज्य सरकारों को एक साथ लाना होगा तभी इनका असली लाभ उठाया जा सकता है, अन्यथा इन नीतियों से समस्याओं का समाधान नहीं हो पाएगा।

**प्रश्न.** पानी को संरक्षित करने के लिए और भारत को पुनः जल-समृद्ध देश बनाने के लिए हम युवा विद्यार्थी अपने स्तर पर क्या कर सकते हैं?

युवाओं की उम्र अभी कम है अर्थात उन्हें अभी ज्यादा दिन जीना है। ऐसे में उन सभी को जल संरक्षण करना चाहिए। उन्हें पानी का अनुशासित रूप से प्रयोग करना चाहिए। अपने माँ-बाप, पड़ोसी आदि को जल संरक्षण के लिया जागरूक व प्रेरित करना चाहिए। युवाओं को नदियों को समझने व जानने की आवश्यकता है। उसके उपरान्त ही वे जल संरक्षण में योगदान दे पाएंगे और साथ ही अपने साथ के लोगों को इस नेक काम के लिए प्रोत्साहित कर सकेंगे। सभी युवाओं को इतना करना चाहिए कि अगली पीढ़ी उन्हें जल संरक्षण के लिए शाबाशी दे।



“

युवाओं की उम्र अभी कम है अर्थात उन्हें अभी ज्यादा दिन जीना है, ऐसे में उन सभी को जल संरक्षण करना चाहिए।



# Colloquy

## SAURABH SRIVASTAVA



**Saurabh Srivastava is the current Assistant Vice President and Head L&D at Reliance Jio. An alumnus of 1991 batch of erstwhile MMMEC, he has an experience of over two decades as a training professional. Here is an excerpt from our talk.**

**Q. What do you think is the most significant step that determines the direction of one's career after graduation?**

There isn't any specific step that determines the direction of one's whole career after graduation because technological requirements and skillsets change over time. However, focusing on a certain career path would help one to make informed decisions about one's professional growth. It's crucial to reflect on your interests, skills, and goals while making career choices. They can help you choose the right starting position & make strategic decisions over time.

**Q. There is incessant performance pressure in the corporate world. How do you deal with it and what advice would you like to give to all the young graduates?**

Take your schooling seriously because that is what you get judged for by your future employer. "Learning is the key", so keenly learn new things as the world keeps changing the required skillsets. It's not a compulsion to have all the answers but to know where to find them. Keep your life balanced with health, family, work, and social life. If you are passionate about your job then you don't feel pressured at all, but if you're doing something out of interest then it takes a toll on you. I am a training professional for more than 20 years because this is my passion.

**Q. In such a long and successful**

**career, you must have had many ups and downs. What is your source of inspiration that keeps you going?**

Ups and downs are the part and parcel of everyone's life. You must learn to live with them and adapt yourself accordingly. I am indifferent from these two extremes, I neither get too excited when I achieve something extraordinary nor too disappointed if something bad happens. I keep saying "This too shall pass".

Being a training professional, the success of my students is my source of inspiration. It is an amazing feeling to make a difference in someone's life.

**Q. In the current dynamic world, how to ensure that one is up to date with all the required skills for a particular field?**

Staying up to date in your industry is a necessity. In this ever-changing world driven by evolving innovation and technologies, ensure you're ahead of the game and on top of your industry trends. It's just a matter of keeping eyes and ears open to channels of information to understand the technological shift that may get through in every field. Use your professional and social network; subscribe to industry/trade magazines, blogs and newsletters;

undertake some refresher courses; watch webinars and podcasts, etc.

**Q. What do you think need to be the essential qualities in the leader of any team in the current globalized competitive market?**

An evolved sense of global economies and priorities is necessary for aspiring global business leaders. Understanding your beliefs and knowing where they differ from others is critical for a global leader. Without it, you'll not be able to adapt to and tolerate the deep-seated beliefs of others, and business opportunities will evaporate. Great leaders lead their teams from the front and set an example for them. S(he) always takes the team's failure on himself and dedicates the success to the team.

**Q. Do you think that somewhere, the internet is responsible for a generation gap among people with an age gap of merely five years?**

I don't think that the internet is responsible. Elderly people weren't as fortunate to get access to technologies as we. One of the reasons for the generation gap is the fear to handle gadgets, technologies, and a perception that the next generation is smarter than the last. Youth should help to overcome their fears and help them understand and then you'll find them at par. The factors responsible for this are the accelerated rate of change in society, the difference in individual upbringing, and the mental framework.





**In this ever-changing world driven by evolving innovation and technologies, ensure you're ahead of the game and on top of your industry trends.**

# Dialogue

# ANNA HAZARE



आज़ादी और लोकतंत्र के सही मायने समझना तथा भ्रष्टाचार के खिलाफ़ खुलकर आवाज़ उठाना किसी भी आम इंसान को महापुरुष बनाता है। इसी सोच और संकल्प ने किशन बाबूराव हजारे को श्री अन्ना हजारे के नाम से सम्पूर्ण विश्व में ख्याति दिलवाई। प्रस्तुत हैं पद्म भूषण श्री अन्ना हजारे जी से हमारी बातचीत के कुछ अंश-

**प्रश्न.** हमारी सरकार ने पर्यावरणीय प्रभाव आकलन अधिनियम २०२० को लागू करने का फैसला लिया है, परन्तु कुछ लोग इसके विरोध कर रहे हैं तथा इसकी तत्काल समीक्षा की मांग कर रहे हैं। इस विषय में आपके क्या विचार हैं?

जो लोग विरोध कर रहे हैं, उनके पक्ष को भी सुनना आवश्यक है। पेरिस समझौते में हमारी सरकार ने वादा किया था कि हम अपना विकास पर्यावरणीय दशाओं में उन्नति करते हुए करेंगे और पर्यावरण का संतुलन बनाए रखेंगे। इसलिए हमें ध्यान रखना होगा कि बड़े-बड़े बांध, रेलवे मार्ग, हाईवे, एक्सप्रेस-वे बनाने की दौड़ में हम अपने पर्यावरण को बचाने के मूल उद्देश्य को भूल न बैठें। पर्यावरण-प्रेमियों और पर्यावरणविदों द्वारा रेखांकित की गई चिंताओं विशेषतया इस कानून के शिकायत निवारण तंत्र की समीक्षा करने की आवश्यकता है। २६ जनवरी १९५० को भारत एक लोकतांत्रिक देश बन गया और जनता हमारे देश की मालिक हो गई। यदि कोई ऐसा कानून है जिससे बड़ी संख्या में लोगों के प्रभावित होने की संभावना है, तो उसे बनाते समय जनता की राय जरूर लेनी चाहिए।

**प्रश्न.** हमने पिछले कुछ महीनों में हजारों की संख्या में मजदूरों को एक राज्य से दूसरे राज्य के बीच की सैकड़ों किलोमीटर दूरी को पैदल ही नापते हुए देखा। आप इसे किस प्रकार देखते हैं?

भारत को गांवों का देश कहा जाता है इसलिए गांव की प्रगति ही अपने देश के प्रगति है। लेकिन आजादी के काफी समय बाद भी गांवों के पढ़े-लिखे युवा रोजगार के लिए शहरों में भटकते रहे। धीरे-धीरे गांव खाली होते गए और शहर भरते गए। आज यह महामारी आ गई तो फिर लोग गांवों की ओर चल दिए। उन्हें पहले ही गांवों के विकास के लिए सोचना चाहिए था ताकि शहरों में बसने की जरूरत ही न पड़े। मेरा मानना है कि हमें अपने गांव में ही अपने हाथों के लिए काम और पेट के लिए रोटी की तलाश करनी होगी। एक समय था जब मेरे गांव रालेगण सिद्धि में लगभग ८० प्रतिशत

लोग भूखे सोते थे लेकिन आज सौ-सवा सौ (१००-१२५) टन प्याज तरकारी गांव बाहर जाता है। जिस गांव में ३०० लीटर दूध बाहर नहीं जाता था, आज वहीं उसी गांव से ६००० लीटर दूध प्रतिदिन बाहर जाता है। अब तो गांव के नवयुवक भी पशुपालन बड़े शौक से कर रहे हैं। अध्ययन के लिए रालेगण सिद्धि में पिछले १३ सालों में १४ लाख लोग आए जिनमें से चार ने पीएचडी भी की। लेकिन हमें दुख है की अभी भी अपने देश में ऐसे कई गांव हैं जिनके विकास की गाड़ी पगडंडियों पर चल रही है।

**प्रश्न.** महामारी के इस दौर को ध्यान में रखते हुए, क्या आपको लगता है कि सरकार ने जो कदम उठाये हैं, वे जनमानस की सुरक्षा के लिए सही और सावधानीपूर्ण थे? अगर नहीं, तो आप आने वाले महीनों के लिए क्या सुझाव देना चाहते हैं?

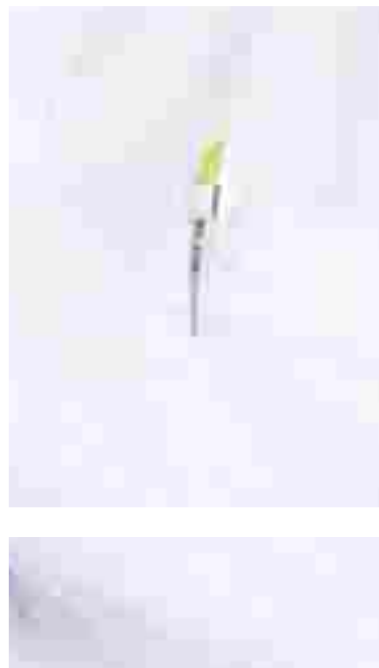
यह महामारी सरकार और जनता दोनों के लिए शिक्षक बन कर आयी है। अचानक से आयी इस महामारी ने सरकार को वर्तमान स्वास्थ्य ढांचे में अपेक्षित सुधारों का ज्ञान करा दिया। प्रतिदिन ऐसी खबरें आती हैं कि अस्पतालों में बिस्तर और वेंटीलेटर की कमी के कारण मरीजों को गलियारों में सोना पड़ा। सरकार को इस तरह की आपदाओं से निपटने के लिए आगे से सावधान रहना होगा। वहीं दूसरी ओर यह महामारी जनता को 'लॉकडाउन' अर्थात घर में रहना सिखा रही है। इसका एक पहलू यह है की आप अपने शरीर को 'लॉकडाउन' करो और देश-समाज की भलाई के लिए मन को ऊंचा लेकर जाओ। आप देखो, मैं अभी अपने घर से उत्तर प्रदेश में बात कर रहा हूँ। मैंने अपने शरीर को तो 'लॉकडाउन' किया पर अपने मन को नहीं, जिसके परिणामस्वरूप प्रतिदिन सैकड़ों युवकों से बात करता हूँ। इसका दूसरा

पहलू 'सोशल डिस्टेंसिंग' है, जिसके बारे में हर व्यक्ति को सोचना होगा। ध्यान रखो, बाहर स्वार्थी लोगों की भीड़ है, उसमें मत जाओ। अभी मेरी उम्र ८३ वर्ष हो गयी फिर भी मेरे कार्य और संघर्ष, जो मैंने २५ वर्ष की उम्र में चालू किये थे, वो आज भी जारी हैं। इसलिए शरीर को 'लॉकडाउन' अवश्य करो पर मन को नहीं।

**प्रश्न.** जैसा कि हम जानते हैं कि आधुनिकता के इस संसार में बहुत से वयस्क और छात्र तनावग्रस्त हैं और आत्महत्या दर भारत में लगातार बढ़ रही है। कहा जाता है कि एक ऐसा समय था जब आपने भी आत्महत्या का सोचा था। आपके अनुसार एक समाज के रूप में हम इसके लिए क्या कर सकते हैं?

यदि कोई व्यक्ति काफी लंबे समय से दुखी है, निःसहाय है, उसे यह महसूस हो रहा हो कि उसका जीवन बेकार है या उसके जीवन का उद्देश्य नहीं है। यहाँ तक कि जो कार्य उसे बहुत पसंद थे अब वह उसे करना ही न चाह रहा हो तो ये सब बातें उस व्यक्ति के तनावग्रस्त होने की ओर इशारा करती हैं। इससे बचने के लिए हमें अपने अंदर के महानता के भाव को मारना होगा। महानता आपके अंदर की छवि को बाहर नहीं आने देती और आप संसार में एक महान छवि को लेकर जीते हैं, जिसकी वजह से आप अपने मन में उठने वाली बातों को लोगों के सामने नहीं रख पाते हैं और आप अकेले होते चले जाते हैं।

इसके अलावा हमें अपने जीवन के हर जंग को जीतने की जिद को छोड़ना होगा। जीवन के निर्माण में असफलता का उतना ही महत्व होता है जितना कि बीज के ऊपर वाली मिट्टी का है। बीज को ऊपर वाली मिट्टी बोझ लगती होगी। लेकिन उस क्या पता कि यदि उसके ऊपर मिट्टी ना हो तो वो अंकुरित ही ना हो पाए। उसी प्रकार असफलता भी हमारे जीवन में हमें बोझ लगती है लेकिन हमारे भविष्य निर्माण के लिए ये बहुत जरूरी है। हमारे ऊपर समाज का इतना ही दबाव होना चाहिए कि हम कुछ गलत ना करें। अवसाद से बचने के लिए हमें प्रतिदिन योग, शारीरिक व्यायाम, अपनी रुचि के अनुसार कोई भी क्रिया जिससे हमें खुशी मिलती हो, जरूर करना चाहिए।



“  
अपने  
शरीर को  
लॉकडाउन  
अवश्य  
करो पर  
मन को  
नहीं।



**प्रश्न.** अपने सपनों को पूरा करते हुए समाज कल्याण के पथ पर कैसे आगे बढ़ सकता है?

एक तो सपना देखो लेकिन बड़ा सपना देखो जैसा मदन मोहन मालवीय जी ने देखा। उस सपने की राह में चलते समय दिक्कतें बहुत आएंगी, कठिनाइयां बहुत आएंगी, निंदा होगी, घर से विरोध होगा, समाज का विरोध होगा; लेकिन रुकना नहीं, चलते रहना। तभी आपका सपना पूरा होगा।

**प्रश्न.** आप अपने जीवन में स्वामी विवेकानंद और महात्मा गांधी के विचारों से कितना प्रभावित है?

महात्मा गांधी जी कहते थे - गांव में चलो। प्रकृति और मानवता का दोहन ना करते हुए जो विकास हम करेंगे वह शाश्वत होगा। यदि दोहन कर के विकास करेंगे, तो उसका कभी न कभी विनाश होना तय है। गांधी जी कहते थे - गांव के लोगों को हाथ के लिए काम और पेट के लिए रोटी गांव में मिले, ताकि वो शहर की ओर ना जाएं। विवेकानंद जी के विचार मेरे जीवन में तब आये जब मैंने दिल्ली स्टेशन पर जब उनकी एक पुस्तक ली और पढ़ना चालू किया। विवेकानंद जी कहते थे - भूखे पेट बैठे लोगों को ज्ञान की बातें बता कर कुछ नहीं होगा। पहले उनकी भूख मिटानी होगी। दूसरी बात विवेकानंद जी हम जैसे युवकों के लिए कहते थे। मैं युवक हूँ, ८३ साल का युवक (हँसते हुए)। वह कहते थे की दैनंदिन जीवन

में जिस प्रकार आप ध्येय बनाते हैं - डॉक्टर, इंजीनियर, वकील बनने का - उसी प्रकार अपने जीवन का भी ध्येय निश्चित करो। जैसे मैंने जीवन का ध्येय निश्चित किया - सेवा, गांव की सेवा, देश की सेवा। विवेकानंद बोलते थे कि अगर जीवन का ध्येय निश्चित किया, तो मंजिल दिखाई देगी। आज किसी को मंजिल दिखाई नहीं देती - वो चल रहा है, मैं भी चल रहा हूँ; वो दौड़ रहा है, मैं भी दौड़ रहा हूँ; वो इंजीनियर बन रहा है, मैं भी बन रहा हूँ; जीवन का ध्येय नहीं है। संपूर्ण जीवन का ध्येय बनाओ, तभी मंजिल दिखाई देगी और फिर उसकी ओर बढ़ो। आपका विरोध होगा, निंदा होगी, बहुत कठिनाइयां आएंगी, पर विवेकानंद के कथनोंनुसार रुको मत चलते रहो, मृत्यु आ जाये परवाह नहीं। केवल इसीलिए मेरे जैसा सामान्य कार्यकर्ता इतना बड़ा काम कर सकता है। इसीलिए इन महापुरुषों का मेरे जीवन में काफी प्रभाव रहा है।

**प्रश्न.** अपने पूर्व के अनुभवों और ज्ञान के आधार पर आप समाज को क्या संदेश देना चाहते हैं? आप की दृष्टि में देश के युवाओं के मन में किन चारित्रिक तथ्यों का संचार होना आवश्यक है?

युवा शक्ति राष्ट्र शक्ति है। कई देशों के युवाओं ने अपने देश के लिए बड़े-बड़े कार्य किए हैं। जब मैं युवा था तब मेरे पास पैसा, राजनितिक शक्ति कुछ भी नहीं थी। फिर भी मैं लड़ा और आर.टी.आई. और लोकपाल जैसे कानून

अपने देश में लाए। सत्ता किसी की भी हो, उसमें भ्रष्टाचार होगा। लेकिन भ्रष्टाचार पर रोक लगाने के लिए कानून बनाना पड़ेगा। और कानून बनाने के लिए सरकार पर दबाव बनाना पड़ेगा। जनशक्ति का दबाव केवल भाषण से ही नहीं होता बल्कि इसके लिए हमें अपने कर्मों पर भी ध्यान देना होगा अर्थात् कथनी और करनी को जोड़ना होगा। कबीर दास जी कहते हैं -

“कथनी मीठी खाँड सी, करनी विष की लोय।  
कथनी तजि करनी करै, तो विष से अमृत होय।।

अर्थात् अपनी करनी (कर्म) से हम विष को भी अमृत कर सकते हैं।

इसलिए मेरी युवाओं से विनती है कि उन्हें पांच बातों को संभालना चाहिए:

१. अपने आचार को शुद्ध रखना
२. विचार को शुद्ध रखना
३. जीवन को दोग-मुक्त बनाएं
४. त्याग - किसी भी सफलता के लिए त्याग बहुत जरूरी है जिस प्रकार मक्के के एक बीज के त्याग से हजारों बीजों का निर्माण हो जाता है। वे दाने जो जमीन में नहीं जाते, अपना त्याग नहीं करते, वे आटा चक्कियों में पिस जाते हैं। उनका अस्तित्व समाप्त हो जाता है। इस दुनिया में कुछ अलग करने के लिए ये जीवन हमसे त्याग की कामना रखता है।
५. अपमान सहने की क्षमता - हमारे अंदर अपमान सहने की क्षमता होनी चाहिए। किसी के अपमानजनक शब्दों का उत्तर हमें अपने कर्मों से देना चाहिए।

# 2020 UNIVERSITY ANNUAL REPORT

- 1 In view of the **Covid-19 pandemic**, the university successfully switched to **online mode** for classes of **odd semester** 2020-21.
- 2 **Prof Jay Prakash Pandey** took over as the **THIRD vice-chancellor** of MMMUT, Gorakhpur w.e.f. July 27, 2020.
- 3 Admission of new students to the **BTech** courses from the new academic session 2021, will now be done only through the **joint entrance examinations (JEE)** conducted by the NTA.
- 4 The university secured membership of the **Association of Indian Universities (AIU)**.
- 5 The university has been granted the **12B Status** by the **University Grants Commission (UGC)**, New Delhi. The university has initiated the process of **NAAC accreditation** and **NBA accreditation** for its BTech ECE programme.
- 6 **MMMUT Gorakhpur** grabbed **183rd position** in the engineering category of **NIRF rankings-2020**.
- 7 The first edition of Annual Hindi magazine **Antarnaad**, published by Hindi Cell of the University, was released by Hon'ble chief minister of U. P., **Shri Yogi Adityanath Ji** on July 6, 2020 at Shri Gorakhnath temple campus.
- 8 Several infrastructural developments including the construction of a new **auditorium, library, girls' hostel**, and **IT Department block** have taken place in the University.
- 9 Many webinars and online interview sessions were conducted by the various societies of the university. **Shri Anna Hazare Ji** coming up for an interactive session with the university students was the highlight of these sessions.
- 10 The University adopted **one view system** for declaring results of students. For the first time MMMUT results can be accessed on the internet irrespective of the geographical location.
- 11 The faculty members of MMMUT published **80 research papers** in national/international conference proceedings and **3 book chapters/monographs** during the period of July - September 2020.
- 12 MMMUT Gorakhpur in collaboration with JK Institute of Applied Physics and Technology, University of Allahabad, and Manipal University, Jaipur will be organising **ICVMWT 2021** (International Conference on VLSI & Microwave and Wireless Technologies).
- 13 The **convocation ceremony** was held online for the **batch of 2020** in the second week of February 2021.



# REVERIE

*English articles*



# Dimensions of thought

**H**ave you ever wondered how the yogis live so long or how they survive in the cold chilling climate of the Himalayas with just a piece of cloth over their body? Your heartbeat is an unconscious process, i.e., it beats all the time, whether you want it or not. Have you ever thought to control your heartbeat at your will or slow it down? Sounds quite impossible! But do you know the limits of the human mind? Let me tell you an interesting fact - you don't age by time, but because of the number of thoughts you process in a single day. A human mind processes 60,000 thoughts on average, which is a huge number. Have you ever tried to stop your mind's chattering? Try it once. Well, 95% of those thoughts are the same as the ones you thought the day before. Those who think the same thoughts every day, most of them negative, have fallen prey to bad mental habits. Rather than focusing on all the good in their lives and thinking of ways to make things even better, they are captive of their pasts. Some worry about failed relationships and financial problems, others fret over their less than perfect childhood. The habit of negative thinking just damages or drains the life force. People never realize that mind management is the essence of life management. Even the best thinkers are using only 1/100th of a percent of their mental reserves. Yogis, through regular and disciplined practices, have conditioned their

minds so that they are able to slow down their heartbeat at their will or go for weeks without sleeping. You can't afford the luxury of even a single negative thought. When you form the habit of searching for the positive in every circumstance, your life will move into its highest dimensions. Your outer world reflects the state of your inner world. By controlling the thoughts that you think and the way you respond to the events of your life, you begin to control your destiny.

The mind is a part of the Universal Mind. Each mind is connected with every other mind. And each mind, wherever it is located, is in actual communication with the whole world.

Have you ever noticed the phenomenon that is called thought-transference? A man here is thinking something, and that thought is manifested in somebody else, in some other place. With preparations, not by chance, a mind can send a thought to another mind at a distance, which knows that a thought is coming and receives it exactly as it is sent out. Distance makes no difference. Moreover, it is not a direct process. Instead, the thought from the source mind gets dissolved into eternal vibrations and those eternal vibrations are received by the destination mind and again get resolved into the original thought. It involves the dissolution of thought at one place and resolution at another. This shows the continuity of mind, as the yogis call it. The mind is

universal. Your mind, my mind, all these little minds, are fragments of that Universal Mind.

Notice what is happening all around us. The world is one of its influences, part of our energy is used in the preservation of our bodies. Apart from that, every particle of our energy is being used continuously in influencing others with our bodies, our virtues, our intellect, and our spirituality. And conversely, we are being influenced by them. This is going on all around us. Now to take a concrete example, suppose a learned man speaks to you by the hour. His language is well-organised, yet he fails to make an impression. Another man comes and speaks a few words, not well arranged, ungrammatical, but he makes an immense impression all the same. Many of you would have experienced it. So it is evident that words alone cannot always produce a good impression. Words, even thoughts, contribute only one-third of the influence in making an impression, while the man himself accounts for two-thirds. What you call the personal magnetism of the man - that is what goes out and impresses you. The science of Yoga claims that it has discovered the laws which develop this personality and by proper attention to those laws and methods, each one can grow and strengthen his personality.

**SHIVAM OJHA**  
**BTECH, THIRD YEAR, CSE**

# 3033

## *A love story*

June 2, 3033: It was a usual Sunday afternoon. John lay on his bed, talking to his friend over PixAI, a newly invented device that lets you communicate via holograms.

“What’s the use of this assignment, Jessi?” he asked, sipping a cup of coffee prepared by his AI bot.

“Ah, it sucks. Studying the human emotions of 20th-century people sounds so boring,” she replied.

“Woof, woof! It’s time for charging, senpai,” sounded his robotic dog. He plugged in the charger. He used to live in his apartment with his dog. His parents lived abroad and used to chat with him weekly.

“Let’s meet at the city library. I think we will find some good resources for our assignment there,” he said.

She agreed and asked to bring his dog along.

“Siri, what should I wear today?”

“According to your preferences, you can wear from wardrobe-2,” Siri replied.

He left his apartment and boarded a flying taxi. Recently he had been feeling strange. Whenever he used to meet Jessi virtually, his heartbeat increased, pupils dilated, and sometimes he even hallucinated, as if he was attracted to her.

“Maybe it’s gravity! Whatever, let’s focus on work today.”

Jessi was waiting for him.

“Aw, so cute! Thank you John for bringing Walter (the dog) with you,” she said with a heavenly smile on

her face. They then explored the library which had infinite resources on various topics. He took one of the video resources on human emotions and started exploring it.

Friendship - The humans of the 20th-century used to have mutual feelings called friendship among the same or opposite sexes. Friends used to help each other, dig at each other, party together. Travelling, eating, and playing were some of the most popular activities among friends, but most importantly, they used to understand each other.

“Wooh! that’s strange. Now we can use AI and travel anywhere in virtual form, visit any place, but still, I haven’t experienced this emotion yet. Maybe I have no friends yet,” he said, looking at Jessi studying at another table.

Loneliness - It was an unpleasant emotion, a natural response to isolation. It is also described as social pain, that motivated a person to seek social connections. Sometimes, it also led to suicidal thoughts.

“Well, only if they had accepted that living in solitude was best, they would not have suffered from loneliness,” he remarked.

Relations - “Let’s see what’s this. Children were born by sexual reproduction! What’s that?” he inquired, and went on to watch a video related to reproduction.

“Why, this is totally gross. Why would someone do that? Nowadays you can genetically program and get

your babies from laboratories,” he said blushing and sweating.

Love - Love encompassed a range of strong emotional and mental states. It was both positive and negative. It could be both beautiful and destructive in nature.

“This seems interesting. The human seems to fall in love with others,” he chuckled. “Fall in love? What’s that? Is it like a pit or a hole in the ground that you fall in? That’s strange!”

Suddenly Jessi, holding his hand, took him to his seat to show him something she found useful. His heartbeat increased meteorically, pupils dilated, his shoulders shivered, and his face became red.

“What is happening to me?”, he asked himself. “Why is there a sudden rush of blood in my body? What is this strange feeling, as if something is growing inside me? Am I unwell? Or is it like the previous time with Jessi? But why with Jessi? Does she also feel the same? Is this a mutual feeling or a health problem? Why am I unable to decode it?”

His health watch started beeping. “Heartbeat increasing, blood pressure increasing,” it said.

“Is this...love?” he asked himself while checking his vitals.

“Are you okay?” Jessi asked.

“Yes! I am okay. I think...I think...I just need a...doctor,” he replied.

**JAGJIT SINGH  
BTECH, THIRD YEAR, ME**

# *The extension* Article 21

Article 21, a well-known fundamental right of the Indian Constitution states “no person shall be deprived of his life or personal liberty except according to procedure established by law.” Since the enforcement of the Constitution, this article has been touched upon several times and each touch gave it an altogether new dimension. Today it is apt to say that Article 21 is that article of the Indian Constitution that has the widest scope. The article was first touched/referred to in the case of A.K. Gopalan vs. State of Madras, where the question before the court was to decide whether the extension of this article is limited only to executive action or not. It was held in this case that the extension of this article is only up to the executive actions and there is no such principle as natural justice in the Indian constitution as there is in the U.S. Constitution. However the dissenting judge in the matter, Justice Fazl Ali was of the opinion that the concept of natural justice is already inherent in the expression procedure established by law. Later the confusion created by this case regarding the principle of natural justice became clearer in the famous case of Maneka Gandhi vs. Union of India, as it was the case that brought the concept of natural justice in India. With the passage of time, several new dimensions were added in this article either by the amendments or

by the judicial interpretations of the courts in different cases.

Few such examples are appended:

- In the matter of Kharak Singh vs. State of Uttar Pradesh, the Right to privacy was added to Article 21.
- In the matter of Satwant Singh vs. Assistant Passport Officer, the Right to go abroad was added to this article.
- In the matter of Francis Coralie vs. State of Maharashtra, the Right to livelihood was inducted.
- In the matter of Subash Kumar vs. State of Bihar, the Right to pure water and air was included.
- In the matter of Mohini Jain vs. State of Karnataka, the Right to education was included.

The journey of extension of Article 21 also reached the matters of the Indian Penal Code, as section 309 of IPC was declared unconstitutional on the ground that it violates Article 21 in the matter of Sripati Dubal vs. State of Maharashtra. Although in the case of Gyan Kaur vs. State of Punjab, section 309 of IPC was revived and Supreme Court held that the Right to die does not come within the purview of Article 21. The rollercoaster ride of Article 21 did not stop here. It further reached the cases involving the death penalty as in the case of Vashusharan vs. State of Tamil Nadu, it was held by the court that the death penalty can be converted into life imprisonment if it is not awarded within two years of

the delivery of the judgment. Later in the case of Sher Singh vs. State of Punjab, the time of two years was replaced by the words ‘adequate time period’. Seeing such developments within Article 21, today it can be said that Article 21 tries to provide each and every individual every possible right, necessary to survive in a democracy.

However, the other side of these developments cannot be ignored, as the extension of this article is still in continuance with the changing times and circumstances. Today, we witness that in every matter which is brought to the ambit of court, the question of violation of Article 21 is unequivocally being raised by the complainants and their solicitors. This issue can surely become the main cause of the increasing number of pending cases.

I am of the opinion that developments bound under some limitations are good. On one hand, we cannot give all the rights to the persons and on the other, we also cannot give all our rights to the governing bodies. So, the balance and coordination must be maintained during the enforcement and exercise of such an article having such a wide scope.

**VISHAL MAJUMDAR  
BA LLB, THIRD YEAR  
ALLAHABAD UNIVERSITY**



# An Evening

The summer evening left the impact of its warmth and silence on the city's atmosphere while the sun was gradually dying over the horizon. The disruptive winds were howling unconventionally today, reminding him of the years-old memories which he had unfortunately collected under the influence of his youth and heart. The air was running dry, the growing heatwaves of the summer loo were insisting on the weather to ruin the essence of the lonely evening. The sulphuric smell of the pollution arising from the heart of the city bewildered his emotions and his mind was no more consumed by the thoughts of his memories. Meanwhile, the perception of staying in the present, settled in his mind, making him aware of the present moment. The laments of his soul rhymed with the songs of the breeze coming from the far south. The darkness in the outside world dwindled and the city was all lit up by the vintage artificial lamps, the golden shades of which shattered over all the objects belonging to the city. The noise of the evening traffic was intensifying along the roads while he started to feel the emptiness residing in his life, and the intense silence of his room made him shudder at the thought of being alone in a city where millions dwelled. He struggled to look

outside the glass window of his room but the memories that had always frightened him on such evenings managed to show up on the window vaguely. In another moment, the mobile resting on the table beside him beeped once or twice. The vague events showing up on the window disappeared quickly only to make him look at the mobile screen. He saw a reminder on the screen about some upcoming event which he had to attend. He tried recalling the events he had to attend on behalf of the company's profile. Ultimately, he couldn't recall any. As he grew more and more curious about the reminder, he willingly picked up the mobile and looked at it. A reminder that said, 'Birthday of the most special', was all he read. Now there wasn't even any slightest chance of not sinking into the sadness of the evening. The memories which were till now showing up vaguely, gathered numerically into the depth of his mind with great certainty and abundance. He kept his mobile back on the table, felt the profoundness of his striking memories, and amidst the havoc of the city, the restlessness of the heart, and the loneliness of the evening, he once again realised how profoundly and irrevocably he was in love with her some time back. This time he didn't resist the blissful memories perhaps because he had always been waiting for this moment to prevail

in his life. The experiences of his life had always been so disappointing for him that he couldn't afford to keep the past into the spaces of the present. But today the sufferings of his love had triggered a series of events that eventually led to a pleasant and romantic evening. Pleasant memories don't demand the togetherness with the people with whom they are made, they are as intact and as beautiful as they were at their actual time. The words and phrases which he used to lead her soul into the depth of his eyes were now being pronounced by the beats of his heart. He rarely repented separating from her, since they grew apart, he not even once felt her snuggly palms or her cosy hugs. After that, he never longed to play with the curls of her velvety hair and the most brutal effect was his insensitivity towards the feeling of love. Tonight it was different, the aroma of his soul was sweet and his eyes were moist. The chain of thoughts, that right now was governing the extent of the depth of his past, had finally managed to make him realise about the wonderful and essential bond once he had with her.

As the evening decided to move closer towards the night, he sank more and more into the oasis of his thoughts. As the night was approaching, the room went on to hold more silence in it. Though the

traditional summers in Delhi had been hot and dazzling due to the fury of the sunlight in the day, yet at nights, as the temperature gradually dropped, the winds generated some cooling effect, especially in the areas which are densely covered by trees. The roads outside the window stayed clear and the intense golden lights of the park set fire on the leaves of the grass. Once he recovered from the ephemeral trauma, he looked at the clock and prepared himself to face the cruelty of the night. By breaking his own chain of thoughts, he became conscious of the atmosphere of the room. The room was warm inside and so was his heart. He speculated that she might have absolutely forgotten him, and so he dared not to indulge in anything which would destroy his peace of mind. The submissive demeanour of his temperament easily made him obey what the authority of his mind speculated. The happenings from the evening embarked his heart on a journey that definitely had no end. A lot of stuff was going inside his mind and heart and so he was in a dilemma that was making him incapable of choosing an appropriate notion in context to the situation he was facing. The controversy between the heart and the mind had never attempted to involve the individual into a fight with himself only, it had always looked forward in determining a logical as well as a graceful end. But he had put himself in a situation where the heart was dominating over the mind, which often occurs when the emotions of love show up suddenly after a long time because of a natural evening. However, he considered the idea of revisiting his love story once again for the sake of his heart.

“We can live for the heart for once as the heart lives for us till we live,” he may have thought.

He looked at the wall clock and adjusted himself in the chair. The clock showed half-past eleven. He left the chair and ambled towards the window to see the lifelessness of the night. But on the contrary, he saw the life in the street, soul in the trees of his garden, and felt the serenity of the moonlight. He pulled a book from the shelf named Love in the Times of Cholera. In a quick review of the book, he found himself deeply connected with it. As he moved further to read the book, it was twelve o'clock already. He sat down in restlessness and ambiguity along with the fear of being forgotten by her. The love that manifested the beauty of his heart was still young and versatile. It turned out to be true, furious, delicate, and romantic; all at different phases of his life. And tonight it turned out to be delicate and romantic. His heart insisted on the involvement of a lot of rigid enforcement of emotions that shall invite the words of his heart to come out and decorate the genuine emotions of his love for her.

He texted her on the mobile which said, “Happy Birthday to the most special person.”

Against the predictions which he had made came true. Instantly a reply came for the message which he sent just a few seconds ago.

It said, “Peter? Are you there?”

He didn't expect an immediate reply and so he was likely to be not prepared for one. However, he managed to give one.

“Always.”

“Thanks for the wishes but let me tell you, don't convey your wishes to a special person. I am no more a special person,” she texted back.

“Who took that possession away from you?” he sent.

“You Peter, you! While you left, you took away the sweetness of my soul, your holy look took away the bizarreness of my eyes, your cold hand touched mine and I lost the warmth of my breath. You said you drank my beauty and made my ages look thirsty, you stole me from the latter me. I will have to be against all the things which you did to me for I was such a sweet soul and you with just a smile, took away the sweetness of the sweetest soul ever.”

“But I find love in the words of your sparkling lips. I could figure out emotions on your sleeping face while your eyes hold the blue sky in it. I could harness your innocent fingers tracing the indistinct voices of my heart. I could as apparent, in the end, engage my heart in love with your soul, no matter your smile which I love the most may exist or not while this love of mine blossoms till eternity.”

“It wasn't 'mine', it was 'our' love.”

“That means I have lost our love.”

“You surely have.”

“Let's again play a game in which everyone loses,” he finally asked her for a second chance.

“You are again talking about love, Peter!” she sent him, clearly not in the mood of falling in love again.

The night grew darker and darker.

**SHASHWAT MISHRA  
BTECH, SECOND YEAR, IT**

# English

## *in liberal India*

Shortly after our independence, a controversy crept up on the issue of the justification of the continuity of the English language in our country. It was strongly advocated that with the end of the British Empire in India, the English language should also be banished from our motherland and that its continuity in our independent country would breed further slave mentality in our society. They further asserted that with the introduction of Hindi as our country's lingua franca, English would naturally wither away. There have been propagandists with 'English-phobia' who always incited people, since independence, to declare war on the advocates of the cause of retaining English in free India. Even some respectable leaders of our country did not hesitate to stoop down so low as to have dubbed the advocates of the cause of retaining the English language in India as drudges or stooges. This is a display of a narrow mentality. English language, as it stands today, is not the language of a particular country or a particular people. It has assumed worldwide significance in the 20th and 21st centuries. Now it is the language understood almost everywhere in the world. The English language serves as a link between India and the outside world. Not only today but in the past too, the great people of India like Swami Vivekananda, Rabindranath Tagore, Raja Ram Mohan Rai, Michael Madhusudan Dutt, Sarojini Naidu, etc. exalted and glorified

India's name and fame in distant countries of Europe and America by dint of their mastery in the English language. It may not be out of point to mention here that the Indian National Congress, during the days of our struggle for freedom, fought against the alien rulers through the English language. Even today in the current scenario of our country, it is this language, which has brought about an intellectual and cultural unification of the Indians living in the North, South, East, and West of our country. It is the greatest unifying link between the people of the diverse mother tongues of India.

The English language contains probably the richest treasure of literature in the modern world. Once Rabindranath Tagore said with pride, "I have no love for Englishmen who are out to exploit us. I have no liking for their outwardly glittering civilisation which is a mirage! If at all I love anything of the west, it is the English language with its galaxy of literary talents." English literature has had an impressive and dynamically creative impact on the Indian literary tradition. Tagore was deeply inspired by many English poets of the 19th century like Shelley, Wordsworth, and Keats. Bankim Chandra was profoundly influenced by Scott, Saran Chandra by Dickens. Even Michael Madhusudan Dutt who was highly influenced by the ancient Greek epics could read them through English translation only. Apart from its literary value,

the English language is almost indispensable for higher scientific and technological studies in the modern age. It must be remembered as an international or cosmopolitan outlook. No more we are to remain hedged and limited within the four walls of our own country. We have to evolve an international or cosmopolitan culture, a wider and broader horizon of human civilisation. Of course, anything associated with the Englishmen brings a bitter feeling to our hearts. The horror and cruelties they perpetrated against our people are still in our memory. Those exact thoughts have been creating prejudices in some minds and they have started evoking the sense of opposition to the English language which has absolutely nothing to do with British imperialism. Learning the English language, does not mean that we ought to involve a slave mentality. English, as a language, must be studied for its literary accomplishment. Here, quoting the words of our first Prime Minister Pt. Jawahar Lal Nehru when he said, "English language with its great task of the build-up of free India. It is no longer a language of a particular people or country. English can aptly be called a global lingua franca. We must get ourselves rightly benefitted by this universal language, which is a medium for the establishment of an international nurturant contact among the nations all over the world."

**SHATAKSHI SRIVASTAVA**  
**BTECH, THIRD YEAR, CSE**



# House of GOD

**I**t was a fine Sunday morning and 8-year-old Gokul, with a tiffin box in his hands, was on his way to a nearby 'House of God' called Mandir of his neighbourhood, tapping his little feet forward as fast as he could. From the beginning, Gokul was told that Mandir is a place where God lives. So, he used to call the place the 'House of God'. When he arrived at the place, he found that the place was locked and Panditji was nowhere to be found. His heart sank and now he felt deficient because it was very important to give the meal to Panditji and make sure he ate it. Actually, today was his grandpa's death anniversary and his mom had told him that today was the day his grandpa would get to eat a meal after a year and to make sure that he gets his meal of the year, they had to feed a man of God, who resides in the 'House of God'.

He felt dejected that if he fails to feed Panditji today, his grandpa would have to stay hungry for a whole another year. With sorrowful eyes, he was sitting on the steps when he heard someone speaking to himself that we can't see God, we must discover him. The 8-year-old felt a sudden rush in himself like something was

telling him to just keep going and not to give up and with uttermost resolve, he went on ahead to find another 'House of God'. Asking around, he got to know that there was a 'House of God' just nearby. He ran head over heels right towards the place.

When he reached there, that place felt a little different from usual. Its appearance was also divergent. It had many green clothing sheets wrapped all around it and many scriptures on the wall in a language he could not understand. He was scrutinizing the place when he saw a man blessing someone by chanting something like those mantras Panditji used to chant, that he never understood. He understood that this man was the Panditji there. But he looked different from the Panditji that he used to see at the Mandir near his house. Instead of wearing a white dhoti and an orange gamchha with thread around his waist, this man was wearing a kurta and a pyjama and had a big beard without a moustache, and instead of a red tika, his forehead had a fade black mark. Although he seemed different, for our 8-year-old Gokul, he was the man of God and what really mattered was to feed him so that his grandpa could

have his meal of the year. So, he went to this man and told him that he had brought this meal for him and told him to eat it to make sure that his grandpa gets his meal of the year. The man immediately understood that the kid had misunderstood this place and told him that this place is a Masjid, he is a Maulvi, and he should go to a Mandir to feed the Panditji as here Allah is worshipped and he, the Maulvi couldn't help him feed his grandpa. The kid asked if it was really important to feed the worshippers of Bhagwan because his mom had told him no matter what we call that almighty- Allah, Bhagwan, Waheguru, or anything else, he is all the same and if he is the same, then how can his worshippers be any different? Maulvi Sahab said that whatever may the matter be, he just couldn't help him. Gokul told him that he didn't know if Allah and Bhagwan are the same or not but he trusts his mom and even if they are different then would Allah not listen to him, if he wished to speak with him? Maulvi Sahab replied that of course, he would listen to him. The kid then said to him that if Allah is ready to listen to him then why is he, his worshipper not ready? Those words shook Maulvi Sahab to his core. He didn't know

what to say to that innocent kid. For the first time in his life, he truly understood what it meant to be a man of God. He was standing motionless when the 8-year-old told him to hurry up or else the food will get cold. Maulvi sahab smirked and asked, "What is in the meal, son?"

This incident notifies that the kid was innocent, so he definitely wouldn't have known the difference between a Mandir and Masjid or Panditji and Maulvi sahab, but the question here is if there really is a difference, to begin with. All that kid was searching for was a 'House of God', then does it really matter if it is a Mandir or a Masjid? He was tasked to feed a person who was in the service of God, then does it really matter if it is Pandit or a Maulvi? Our country is really an amazing and interesting gem in this modern-day world. Only here can one find a Muslim going out with his whole family to see those Ram-Leelas

or a Hindu going to eat biryani and sevai and celebrate Eid. It is a country where a Christian leaves the seat of Prime Minister for a Sikh and that Sikh takes the oath of the Prime Minister from a Muslim which is evident enough that our country is a secular state. Officially, in the 42nd amendment of the Indian Constitution which was enacted in 1976 during the emergency by the Indian National Congress government, under the leadership of the then Prime Minister of India, Smt. Indira Gandhi, the Preamble to the Constitution declared that India is a secular nation. But still somewhere, in some hearts there is a sense of insecurity, a sense of fear that celebrating others' festivals will harm their own, that understanding and accepting other cultures will jeopardise their own. Some even consider that the practice of secularism in our country is a way to appease minorities and to be honest, these feelings are all okay because after

all, these are the feelings that make us human. But it is only okay until it starts clouding our judgement. We have to understand that this nation belongs to each and every citizen of this country equally. It doesn't matter what religion they follow, what class they belong to, and even where their ancestors came from. We all are sons and daughters of this one true nation.

Being Indian should be our first religion and all other religions should come after that. We always see Mandir, Masjid, Church, and Gurudwara as 'Houses of God' but above all of them lies our nation and above everything else, this is our unparalleled base and truly the 'House of God'.

**HRITIK MOHAN  
BTECH, SECOND YEAR, CSE**

# The fire

And the fire leapt  
As high as the skies  
Burning to plunder, burning the pride  
And sitting by the burning house  
Was the culprit of the night.  
And sitting by the burning house  
Was the victim of the times.  
Locked inside the big old house  
They waited to be burnt  
The dwellers, they were happy  
For Judgment day had come.

And the burning smell  
Of kerosene sizzled up his nose  
With just a lighter and fuel for wood  
One could do so much  
He had not known.

Karma, he thought, was you know what  
He thought he'd known all along.  
But when all was said and all was done  
'No guilt' he said, 'None at all.'  
'Just shame that I burnt  
The wooden beauty to the ground.'  
( 'No not them, not them my friend,  
The house is what I recall  
When I think of the dead, the gone.' )

**ABHISHEK SINGH CHAUHAN**  
**BTECH, SECOND YEAR, EE**



# *The right* **moment**

Every drop of rain is like an ocean,  
making its way amidst thunder and commotion.  
She sheds tears as she leaves her peers,  
oblivious of her strength, she fears.

Will I die quenching thirst of barren land,  
or will I survive beneath the sand?  
Will my desires be burned by fires?  
Will I live like a cripple?  
In waters with no ripple.

The wind came chanting like an angel, told her,  
you are the song of the brimming river.  
And the blessing from the heaven pouring on the God's creation,  
like the life in the Dead sea or the waves of the ocean.  
Moment make them as pure as consecrated water,  
the blooming blossom and the lush green forests owe to you,  
For the beautiful morning as you become dew,  
so smile like the mirthful children waiting for you.  
The drop of rain wiped her tears,  
those words of wind were like music to her ears.

Finally, she reached her destination,  
as the drop landed in the ocean.  
Now she knows her potent,  
all it took to realise is just a moment.

**RADHIKA SRIVASTAVA**  
**BTECH, SECOND YEAR, ChE**

# Beauty flaws

Appreciate, do appreciate, the boldness of  
her confident marks

The fascinating scars on his iron built arms  
Maybe you know but most of you don't  
Each flaw has its own story

Appreciate, do appreciate the eyes which  
so boldheartedly convey

“Yes, I have traces of acid burns and not a face  
like you all, so what?

Yes, I have some extra curves and not a slimy  
frame, so what?

Yes, I lack maybe a leg, a hand, or a sense, so what?

Yes, I have a painted skin, a beautiful birthmark, so what?

Yes! I'm not at all like you but not at all different  
than you, so what?”

Appreciate, do appreciate, the nine months of pain  
in her holy womb

Sweat and his majesty's art

The uniqueness of their dancing soul

Ashes of the forgotten shame

Appreciate, do appreciate, the non-fake, non-counterfeit  
originality and acceptance

Celebration of the human diversity

Celebration of those beauty flaws.

**NAVRACHIT KULSHRESTHA  
BTECH, SECOND YEAR, CSE**





With the major advancement and ever-evolving technologies in the information technology sector in India, the demand for high-end coding and development skills is spontaneously growing in all multinational corporations. The flourishing coding culture in many Indian universities and colleges is no surprise but an effort to meet this escalating demand of the IT sector. The coding culture in our University started just a few years ago, and with no surprise, it bore fruits of high-package placements and that too in esteemed organizations. Motivated with these six-figure salaries and also pushed by a deep passion for coding, students took coding seriously and started maintaining good ratings and graphs on several national and international competitive programming platforms like CodeChef, Codeforces, HackerRank, etc. The conduction of multiple coding competitions in various University events like Matrix, Game of Codes, etc. has also promoted the expanding nature of this culture in the University. Software development aspects of programming have also evolved in our University. Praveen Ojha, a Malaviyan of the batch of 2020, has cracked GSoC'19, which is a very proud achievement for us. Although most of the campus visiting companies are startups and service-based, the recently evolved coding culture has become an attraction to draw various multinational companies.

This year also witnessed the beginning of the journey of the CodeChef MMMUT Chapter, which is a milestone in enhancing the coding culture in the University. This will bring in some amazing energy on the campus through events like programming contests hosted on CodeChef, workshops, guest lectures, and fest collaborations that promote programming and inspire the students. The activities involved will be DSA learning sessions/workshops, ICPC preparation, and programming contests.

Another masterstroke is the genesis of the Google Developer Student Club in the University. Developer Student Clubs are university-based community groups for students interested in Google developer technologies. Students from all undergraduate or graduate programs with an interest in growing as a developer are welcomed. By joining a DSC,

students grow their knowledge in a peer-to-peer learning environment and build solutions for local businesses and their communities. The main aim of the Club is to let students explore the fascinating technologies and services of Google, making the tools and technologies of Google available to them and also train them in them for their betterment. GDC has organized various events on the campus which include 30 Days of Google Cloud hosted by Google, which was an opportunity to kickstart one's career in the cloud and get hands-on practice on Google Cloud Platform – the tool that empowers apps like Google Search, Gmail, and Youtube. Along the way, students learnt computing, big data, and machine learning using the cloud. It was held between October 1, 2020 to October 31, 2020 and upon successful completion of the program, students got Google Cloud goodies and digital badges from Google itself.

Hacktoberfest MMMUT was brought by DigitalOcean in partnership with Dev and Intel. Students had to register and make 4 valid pull requests (PRs) between October 1, 2020 and October 31, 2020. The first 70,000 candidates who successfully completed the Hacktoberfest challenge (generation of 4 valid pull requests – invalidated if a maintainer of a repository marks it as spam) were eligible to receive goodies. Android Study Jam, organized for the purpose of learning Android development, was focused on the fundamentals of Kotlin programming language to become an Android developer. Android Study Jams are community-organized study groups for people to learn how to build Android apps in the Kotlin programming language, using the curriculum provided by Google.

The International Collegiate Programming Contest, known as the ICPC, is an annual multitiered competitive programming competition among the universities of the world. Considered as the 'Olympics of Programming Competitions', the contest witnessed massive participation from over 2,000 universities that are spread across 80 countries and six continents. Four teams from our University had successfully qualified to the regional onsite round last year. This year, given the circumstances of COVID-19, ICPC didn't organize its contest in India. Other online contests where the coding culture of our University focuses are Facebook Hacker Cup, Google CodeJam, and Google Kickstart. These are global-level online programming contests to test data structures and algorithm skills and also enhance problem-solving abilities so that students can ignite their creative mindset to solve major problems of the real world with their programming abilities.

The purpose of all the above-mentioned events and contests is to teach students the importance of coding and software development in the present era because we all are very well aware of the fact that the future solely depends on these technologies. They will not only contribute to the growing coding culture of the University but will also boost the influx of MNCs such as Google, Facebook, Apple, etc with their 'dream job' offers in campus placements.

# FEATHERS IN MALAVIYAN CAP

NUMBER OF STUDENTS WHO QUALIFIED OF WHO GATE

2020

212

5

STUDENTS GRABBED ALL INDIA RANKS IN TOP 1000s IN THE PRESTIGIOUS GATE EXAM

ALL INDIA RANK GRABBED BY ANKIT SINGH OF ELECTRONICS AND COMMUNICATIONS ENGINEERING BATCH OF 2019

261

3 STUDENTS MADE IT TO THE PRESTIGIOUS IIMs IN THE COUNTRY THROUGH COMMON ADMISSION TEST

2019



ANJALI MISHRA  
IIM-I



RISHIKA JAISWAL  
IIM-L



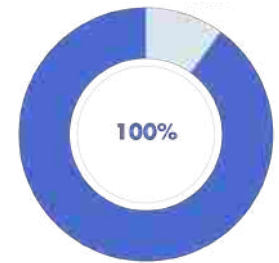
RISHABH TIWARI  
IIM-B

KANISHK PANDEY GOT RECRUITED AS SCIENTIST OFFICER AT BARC TRAINING SCHOOL IGCAR CAMPUS AT KALPAKKAM.



289

STUDENTS PLACED IN VARIOUS COMPANIES IN THE ACADEMIC SESSION 2019-20



>90%

STUDENTS ENROLLED IN COMPUTER SCIENCE AND ENGINEERING BRANCH WERE PLACED SUCCESSFULLY

HIGHEST PACKAGE OFFERED BY TECH GIANT MICROSOFT TO SHIVSHANKAR SINGH FROM CSE BATCH OF 2020



39 LPA

SECOND HIGHEST PACKAGE OFFERED BY D. E. SHAW INDIA PVT. LTD. TO KAUSHALESH SHUKLA FROM CSE BATCH OF 2020



35 LPA

THIRD HIGHEST PACKAGE OFFERED BY AMAZON INDIA TO ANSHIKA GUPTA FROM CSE BATCH OF 2020



30 LPA

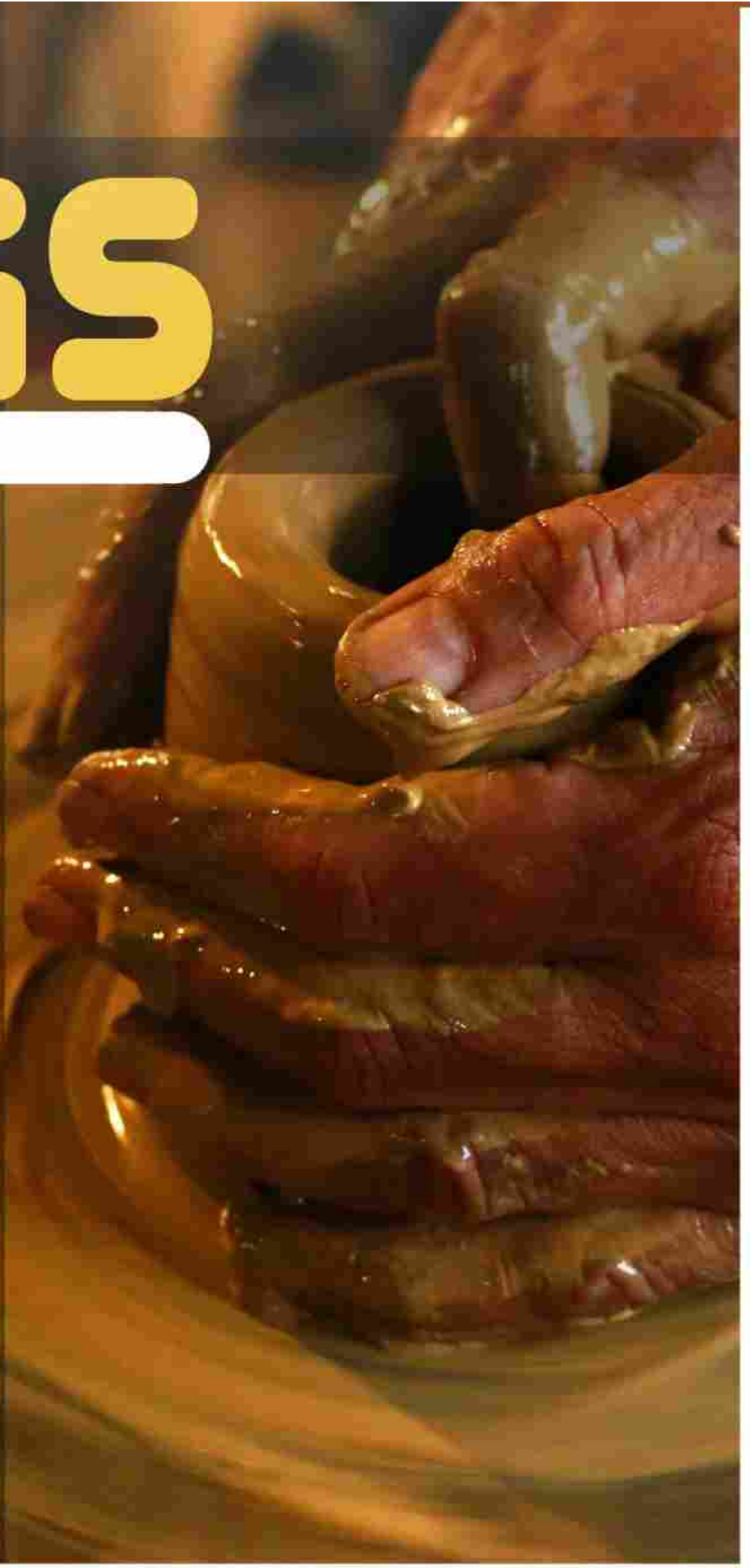
SECOND HIGHEST PACKAGE OFFERED BY THE D. E. SHAW GROUP TO SHUBHAM SRIVASTAVA FROM CSE BATCH OF 2020



35 LPA



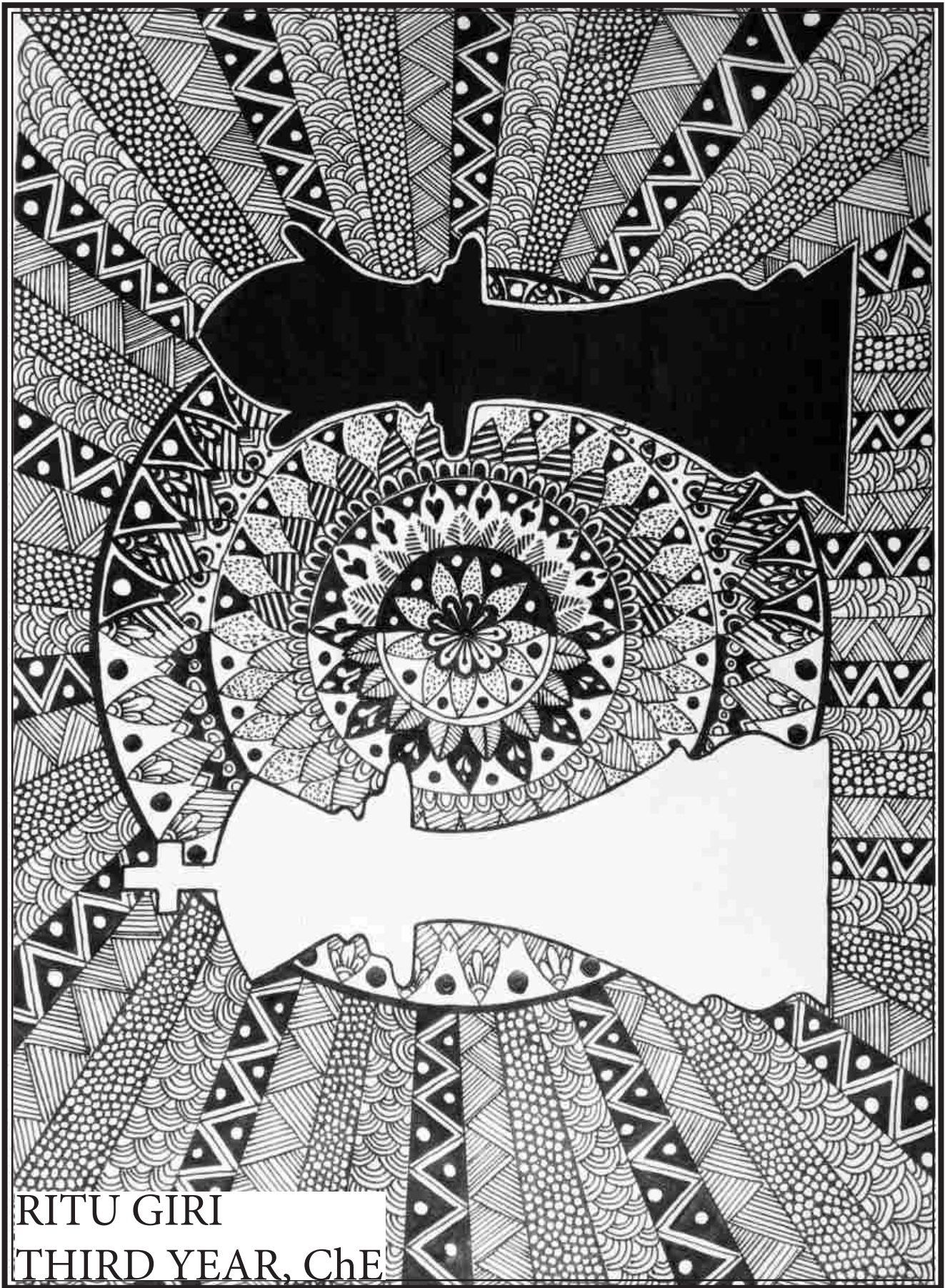
# CARVINGS



SHLOK VERMAN  
THIRD YEAR, EE







RITU GIRI  
THIRD YEAR, CHE



SANISHA PRAKASH  
THIRD YEAR, ME





SHREYA SUJAY  
THIRD YEAR, ME,  
KIET GROUP OF INST.





RIJUL TRIVEDI  
THIRD YEAR, ME

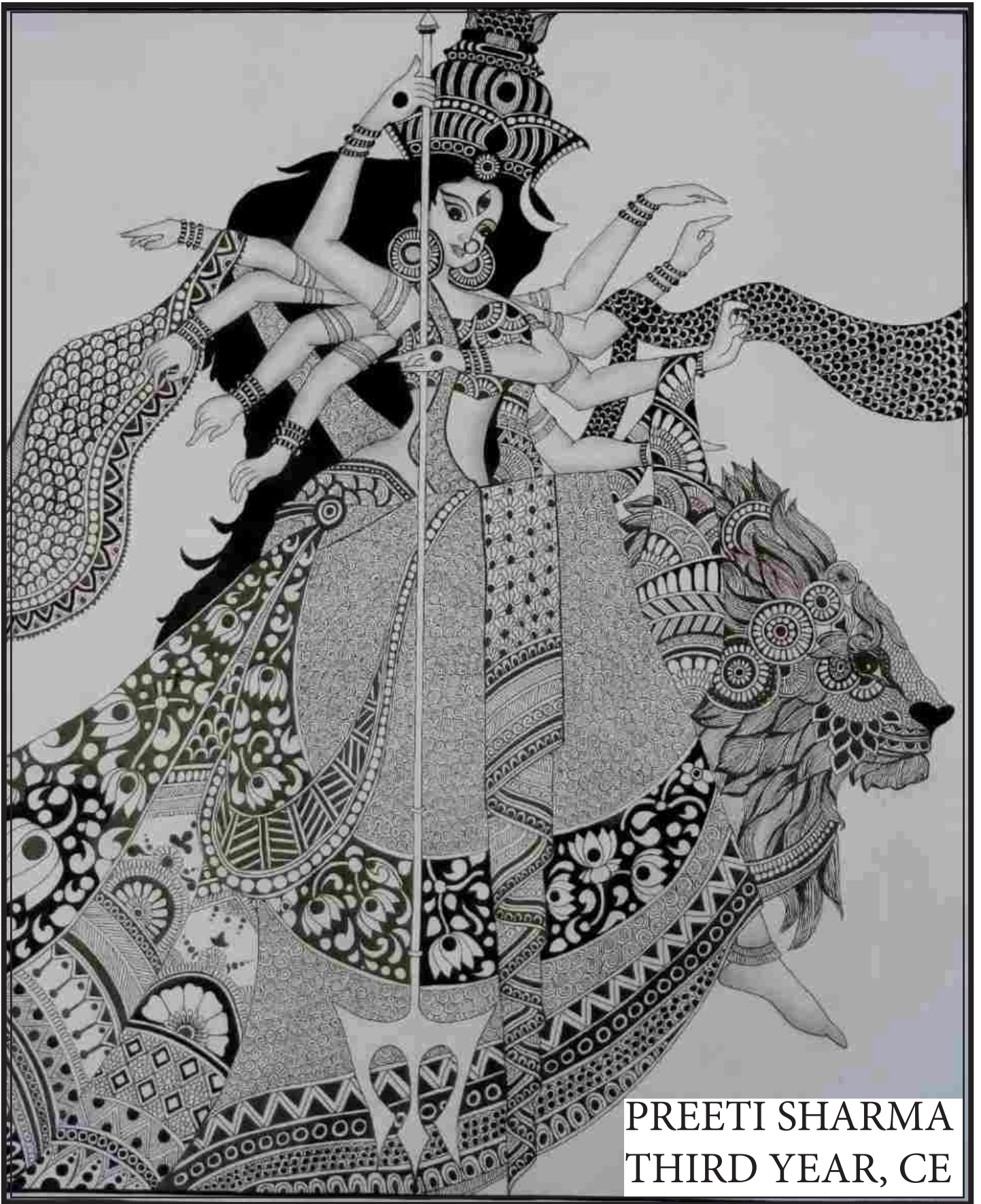




VAISHNAVI TRIPATHI  
SECOND YEAR, CSE

SHIVANGI AHIRWAR  
THIRD YEAR, ME





PREETI SHARMA  
THIRD YEAR, CE





SHIVANI SINGH  
SECOND YEAR, ChE



AVNISH ARYA  
THIRD YEAR, EE





SAURABH SONI  
SECOND YEAR, ECE





DEVANSHI GUPTA  
THIRD YEAR, CE





SIDDHARTH GUPTA  
SECOND YEAR, IT



RAPTOR 2.0, a team of 17 undergraduate engineering students participated in BAJA SAEINDIA 2020, a national level competition for engineering students organized by SAEINDIA and hosted by Mahindra where teams have to design, fabricate and validate an off-road vehicle. The team mainly consisted of students from the Mechanical Engineering department with the faculty advisor Assistant Professor Dheerendra Singh Sir. The members of the team were inducted through SAE Collegiate Club induction.

The teams were tasked to design, fabricate and validate a single-seater four-wheeled All-Terrain Vehicle (ATV) to participate in a series of events spread over the course of three days that test the vehicle for the sound engineering practices like the agility of the vehicle in terms of gradeability, speed, acceleration, maneuverability over all terrains, and finally its endurance. The evaluation process for the BAJA SAEINDIA is twofold and the teams have to clear the Virtual



Baja preliminary round before they start manufacturing their buggies for the main events. The teams need to build a simple All-Terrain Vehicle for recreational purposes, that is aesthetically and ergonomically sound while still being a durable machine in real-world scenario.

The preparation of the event started after the registration of team members and faculty advisor for SAEINDIA membership after which they were provided with unique IDs and were eligible to take part in the competition. The preparation started with brushing up the basics of automobile engineering to best apply knowledge and skills. This year, significant focus was given to overcoming the shortfalls of design in the previous year's vehicle. After that, designing and computer-aided analysis of the vehicle was done to ensure that it can make it through one of the roughest terrains without compromising the driver's safety. It was a challenging task as there were certain restraints imposed by BAJA SAEINDIA to make the competition fair enough. All the rules and regulations were given in the rulebook of the competition which was supposed to be considered by every team while designing the vehicle. Also, the teams were asked to make an overall project plan with real-world case scenarios to check the overall skills. The preparation ended with drafting a presentation of the overall performance of the vehicle. The first stage, Virtuals, of the competition was held in Chitkara University, Punjab on July 12 and July 13, 2019. This was an elimination round in which more than 400 teams from different institutions all across the country had taken part. The event started after the online first phase registration of teams on the portal provided by the organisers. In this particular event, the teams were asked to reach the event location one day before the main event. For the accommodation of the team and faculty advisor, the rooms were allotted in the hostel of Chitkara University itself. In this event, five members from each team had to represent their institution and based on the presentation given by them, the judges allotted marks on numerous judgement criteria. Afterwards, the final results were declared in which Raptor 2.0 secured 33rd position all over India with an aggregate score of 151.4 out of 200.

The second and final stage, Dynamics, of the competition was held in Chitkara University, Punjab from March 5, 2020 to March 8, 2020. The preparation commenced with the second phase online registration of teams on the provided portal just after the declaration of Virtuals results in which about 150 teams qualified. After registration, the team started fabricating the vehicle in the Mechanical workshop simultaneously preparing for other dynamic and static events. Fabrication of the vehicle was the most challenging task of the whole competition as it takes a lot of human effort keeping in mind all the restraints imposed by the rulebook. After fabrication, the whole team with the faculty advisor was required to be present at the event location one day before the main event.

The first two days of the main event comprised the technical inspection of the vehicle in which the team successfully cleared all the necessary requirements. In technical inspection, a technical team of judges meticulously checks whether all the rules and regulations in fabricating the vehicle are followed. The third day of the main event consisted of a dynamic test in which the performance of the vehicle is checked based on which it is marked fit or unfit for participating in the ultimate endurance race. Due to a failure in the braking system of the vehicle, Raptor 2.0 wasn't able to make it to the endurance race held on the fourth and the final day of the event. During these three days, other static events were also going on simultaneously in which the team secured the 5th position in the sales presentation and the 12th position in the design evaluation.

# प्रवाह



# बसंत का पतझड़

जीवन के गतिशील चक्र को ऊर्जावान बनाने और संपूर्ण प्राणियों को सकारात्मक भावों से परिपूर्ण करने के लिए ही बसंत ऋतु का आगमन होता है। पतझड़ के बाद पेड़-पौधों पर नयी कोंपलें मीठी सुगंध और भिन्न रंगों से पृथ्वी का श्रृंगार करती हैं। समय चक्र सबसे बड़ा गुरु होता है। हम सभी इसके अधीन हैं। मानव की सफलता की कहानी उस बसंत की तरह है जिसके स्मरण मात्र से ही मन प्रफुल्लित हो उठता है। परंतु आज के समय में मनुष्यों ने अपने बुरे कर्मों से सिर्फ पतझड़ को संजोया है। आज हम संविधान को दरकिनार कर उस राह पर चल दिए हैं, जिस पर सिर्फ राजनीतिक महत्वाकांक्षाओं के लिए हम अपने राष्ट्रध्वज का सम्मान करना भी भूल गए हैं।

बीते माह गणतंत्र दिवस पर जो कुछ भी हुआ, उसने हमारे गौरवमयी इतिहास को कलंकित किया है। यह घटना एक अनुत्तरित प्रश्न की तरह इतिहास में दफन हो गयी है। एक आंदोलन के नाम पर राष्ट्रध्वज और राष्ट्रीय नीति का इतने बुरे तरीके से विरोध करना निंदनीय है। अपने देश में सामाजिक आंदोलनों की गौरवशाली परंपरा रही है। अगर इसी प्रकार आंदोलनों का संचालन हुआ तो सामाजिक आंदोलनों से जनता की आस्था खत्म हो जाएगी। राजनीतिक दलों द्वारा हाईजैक होने से आंदोलनों की धार कुंद हो जाती है। सामाजिक आंदोलनों का लोकतंत्र में सदैव स्वागत किया जाता है, लेकिन उन्हें भारतीय लोकतंत्र को बंधक बनाने की इजाजत नहीं दी जा सकती। किसान आंदोलन ने लोकतंत्र को बंधक ही नहीं बनाया अपितु उसे शर्मसार कर उस पर एक धब्बा भी लगाया है।

गणतंत्र दिवस पर लाल किले पर जो हिंसा हुई और जिस प्रकार राष्ट्रध्वज का अपमान हुआ, वह दुर्भाग्यपूर्ण था। इससे भी दुर्भाग्यपूर्ण बात यह है कि संकीर्ण राजनीतिक कारणों से कुछ लोग इस घटना की गंभीरता को समझने से इंकार करने के साथ ही किसानों को उकसाने में भी लगे हुए हैं। कहते हैं कि बातचीत से हर समस्या का हल निकाला जा सकता है। परंतु बातचीत में किसी एक पक्ष का नरमी से परिचय देना और दूसरे पक्ष का अपनी मांगों पर अडिग रहना, समस्या के हल में बाधा उत्पन्न करता है।

आज जिन कृषि कानूनों का विरोध हो रहा है, सरकार उनमें संशोधन करने, उनकी समीक्षा कराने और उन्हें डेढ़ साल तक रोकने के लिए भी तैयार है लेकिन किसान नेता उनकी वापसी की ज़िद पकड़े हुए हैं। यह कुछ और नहीं बल्कि सरकार की नाक रगड़ कर अपनी बात मनवाने वाला रवैया है। अगर आज राजनीतिक दलों के द्वारा किसान नेताओं के मन में राष्ट्र विरोधी बीज बोया जा रहा है, तो यह निश्चित है कि कल हमें अनेक आंदोलनकारी फसलें उगी हुई मिलेंगी।

हमारे देश में जैसे ही वैक्सीन बनी, उसे हमने विश्व के बाकी देशों को भी दिया। हम 'सर्वे भवन्तु सुखिनः' और 'सर्वे सन्तु निरामयाः' के दृष्टिकोण से कार्य करते हैं। हमने हमेशा से ही दूसरे देशों के साथ मैत्री संबंध को मजबूत किया है और शांतिप्रिय राष्ट्र की तरह अपना विकास किया है। हमारी नीति ही 'वसुधैव कुटुम्बकम्' की रही है। हमारे भारतवर्ष का गुणगान पूरा विश्व करता है। किंतु आज कुछ ऐसे लोगों का समूह हमारे देश में बैठा है जिसने संविधान को अपनी ढाल बना कर राष्ट्र विरोधी नीतियों का संचालन करना शुरू कर दिया है। ऐसे लोगों को समझना चाहिए कि राष्ट्र के अपमान से उनका उत्थान नहीं होने वाला क्योंकि आज भी ऐसे बहुत से लोग हैं जो भारतमाता के लिए अपना तन, मन और धन न्योछावर करने को तैयार हैं। आज जब संपूर्ण विश्व भारत का गुणगान गाते नहीं थक रहा, वहीं हमें अपने ही देश के कुछ संकुचित मानसिकता के लोगों द्वारा राष्ट्रध्वज का अपमान होते देखना पड़ रहा है। हम सभी ने जीवन में जो यह कष्टकारी पतझड़ देखा है, इससे हम सभी का मन दुःखी हुआ है। परंतु हमारे मन में अटूट विश्वास है कि उषा रूपी किरण से कल फिर ये संसार लालिमा और सुगंध से पूर्ण होगा और हम हमेशा की तरह अपने राष्ट्रध्वज को फहरता देख उस बसंत के आनंद में फिर से झूम उठेंगे।

- प्रत्युष मिश्रा  
बीटेक तृतीय वर्ष  
यांत्रिक अभियंत्रण विभाग



# विचार

विचार किसी व्यक्ति के व्यक्तित्व की कुंजी होता है। यदि हम किसी के चरित्र का अनुमान लगाना चाहते हैं तो हमें उसके विचार पर विचार करना चाहिए। विचार किसी साधारण मनुष्य को महात्मा भी बना सकता है और किसी अत्यंत धनवान और प्रभुता संपन्न व्यक्ति को कठिनाइयों के गर्त में भी गिरा सकता है। किसी भी घटना के प्रति स्वयं के नजरिये को प्रस्तुत करना ही विचार कहलाता है।

विचार दो प्रकार के हो सकते हैं - सकारात्मक विचार और नकारात्मक विचार। जब कोई घटना हमारे अनुकूल होती है तो हमारे मन में उस घटना को लेकर सकारात्मक विचार और जब कोई घटना हमारे प्रतिकूल होती है तो उस घटना के प्रति हमारे मन में नकारात्मक विचार आते हैं। विचार किसी भी मनुष्य द्वारा उसके जीवन में घटित घटनाओं के आधार पर दिए जाते हैं। इसलिए किसी एक घटना के लिए अलग-अलग लोगों के विचार अलग-अलग हो सकते हैं। बिल्ली के द्वारा रास्ता काटे जाने पर लोगों के विचार अलग-अलग होते हैं। आधुनिक समय में व्यक्ति का विकास उसके विचार पर ज्यादा निर्भर करता है क्योंकि यही विचार आगे चलकर दृढ़ संकल्प बन जाता है। यदि किसी व्यक्ति के विचार अच्छे हैं, तो वह महात्मा गांधी, राजा राममोहन राय, विवेकानंद की श्रेणी में आ जाता है। और यदि किसी व्यक्ति के विचार बुरे हैं तो उसका दयनीय पतन भी हो सकता है। यदि आज के इस युग में कोई व्यक्ति केवल यह विचार करे कि वह परिश्रम नहीं करेगा और सफलता उसको मिल जाएगी तो यह एक भ्रांति का विचार है। हिन्दुओं के प्रिय देवता भगवान श्री कृष्ण ने भी श्रीमद्भगवद्गीता में इस विचार की आलोचना की है। हमें अपने विचारों को परिवर्तित करते रहना चाहिए और इसके लिए हमें अपने मन को एक दर्पण की भांति बनाना होगा। इसका अर्थ यह है कि किसी भी व्यक्ति के प्रति हमारे विचार निश्चित नहीं होने चाहिए। वास्तव में देखा जाए तो इस संसार में कोई दूसरा है ही नहीं क्योंकि इस चलते-फिरते शरीर में बसने वाली आत्मा का एक ही स्रोत है। हम लोग तो केवल गिनती मात्र हैं। भगवान गौतम बुद्ध ने भी कहा था कि हमें स्वयं को शून्य मानना चाहिए। हमें अपनी तुलना किसी से भी नहीं करनी चाहिए। हम स्वतंत्र हैं, ये दुनिया हमारे शरीर को सजा दे सकती है, बदनाम कर सकती है लेकिन हमें नहीं। लेकिन हम इतना ज़रूर कह सकते हैं कि विचार ही हमें कार्य करने की प्रेरणा देता है। अंग्रेजों का हम भारतीयों पर २०० वर्षों तक शासन और हम भारतीयों की उन पर विजय केवल एक विचार की देन है। सन १९३९ से लेकर १९४५ तक घटित द्वितीय विश्वयुद्ध हिटलर के एक 'विचार' की देन है। भारतीय संविधान के अनुच्छेद १२ से ३५ तक देश के नागरिकों को अनेक अधिकार प्रदान किये गए हैं। अनुच्छेद १९ ग में विचारों की अभिव्यक्ति की स्वतंत्रता दी गई है। अतः विचारों की भूमिका बहुत ही महत्वपूर्ण होती है। विचारों पर ही किसी व्यक्ति, समाज, राज्य व राष्ट्र का विकास निर्भर करता है। इसलिए यह आवश्यक है कि अच्छे विचारों के चिंतन-मनन द्वारा परिष्कृत अवधारणा विकसित हो और आने वाले समाज को भेंट स्वरूप प्राप्त हो। अच्छा-बुरा कुछ नहीं होता, केवल विचार ही हमें अच्छा और बुरा बनाते हैं।

- स्नेहिल  
बीटेक तृतीय वर्ष  
जनपदीय अभियंत्रण विभाग

# लाडली

एक लाडली थी मेरी  
हाथ छुड़ाकर चली गयी  
अंत का उद्घोष किया  
आगाह किया  
“बस कुछ न बोलना”  
ज्यों रूठी वो तो  
किस्मत रूठी

परेशां हूँ  
तन्हा हूँ

वो लाडली है मेरी  
बातें उसकी रज़ा रब की  
जुबां खामोश  
और मैं  
चुप हूँ।

- डॉ. सुधीर नारायण सिंह  
सह-आचार्य एवं प्रमुख,  
मानविकी व प्रबंध विज्ञान विभाग

# साथी

ये रात मुझे पाती है  
मेरे सबसे भेद, सबसे दुखद क्षणों में  
मेरे सबसे कीमती, सबसे स्वतंत्र समय में  
और बैठ जाती है मेरे बगल  
एक दोस्त की तरह  
जो बहुत करीब होते हुए भी  
ज़्यादा मिलता नहीं  
मेरे सामने बैठ कर पूछती है  
कहो कैसे हो यार  
एक तंद्रालस सपने की तरह  
आधी नींद में कहीं  
उगल देता हूँ मैं  
वो चीज़े भी जो शायद  
कोई सुनना ना चाहे  
सब सुनती है वो बड़े ध्यान से  
और सबसे अच्छी बात तो यह है  
कि वह विभेद नहीं करती  
मुझमें और बाकी सब में  
मेरी गलतियाँ, मेरी अभिलाषा, मेरा आत्मसंदेह  
बड़े चाव से सुनती है और  
अंत में पीठ थपथपा कर  
सांत्वना देती है अपनी और  
फिर आने का वादा करती है  
उस पर भरोसा है मुझे  
कि वो नहीं बताएगी  
ये पागल कर देने वाले किस्से  
किसी और शख्स को  
और ऐसा इसलिए क्योंकि  
आज तक उसने अपना  
वापस आने का वादा नहीं तोड़ा।

- शाश्वत रस्तोगी  
बीटेक द्वितीय वर्ष  
विद्युत् कण अभियंत्रण विभाग



# ये ज़िन्दगी थोड़ी अलग है

कभी धूल उड़ती गर्मों की आंधी  
अगले ही पल खुशनुमा चाँद की झलक है,  
कभी आसमां कभी समुद्र में गोते लगाती  
ये ज़िन्दगी थोड़ी अलग है।

कभी खुद निराशा की चादर ओढ़कर  
अँधेरी रातों सी हमें डराती है,  
तो कभी खुद को शीशे में देखते  
किसी अबोध बच्चे-सी खेलखिलाती है।  
दूसरों के लिए खुद को कुर्बान कर देती है  
पर खुद को ही ठगने वाली ठग है,  
अच्छे-बुरे की बात बताती  
ये ज़िन्दगी थोड़ी अलग है।

किसी का सालों तक साथ निभाती है  
तो किसी का साथ पल भर में छोड़ जाती है,  
पर अगर साथ दे सालों तक  
तो जीने का मतलब बताती है।  
एक पंख घायल होने पर भी  
दूसरे पंख से उड़ने वाला विहग है,  
काटों के बीच रह मुस्कराने वाली  
ये ज़िन्दगी थोड़ी अलग है।

कहीं विहवल पानी-सी बहती रहती  
तो कहीं रेत-सी बिखर जाती है,  
तुम ठीक से वक़्त देकर तो देखो  
कीचड़ के बीच कमल-सी निखर जाती है।  
भीड़ में खुद को साबित करने को  
हमेशा होती बेहद सजग है,  
खुद के लिए सुनहरे ख़्वाब सजाती  
ये ज़िन्दगी थोड़ी अलग है।

- दिव्यांश श्रीवास्तव  
बीटेक द्वितीय वर्ष  
विद्युत् अभियंत्रण विभाग

# कलियुग का महाभारत

कैसी कड़ी में बंध गए कि  
आज भी मुँह खोले नहीं,  
मौन थे हम बरसों से  
हम आज भी मुँह खोले नहीं।

कौन कहता है अब यहाँ  
धृतराष्ट्र राज नहीं करते,  
दुर्योधनों दुःशासनों से नीच  
अब यहाँ पलते नहीं।

लेकिन सच तो यह है कि  
अब कोई विदुर नहीं मिलते,  
जो पूछ ले सिंहासनों से कि  
ये द्यूत क्यों रुकते नहीं।

कोई कह दे कि पितामह भीष्म  
आज तो मुँह खोलेंगे,  
द्रुपद सुताओं की आन के लिए  
वो कालजयी आज मौन को तोड़ेंगे।

लेकिन क्या गज़ब तो अब भी है  
कि जब भी हम रण में खुद को पाते हैं,  
तो आज भी दुर्योधनों के खेमे में ही  
वे पितामह भीष्म पाए जाते हैं।

- आनंद कुमार सिंह  
बीटेक तृतीय वर्ष  
विद्युत् कण अभियंत्रण विभाग  
के. आई. ई. टी. ग्रुप ऑफ़ इंस्टीट्यूशन्स

# कसूर मेरा?

खता क्या थी मेरी इतना बता दो।  
जीन्स पहनना गलत था,  
तो साड़ी पहना दो।

अगर शाम का वक़्त गलत था,  
कोई शुभ मुहूर्त ही बता दो।

क्या गलती थी मेरे धर्म की,  
तो कोई और धर्म ही थमा दो।

बता दो वो कौन सा वक़्त है,  
जब उसकी नज़रो में हैवान नहीं बसता है,  
वो कौन सा वक़्त है जब वो मुझे अपनी बहन-सा समझता है।

अगर नज़र उठा कर चलना गलत था,  
तो कहो नज़र ही झुका दूँ।

क्योंकि अगर समाज न बदला,  
तो कहो तो खुद को ही बदल डालूँ।

अगर ये रुक सके तो रोक दो,  
अगर इस पराई बेटी से प्यार है,  
तो क्यों न बंद फाइलों को खोल दो।  
इंसाफ मुझे ही नहीं उन हज़ारो को दिलाना है,  
सिर्फ एक केस नहीं पूरी न्याय प्रणाली को हिलाना है।

- शिवांगी गुप्ता  
बीटेक तृतीय वर्ष  
विद्युत् कण अभियंत्रण विभाग  
के. आई. ई. टी. ग्रुप ऑफ़ इंस्टीट्यूट्स



# शून्य

शून्य में समावेश है सार इस ब्रह्माण्ड का,  
सृजन का उद्गम शून्य है एवं विलय संसार का,  
हर क्षण में है, कण-कण में है, सर्वत्र है वो शून्य है,  
जो रिक्त है, अतिरिक्त है, जो कुछ नहीं वो शून्य है।

सूर्य के प्रकाश में अप्रत्यक्ष है वो शून्य है,  
नश्वर मनुष्य भयभीत जिससे वो शाश्वत अंधेरा शून्य है,  
जीवन का प्रजनक शून्य है, सुख रूपी मिथ्या शून्य है,  
है शून्य प्रत्यय मृत्यु का, जो सत्य है वो शून्य है।

योग की पराकाष्ठा, स्वयं का बोध शून्य है,  
है ज्ञान तीनों लोक का, अज्ञानता भी शून्य है,  
पाप पुण्य से परे, है कल्पना जो शून्य है,  
है स्वर्ग की परिकल्पना, यम यातना भी शून्य है।

धर्म व अधर्म की स्थापना भी शून्य है,  
प्रेम, कष्ट, मोह, लोभ, भावना भी शून्य है,  
जो प्राप्त है वो भ्रम है शून्य, शून्य ही पर्याप्त है,  
जो दिख रहा वो है नहीं, कुछ है तो शून्य व्याप्त है।

काल के आरंभ में जब कुछ ना था तब शून्य था,  
काल जब होगा नहीं तब जो बचेगा शून्य है,  
इन्द्रियों को साधकर जो प्राप्त होगा शून्य है,  
साधना में देह का जीवंत मृत्यु शून्य है।

है शून्य निर्मम कालचक्र, मुक्तिबोध शून्य है,  
नेत्र का अश्रु है शून्य, बहता रक्त शून्य है,  
प्रकृति का सौंदर्य है, वीभत्स रूप शून्य है,  
आरंभ सबका शून्य है, सबका अंत शून्य है।  
आरंभ सबका शून्य है, सबका अंत शून्य है।

- अभिषेक तिवारी  
बीटेक तृतीय वर्ष  
विद्युत् कण अभियंत्रण विभाग

# माँ

जन्म दिया, पाला-पोसा,  
वो जीना सिखलाई है  
लिखती हूँ कुछ उनके ऊपर  
हम जिनकी परछाई हैं।  
जब बारी खाने की आती,  
वो खद को अंतिम रखती है,  
हैं परीक्षा मेरी चलती  
वो रात-रात भर जगती हैं।  
जब निकलता मैं घर से बाहर,  
एक फोन ना उसका उठ पाता,  
घर पहुँचते बोले वो मुझसे  
बेटा तू खा के जाता।  
मुसीबत मुझपर जब भी आती  
वो मुझको समझाती है,  
ऐ माँ ये ज्ञान का भंडार  
तू कहाँ से लाती है?  
हर कोई व्यस्त कामों में अपने,  
एक-दूसरे से ना मिल पाते,  
एक वक़्त है खाने पर जब  
सब माँ तेरे कारण मुस्काते।  
जब पिता का हाथ उठता  
वो बीच में आ जाती है,  
डॉट पड़ती जब मुझे  
वो मेरा पक्ष समझाती है।  
ना कोई सीमा ना कोई बंधन  
बस प्यार अपरम्पार है,  
ऐ मेरी माता बता  
तू अल्लाह है या भगवान है?

- ऋषिता सिंह  
बीटेक द्वितीय वर्ष  
जनपदीय अभियंत्रण विभाग  
(यह वाग्मिता की विजेता प्रविष्टि है।)

# स्वप्न भारत भूमि का

नव विचार, नव संस्कार,  
हर ओर नवाचार का डंका हो,  
वनस्थली से प्यार, चहुंओर विकास,  
हर मन में स्वराज बसता हो,  
बापू तेरा ये सपना, आज अपनों से धराशायी है।

हर ओर बापू गुणगान तेरा, आदर्शों पर पर्दा डाल रहा,  
हर बार तेरी फोटो के आगे, बिक रहा सम्मान देश का,  
शर्म है मझको इस देश ने तेरे जैसा बलिदानी भुला दिया,  
तस्वीरो में याद रखा, पर तासीरों को भुला दिया,  
'धर्म, अहिंसा, मानवता' को भूल गया ये देश,  
बापू तेरा हर सपना अब भूल गया ये देश।

बापू सब भूल गये हैं कितनों का खून बहा था तब,  
हँसते-हँसते फांसी चूमी, बस एक सपने की खातिर,  
'इंकलाब' का नारा दे भगत शहीदों में शमार हुआ,  
अखण्ड भारत के खातिर आज़ाद ने खुद को राख किया,  
कई बलिदानी फ़ना हो गये भारत की इस मिट्टी पर,  
सबसे ऊपर देश कर गये वीर बहादुर मृत्यु पर।

याद हमें रखना ही होगा इन सबकी कुर्बानी को,  
भूले तो घुट जायेंगे फिर स्वाधीनता पाने को,  
मैं संकेल्पित, प्रण लेता हूँ और तुमसे भी ये आशा है,  
भ्रष्ट तंत्र व बेईमानी को जड़ से नाश करूँगा मैं,  
बापू के भारत का सपना अब साकार करूँगा मैं।

- जय कुमार  
बीटेक तृतीय वर्ष  
यांत्रिक अभियंत्रण विभाग





# ABHYUDAYA



# AAYAS



# CAMPUS DIARIES

# INNOWIZION



# CULTURAL SYNOD

## - *Imagination at work*

Cultural Synod is the cultural society of the University. It is an amalgamation of various subunits that cooperate among themselves and work productively as the Cultural Synod. It shells the Dance Club, Music Club, Fine Arts Club, Dramatics Club, and Technical, Designing and Photography Club. It is an all-student body whose main objective is to conduct all the cultural events that come under the University curriculum.

Cultural Synod conducts events throughout the year. The calendar started with **Heats** - the two-day mega audition event of dancing, singing, dramatics, and fine arts - intensively conducted for filtering out the talents from the crowd of many. **Pillar painting**, the event that compelled participants to wing their imagination by holding on to the brushes, gave them a chance to paint out their expressions on campus pillars. Afterwards, **The Savage Commentator** was conducted, in which participants had to compete with each other with their prompt replies and utmost savage comments. Cultural Synod started the **Malviyan Army campaign** with #MaiBhiFauji to encourage Indian products so that we may not lag in the long run.

Though this situation of pandemic restricted us from conducting offline events, Cultural Synod succeeded in presenting a good example of work from home. A short video on the occasion of Global Handwashing Day was created by the team as an initiative to spread awareness towards this unquestionable requirement. A melodious message of 'Unity is our identity' was given by a video on National Unity Day. An anti-fake news anthem 'Oops! I Shared it Again' was created to make people aware of the harms caused by the spread of fake news. A live webinar was conducted to make people acquainted with how music can be the best companion of our life. This webinar was directed by the brand manager of India's biggest musical instrument company, Casio. A short video educating people about human rights was made by the team on this International Human Rights Day.

Cultural Synod also conducted **Abhyudaya** (the four-day grand art, literary and cultural fest of the University) in collaboration with The Editorial Board, Flash mob (an open group performance from the members of Cultural Synod amidst the public), Alumni Meet, Foundation day program and Teacher's Day program. There is no denial of the active perennial involvement of the Cultural Synod either in one event or the other.



# THE SOCIAL ENGINEERS' BOARD

- *Grooming personality*

“The best way to find yourself is to lose yourself in the service of others.”

- Mahatma Gandhi

Set up in the year 2013, The Social Engineers' Board (SEB) comes under the technical sub-council of the Council of Student Activities (CSA) of the University. The Board's faculty advisor is Mr. Gagandeep Bharti (Assistant Professor, Electronics and Communication Engineering Department).

The Social Engineers' Board assumes a compelling part in coaching the youth minds of the University with its events that go on throughout the year and meetings which help in their general character advancement. The annual calendar of 2019-2020 began with the career counseling session Drishyaa followed by the event Dhishan and ended with the event Paravartan.

The career counseling session, **Drishyaa**, was held in the odd semester. It principally centred around acquainting the green beans with all the conceivable career options so they can make an informed choice regarding the way to pick after these four scholarly years.

**Dhishan**, held towards the end of October, pointed towards recognizing and improving the comprehensive abilities of the students through quantitative inclination test, sound and visual round, and finally 'The Parliamentary Debate', which was a model of the Indian Parliament. The students represented the thoughts of political pioneers in a political scenario.

The board organized a **blood donation camp** in the month of March. Many students and faculties of the University came forward for this noble cause and voluntarily donated their blood, making this blood donation camp a grand success.

**Paravartan**, the last event held in the mid-even semester, focused on disclosing the creativity of the participants through two interesting rounds. The first round, Pratibimb, was regarding story writing. The final and most sought-after round was Rangmanch, where the participants displayed their imagination through a skit within the stipulated time. The Social Engineers' Board helped the green beans of the 2019-20 cohort in instilling social qualities in them and taught them to undertake similar endeavours to do likewise for the rookies in the coming years.





# COMPUTER ENGINEERING SOCIETY

Computer Engineering Society has been functioning since 1993 with the collective efforts of a group of B.Tech. students who have a strong urge to complement the theoretical and practical knowledge imparted in the classroom and laboratory, with emphasis on the overall personality development of budding engineering graduates. From a humble beginning, the society has grown to its utmost strength in terms of the students as well as the teachers involved and is one of the most active and popular technical societies on the campus. The society can proudly boast of having committed members.

Computer Engineering Society organised a number of events in the session 2019-20 for the benefit of the freshmen and the sophomores, under the guidance of Head of Department (Computer Science and Engineering), Prof. P. K. Singh sir, faculties and CES chairman Anurag Yadav.

The session began with **Capture the Flag** which was focused on different information security issues, and their process. Hence, it provided an insight into data handling of different formats using different tools. CTF had a couple of tasks in a range of categories that reveal clues that guided them to solve specific questions related to web, forensic, crypto, binary, etc.

**Matrix:** This event was organised in the odd semester with the objective to provide a platform for the students to showcase their talent and accelerate their speed of innovation with a competitive spirit.

Matrix was composed of three sub-events namely:

1. **Codigo:** It was a coding event in which Round 1 was a basic C Quiz and Round 2 was a coding round, consisting of problem-solving-type questions. It was conducted in ITRC.

2. **Game of Codes:** Another coding event designed for second, third, and final year students, it included questions from data structures and problem-solving domains.

3. **Chakravyuh:** It was a game event in which there were two types of Chakravyuh - one for freshmen and another for second, third, and final year students.

**IPTS** was held in the month of January with the motive to enhance the coding skills of the freshmen and sharpening their brains by building good programming logic and a number of events under Ennexus helped the students to develop their skills and get ready for the professional world. It consisted of a demo round to introduce them to the pattern of questions.

The end of the session was marked by **Ennexus**. This event was also the combination of various sub-events like Capture the Flag, IPTS, etc. The event was open for other colleges and universities as well. Overall, the Computer Engineering Society did a great job in exhibiting the genius minds of our university and also assisted the freshmen of the 2019-20 batch in finding their areas of interest and developing their technical skills and strives to do the same for the freshmen in the coming years.



# IChE

## STUDENT CHAPTER

IChE Student Chapter, MMMUT is the student branch of IChE. The Indian Institute of Chemical Engineers (IChE) is the professional body for Chemical Engineers in India. IChE Student Chapter, MMMUT aims to provide the students with an opportunity to enrich their knowledge concerning a diverse range of domains, inculcating a sense of responsibility and enriching their potential.

The activities conducted are in the year 2020-21 are:

An **expert talk** was conducted on February 24, 2020 by Dr. R. R. Sonde, Vice President Thermax Limited, and Prof. I. M. Mishra, ISM Dhanbad in the department of Chemical Engineering.

An **expert talk** was conducted on March 05 by Ms. Zuby Ahmed (L&D Head, Yash Pakka) and Ms. Kajal (Fiber Head, Yash Pakka) which emphasised industrial exposure to the final year students of the Chemical Engineering Department.

**Chemisch'Graphy:** Started on March 28, 2020, in this event students had to click a photo of any chemical phenomenon around them and describe the phenomenon in a short paragraph.

**Online Quiz:** A quiz competition was conducted on May 18, 2020 to test their knowledge in the field of Chemistry.

**International Webinar on 'New Horizons in Sustainable Development':**

With keynote speakers from around the world, this webinar was conducted on May 23, 2020. The keynote speakers of the webinar were Dr. Chinna Bathula, Assistant Professor Dongguk University, South Korea, Dr. Yashwardhan Malpani, Project Leader, Daewoong Bio Incorporated, South Korea, Dr. Ashish V. Mohad, Research Fellow, Universidade de Sao Paulo, Sao Paulo, Brazil, Dr. Puru Pandit, Development Engineer, Atotech Development Centre.

**Webinar on 'Improving your resume, cover letter and interview skills':** Conducted in association with WiseUp Communications, this webinar aimed to improve resume, cover letter, and interview skills of students on July 8, 2020.

**Webinar on 'Process Stimulation Software':** Conducted in association with Edu-Vitae Services on November 26, 2020, this webinar gave students a brief idea and knowledge about the distillation, uses, and benefits of Stimulation Software and paid certification workshop: Wissenaire, IIT Bhubaneswar & Edu-Vitae Services that will be conducted in future.

**Webinar on 'Frontiers in Chemical and Sustainable Engineering':** Conducted on the occasion of the 7th foundation day of MMMUT, Gorakhpur on December 1, 2020, the keynote speakers of the webinar were Dr. A. G. Rao, Chief Scientist, CSIR-IICT, Hyderabad & Dr. M. S. Balathanigaimani, RGPIT, Amethi.

**Workshop on 'Process Simulation Software':** Conducted in association with Edu-Vitae Services, this workshop gave students a brief idea and knowledge about the Simulation, uses, and benefits of Simulation Software as per the Industrial point of view.



# ASSOCIATION OF CIVIL ENGINEERS

Back with a stronger and sturdier foundation, the Association of Civil Engineers (ACE) focuses on the welfare of budding engineers with the basic focus being the enhancement of the skills of the students. We have also collaborated with the Civil Engineering Society (CES) of NIT Jamshedpur.

An array of events ranging were conducted by us throughout the year.

**Webinars in collaboration with CIDC:** In August, the Association of Civil Engineers in collaboration with the Construction Industry Development Council and Engineering Council of India conducted a series of online skill workshops on Construction Site Management. The topics of the three webinars were General Work Supervision, Camp Operations, and Field Operations. Students, professors, and scholars from various colleges and organizations actively participated in these webinars and learnt the basic yet necessary skills and concepts needed to supervise crew in residential, institutional, commercial, industrial, and civil construction sectors.

**snapCONSTRUCTA:** An online photography event, snapCONSTRUCTA was mainly conducted for the photography geeks to boost their confidence and give them a platform to flaunt their talent. The participants were required to send a self-clicked picture of a civil structure as per the required theme with a short technical description.

**सृजन:** In September – October, we took the onus upon ourselves to convene a live interactive session with the esteemed personalities with the help of live interactive sessions on our official Facebook page, i.e., Avalamban.

In the first chapter of the event, Mr. Bhanu Prakash was invited who is also known as ‘The Fastest Human Calculator’. He is a holder of 5 world records as well as 50 Limca records for his mathematical calculations.

In the second chapter of the event, Major General (Retd.) P. K. Sehgal, a well-known defense expert in electronic warfare was invited with the spirit of a social reformer and an eye for development.

In the third chapter, we convened a live interactive session with the esteemed alumni of our university, to share their views on ‘COVID and its implications on education and industries’. The alumni included Mr. Alok Nandan (Former Executive Director, ONGC), Ms. Rashami Singh (Deputy Manager, IRCON International), Mr. Rajesh Srivastava (Industry Expert) & Prof. Rajeev Srivastava (Head, Department of CSE, IIT-BHU).

In the fourth chapter, Ms. Geetika Saigal, an inspirational leader, Amazon No.1 Bestselling Author, 5 times TEDx Speaker & Multi Award-winning Success Coach, interacted with the students.

Along with these four chapters, a career counselling event with IAS Baba was organized to help the students clear their doubts about the prestigious UPSC examination.

**A session with Dr. P. V. Venkitakrishnan:** In November, we conducted an interactive session with an exemplary personality Dr. P. V. Venkitakrishnan, Director of Capacity Building Program Office in ISRO Bengaluru, to acknowledge the youth about the ongoing and upcoming missions of ISRO.

We firmly believe that our team will continue to promote knowledge assimilation and subsidiary skills for the welfare of the entire student fraternity.





# ELECTRONICS & COMMUNICATION ENGINEERING SOCIETY

Founded by our respected alumnus Pawan Pundir sir with a vision of passing on knowledge from seniors to juniors, every year ECES conducts Explora and Inception where students are provided with a lot of opportunities to reveal their talent and skills in a variety of technical as well as non-technical fields.

**Inception '20:** Inception was successfully conducted on January 8, 2020 and January 9, 2020. This event comprised of two rounds. In the first round, each team was required to send an abstract on a topic (technical or non-technical) followed by a presentation on the same in the second round.

**Explora '20:** It was an amalgamation of a plethora of events with the prime objective to provide the students, a platform to showcase their talents and unearth their hidden skills. Explora was conducted from January 24, 2020 to January 26, 2020 and it included the following events:-

**C-Quiz:** This event comprised of two rounds - MCQ based round of 30 minutes followed by an on-spot final round for qualifying teams.

**Spiel Minati:** This event provided a nice opportunity for all the students to test their oratory skills. The event had two rounds - Group Discussion round followed by a surprise final round for the qualifying teams.

**Literario:** It was an event that provided the students with the opportunity to showcase their writing talent in the form of poems or articles in a given word limit on specified topics. The winner was decided based on likes as well as content and winners were from both categories - articles and poems.

**Roll the Reel:** This was a film-making event that provided a platform for the students to carve out their acting and video-editing skills.

**Pictales:** This event was the best way of showing photographic skills for those who love capturing beautiful moments. Each team had to make a video clip of a maximum of 3 minutes using photographs.

**Qrious:** This event comprised of two rounds, the first one being a mental ability test and the second one an on-spot round.

**Quantico:** The event had 3 rounds - Round 1 tested the quantitative aptitude of the participants. Teams qualifying the first round were disclosed with the second round on the spot and the third round was a treasure hunt round.

**Electromaniac:** The complete event was divided into 3 rounds. The first round was a multiple-choice question round, with questions based on basic electronics. The second round required candidates to identify various electronic components whereas the final one required them to construct a prescribed electronic circuit on a breadboard.

**The Electronicle:** The 23rd edition of the annual magazine of our society was released on July 10, 2020. It included various sections of the latest technological innovations and discoveries, the manifestations of the society, riddles, and a picture gallery of the events that took place throughout the year.



# SAE COLLEGIATE CLUB

## MMMUT CHAPTER NORTH DIVISION SAE INDIA

SAE Collegiate Club, MMMUT Chapter is the student branch of SAE India. It is dedicated to the cause of getting on well with the science and technology in the automotive field as well as ventures to promote extensive engineering, designing skills, and fabrication of various innovative solutions and advanced technologies required in the automotive industry. The society also aspires to make a mark on the University in various spheres and has been participating, gaining appreciation, and adding feathers to the University's cap.

Faculty advisor: Mr. Dheerendra Singh, Assistant Professor, Mechanical Engineering Department

Chairperson: Mr. Padmajesh Mishra, Senior year, Mechanical Engineering Branch

To re-energise the students in the face of the pandemic situation, SAE Collegiate Club organized some of the finest events to keep young minds motivated and stress-free. The events were-

**Rendezvous:** Rendezvous was a series of webinars on career guidance. The aim of this event was to help the students to get invaluable insights into their goals by cognizance in the fields. It was a bandwagon and received overwhelming participation. The speakers, through their lucid ideas and cogent speeches, were able to motivate the students for their niches. Sessions for UPSC-CSE, GATE, UPSC-ESE, AFCAT, CDS, GRE, and CAT were held. All possible extents of each exam and the effective strategy required to clear them were discussed at length in one-hour sessions.

We were honored to have two of our alumni as our guests (Sonam Verma, ME-2016 and Ashish Pandey, ECE-2016), along with some eminent personalities including Ravi Saharan, Rishi Mittal, and IPS officer Agam Jain. The session ended with our special guest IPS officer Mohit Agarwal, IG Kanpur Zone. Each session on Facebook got around 6800 views and the page reach was as high as 15,000.

**Cherished Snaps:** During this epidemic, all were sulking in the boredom and missing their pals. So this event was all about sharing the best memories they have created in college life through photos along with some beautiful captions. This event was a huge hit as a total of 131 entries were registered.

**History and innovation in automobiles:** The series 'History and Innovation in Automobiles' was all about apprising the viewers about various aspects of automobiles including automobile's history as well as upcoming innovations. This series has covered all automobiles from the 18th century which further inspired many great inventions to upcoming all innovative automobiles in the future.



# UNIVERSITY INNOVATION CELL

- *Inspiring Individuals*

University Innovation Cell, MMMUT under the Technical Sub-Council mandates to encourage and inspire the students by supporting them to work on new ideas and transforming them into prototypes. Its various events are as follows:

**Innowizion:** It was a national-level engineering contest that aimed to provide a platform for the students to show their innovative ideas in the form of a model or any working prototype. This proved to be a platform for the students to get their ideas judged by the experienced faculty members and turn them into reality.

**Malviyan Prodigy:** One of the things to remember about alumni is that they want you to succeed. Keeping this in mind, UIC organized a series of live sessions with a number of alumni at prestigious positions to guide the students.

**Machine Learning with Python** was conducted under the banner of UIC to promote technical knowledge among students and to make them well-aware of future technologies and innovations.

**Soft skills classes:** During the exploration phase, students actively explore new concepts through concrete learning experiences. The significance of soft skills assumes more importance while performing a collective task where the cooperative goals of each member of the team are inevitable and enable one to engage in meaningful interactions with others.

**Technobyte:** A series of posters were being published on social media handles every week under Technobyte to inform the students about the ongoing innovations across the globe.

**Operation Gratitude:** On the occasion of Independence Day, the Cell asked students to write their message to the soldiers as a token of appreciation for their duties. Many wrote their messages to the soldiers, appreciating their courage in guarding the nation in the direst of conditions, all while staying away from their families for months.

**Aakriti:** Aimed at grooming the designing skills of students, this event comprised of two phases - Photoshop training and poster designing competition. A verified certification was provided to all the students attending Photoshop training and the competition afterwards helped them test themselves.

**Bytegram:** The Cell organized various programming quizzes to help the students improve concentration, identify gaps in knowledge and build confidence.

**Spectra:** An ingenious event consisting of a series of quizzes and other technical rounds, Spectra fostered an opportunity for students to showcase their knowledge, creativity, and talent.

Each and every event organized by UIC works as a gateway to all the participants in enriching them with Technical as well as interpersonal skills.





# AAYAS

## 57TH ANNUAL SPORTS MEET

In the morning mist, amidst the sparkling sunshine, on February 9, 2020, the two-day glimmering mega sports event was inaugurated by our chief guest Shri Rajiv Seth, General Manager, ITI Mankapur, and our guest of honor, Mr. C. B. Verma. The meet was proclaimed open officially by our honorable Vice-Chancellor Prof. S. N. Singh and Dr. B. K. Pandey, Chairman, CSA. The inauguration took place in the presence of Sports Secretaries and Joint Sports Secretaries.

Aayaas '20, the Annual Sports Meet of our University speaks for the commitment that all of us in the University hold for athletics and sports and to the development of our youth. Aayaas was a great opportunity for students to unite, rejoice, introduce, and represent themselves. It is a chance to not only perform but outperform others and re-energize themselves. The 57th Annual Sports Meet was more than an event with high spirits of cooperation, participation, and a celebration of sportsmanship. The two-day long meet was gracefully conducted and a grand success with huge participation, social interactions, and outstanding sportsmanship.

Everyone was landing in the stadium with great zeal and enthusiasm leaving no stone unturned to snatch the victory from the very jaws of failure. On first day, the qualification rounds were organized. There were around 10 track events and 8 field events for students. The various track and field events included several races such as 100 m, 200 m, 400 m, 1600 m (boys), and 4\*100 m relay races for different categories; and Discus throw, Javelin throw, Shot put, Long Jump, and High jump as well for different categories. Events were organized for the faculty members as well for recreation which added more to the enjoyment. The air was filled with cheering tons of encouragement and witnessed zealous participation, everyone eyeing for the first position. On second day, the final rounds for all the track events were scheduled. The atmosphere was again charged with zeal and fervor.

Shubham Singh from Chemical Engineering Branch (II year) and Deepti Singh from Electrical Engineering Branch (Final year), were declared overall sports champions among boys and girls respectively. Electronics and Communication Engineering won the title of 'Branch Champion'. Computer Science and Engineering branch was declared the first runners up. And the last year's 'Branch Champion' Electrical Engineering branch stood as the second runners up. The audience applauded when the winners took a joyous lap on the ground. Aayaas '20 ended with a note of appreciation, encouragement, and blessings by our honorable Vice-Chancellor Prof. S. N. Singh, Chairman Dr. B. K. Pandey and the convener of Aayaas '20, Prof. Brijesh Kumar.

# ENTREPRENEURSHIP DEVELOPMENT CELL

The Entrepreneurship and Development Cell of the Madan Mohan Malaviya University of Technology was founded by one of our enthusiastic alumnus Nitesh Kumar, MTech, IIT Bombay (Founder of Witness Fashion and COO at Casita Studios) in the year 2014. E-Cell MMMUT was established with a vision to start an entrepreneurship culture in the University that will give students a perfect platform to put their ideas forward and to get help from the experts to implement them. The cell has always been supportive for young entrepreneurs to achieve success.

E-Cell MMMUT has a mission to bring every enthusiastic learner into the mainstream of entrepreneurship and to furnish the best entrepreneurs from the University. The cell aims to promote startups that are in need of any kind of support and guidance. E-Cell MMMUT conducts different innovative events, workshops, and interactive sessions for students to develop an interest in this field and to make them self-confident to lead from the front. Events like Startup Week and Hackathon have brought people's attraction towards the cell. The team at E-Cell MMMUT strives to create an environment in the University where the students don't rush to get jobs but work hard to create jobs.

- Due to current scenarios, we first began with **TAG-X**, an online event where contestants had to come up with funny taglines for popular and well-advertised brands, showing how they would like the brand to be advertised if they would have managed it.
- Inversico**: It was an online event, in which participants had to create videos that can promote an activity, idea, or product, with a restraint that the video should be shot using reverse effect.
- Enquesta de Cricket**: It was a two-round online event that was conducted to fulfil the exciting passion of cricket during IPL season and to test their judgement based on their knowledge of cricket. This event consisted of:  
Round 1 was basically an online quiz to test contestant's quantitative analysis and knowledge in the field of cricket.  
In Round 2, the contestants had to predict the winning team before each IPL match and each contestant was given scores based on their prediction poll maintained on a leader board.

At last, team E-Cell successfully conducted these events smoothly overcoming all the challenges of this pandemic and assisted freshmen to build their skills in the areas of their interest to face upcoming challenges.



# IEEE STUDENT BRANCH

## - *Advancing Technology for Humanity*

Founded in 1988, IEEE-SB MMMUT serves as a connection between local professionals, academics, and the IEEE organization at large. IEEE-SB MMMUT organizes workshops, seminars, and hosts year-round competitions that offer students the opportunity to develop professionally and technically.

This year, IEEE Uttar Pradesh Section was awarded the 1st position among 59 sections at Asia-Pacific Level, and IEEE-SB MMMUT is the largest student body in Uttar Pradesh Section.

Faculty Advisor: Dr. Brijesh Kumar, Professor, Electronics and Communication Engineering Department

Chairperson: Shresth Sahai, BTech Final Year, ECE

**Lazaretto Day Defiance:** Participants were asked to make videos based on the utilization of their time during the quarantine period. Since it became monotonous and mundane being at home, this event brought in ardor and elation among the students leading to the participation of 100+ students who went on to entertain themselves and the viewers. This event, therefore, gave a sense of connectivity and joy among the students.

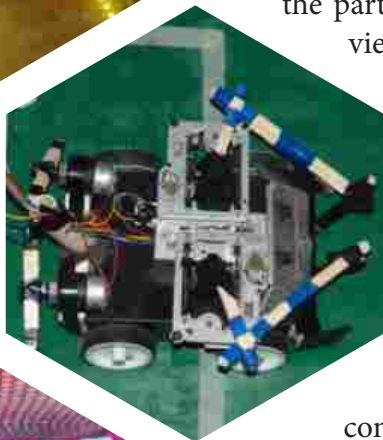
**Webinar on analytics and visualization of data:** Keeping in mind the high demand and widespread use of data science in the current IT world, a live webinar was conducted in collaboration with Coding Blocks by Mohit Uniyal. It witnessed the massive participation of 700+ students from multiple colleges. A quiz was also conducted after the webinar on HackerRank portal to help the students understand the shortcomings in their learning.

**Interactive session with Sonali Mishra:** A live interactive session was conducted on the preparation of several competitive exams, pressure handling, study routine, and about the power of positive thinking to reach your goals by the UPSC CSE topper (All India Rank 300) and Malaviyan alumna(2016 Batch) Ms. Sonali Mishra on August 23, 2020.

**UXD classes:** An overview of Adobe Photoshop, Adobe Illustrator, Adobe XD, Adobe After Effects, and SketchUp, a 3D design software was provided by the trained members of our student branch. Subsequently, two follow-up competitions, a logo-making contest, and a robotics arena creation contest were also organized.

**Snowden:** This event was all about unraveling the mysteries. It consisted of two parts – the solver and the coder. The coders were the ones who made tricky questions on innovative and creative themes chosen by them and the solvers had to crack the questions. The event gave solvers the chance to test their problem-solving ability whereas coders showcase their cryptic skills. A large number of students participated, and the event went on for three days.

**IEEE Day celebration:** IEEE SB MMMUT celebrated IEEE Day by organizing a week-long poster-making competition from the October 4, 2020 to the October 10, 2020 on women empowerment focusing on 'Is work-life balance for women engineers an illusion?' The participants had to convey their ideas through handmade drawings, paintings, or posters.





# NATIONAL SERVICE SCHEME, MMMUT

*- Not me But you*

The National Service Scheme, MMMUT Gorakhpur is the MMMUT chapter of the NSS, institutionalized under the Ministry of Youth affairs. It was launched by the then Union Educational Minister Dr. V. K. R. V. Rao on September 24, 1969. It was launched during the Gandhi Ji Centenary Year (100 years from his birth year) as it was Gandhi Ji who inspired the Indian youth to participate in the movement for India's independence and the social upliftment of the downtrodden masses of the nation.

**Swachata Pakhwada** at different branches: To rekindle the spirit of cleanliness and patriotism, a group discussion and poster-making competition was organized on September 12, 2019 and September 13, 2019. Also, a cleanliness drive and plantation over were organized which witnessed extensive participation.

**Blood donation camp:** A Blood donation camp was organized by our NSS unit, in association with Amar Ujala Gorakhpur at the University hospital on December 30, 2019, through which more than 100 units of blood were donated by both students and the staff members. NSS volunteers also addressed the students about the shortage of blood and why they must donate blood every year.

**TB disease awareness programme:** On December 30, 2019, a TB disease awareness programme was organized in the five adopted villages i.e. Jangal Ayodhya Prasad, Jangal Belwar, Jangal Ram Lakhan, Dumari Khurd, and Raniganj.

**No Plastic July Campaign:** National Service Scheme cell stepped forth to disseminate the serious outcomes of plastics through illustrations, poems, articles, and videos. The students were asked to send their fully prepared entries.

**Online quiz competition:** The quiz was organized in two rounds with the first one being the MCQ round and the second one a subjective round. Over 1400 students from 40 other colleges participated in it. The top 10 participants eligible for certificates, were judged on the basis of the Subjective Round.

**Webinar on 'Corona and Cautions- Surviving with Threats':** A Webinar was organised heeding on its outgrowth of pandemic under the supervision of Prof. J. P. Pandey (Hon'ble Vice-Chancellor), Dr. Awadhesh Kumar Gupta (NSS Coordinator), and Prof. B. K. Pandey (CSA, Chairman) on August 17, 2020. The spokesperson for the webinar was Dr. Tanmay Tiwari (Associate Professor, Department of Anesthesia & Critical Care, KGMU, Lucknow, U.P.). He included all the safety measures to be taken care of and clarified the doubts of attendees.



# THE EDITORIAL BOARD

## - Beckoning Creati'wit'y

With the glory of more than five decades, the earliest established student body, The Editorial Board continues to outshine with the same brilliance as it did years ago. The Editorial Board, under the aegis of literary sub-council of CSA, has ample events under its canopy and its ideology of being a tribune more than an emissary has grown much stronger.

The Editorial Board under CSA, published the 52nd edition of the annual University magazine, **Malvika** in 2019. The board also published 5 issues of the University newsletter **Tiresia**, which provided students a valuable insight into the happenings of the University. At the commencement of the academic session, it organized an online test series, **Malaviyan Ace '19** in the month of August. In September, the board organized **Arunoday '19**, an event exclusive for the freshmen, to test and nurture a multitude of skills and provide them a kickstart for their journey ahead. In January 2020, the **Annual Debate Competition** was conducted to groom the oratory and literary skills of the students. The beginning of the year 2020 was marked by the conduction of **SpellCzar** in the month of January, which focussed on testing the verbal and vocabulary skills of the participants. It was an event that amazed the participants with extraordinary rounds and provided a platform to turn words into weapons and surpass the other. The most vivacious happening of the Malaviyan campus, **Abhyudaya 2020**, was organised by The Editorial Board in collaboration with Cultural Synod in the month of February this year.

The academic and regular activities being terribly impacted by the COVID-19 pandemic, the students were forced to stay at their homes. The Editorial Board organized a **webinar on 'Post-COVID Employment Challenges'** with speakers from IIM Kashipur in August followed by an interview session with **Mr. Ravie Solanky**, the founder and CEO of The Social House. The occasion of Teachers' day was graced by the prominent social activist **Shri Anna Hazare**, who shared his ideology and dreams with The Editorial Board and attendees from around the country and proved to be an epitome of inspiration for the young minds. Mental health was not considered a topic of discussion in our society. The Editorial Board, realising this situation, conducted **'Hope Workshop'** in collaboration with Techfest IIT Bombay in the month of September. The Board also organised **Vagmita 2020**, an event for the hidden writer in each of us, where the participants were required to send a Hindi poem as a video entry. Later in the same month, The Editorial Board also interviewed **Kavi Sandeep Dwivedi**, an aesthetic poet, and an engineer, who shared his views and valuable insights about poetry as a career. In the month of October, The Editorial Board was privileged to interview the Waterman of India, **Dr. Rajendra Singh**, an environmentalist, and a Ramon Magsaysay awardee, who shared his views on water conservation and highlighted that it is a need of the hour.

The Editorial Board has been a helm of affairs when it comes to student activities. Hope this legacy of grace and charisma continues to serve the auspicious temple of Mahamana in the years to come.

# ABHYUDAYA

## - A Tribal Spree

In this age of competition, everyone has an aspiration to get ahead of others. To provide a platform to these aspirations, Madan Mohan Malaviya University Of Technology organised Abhyudaya from February 28, 2020 to March 2, 2020, which is the hub of art, literature, and culture. This year, the theme of Abhyudaya was 'A tribal spree', aimed at increasing awareness about tribal festivals and culture.

The programme was inaugurated by the Member of Parliament of Gorakhpur, Mr. Shyam Narayan Shukla 'Ravi Kishan' Ji. Preceding this, the teaser of Abhyudaya was launched in the gracious presence of Municipal Commissioner of Gorakhpur, Mr. Anjani Kumar, Hon'ble Vice-Chancellor, Prof. S. N. Singh, and the Chairman of Council of Student Affairs, Prof. B. K. Pandey. Abhyudaya included many events like group dance, solo dance, sketching, House of Commons, painting, pot decoration, kite runner, rangoli, mehendi, chhote ustaad, tattoo making, photoholic, graffiti. The events organised in the University Campus were partaken by the students of numerous engineering, pharmacy, medical and literary colleges. The school students of Gorakhpur showed their keen interest in the event Chhote Ustaad. These child artists entranced the audience with their performance. Rangoli competition brought an enchanting wave of freshness. This morning event made people hone their artistic expression by making beautiful rangolis.

The participants acquainted their creativity by engraving beautiful and charming artistry on the walls of the campus under Graffiti. As well, the participants in a program after making the clothes from waste papers based on different topics, worn them and walked the ramp. Nukkad Natak is one of the most popular competitions of Abhyudaya. Many people gather in a huge amount to view. The purpose of this competition is that people have to be made aware of the evil practices spread in society. The participants who presented themselves in this competition got their skills ironed and their drilled performance made everyone get goosebumps. Nukkad Natak like every year, this year also proved to be a memorable moment to happen.

The participants stylishly walked the ramp in the fashion show, Hermosa. The event 'Raga' received plentiful participation for solo singing and in the Goonj Competition duet singing and group singing performances were witnessed. Solo and Duet dancing competitions were organized in the 'Radar Zone' competitions and 'Boogie Thrills' included group dancing performances. In the four-day fest, DJ Night was scheduled on the second day in which the band 'Base Guns' made everyone dance to their energetic tunes. The Unity Band too on the same night created a resplendent environment through their music.

The last night of Abhyudaya witnessed a breathtaking view of students waiting for the arrival of the comedian Anubhav Singh Bassi. The frenzied crowd was super-excited as was seen by its sheer number. Soon the highly anticipated moment came and it was there were laughs everywhere. Both the students and the faculty members enjoyed the show and Abhyudaya ended up leaving smiling faces everywhere.





# ROBOTICS CLUB

- *We make it happen*

“Any sufficiently advanced technology is indistinguishable from magic.”

-Arthur C. Clarke

The Robotics Club, MMMUT was established with a vision to create an ecosystem of interaction, exploration, innovation, and creativity. It satiates the techie inside the student. Robotics Club provides blossoming minds an opportunity to develop and boost up technical and management skills through interactive sessions, workshops, classes, events, etc.

Throughout the year, Team Robotics Club conducted **Web Development Classes** from January 6, and the phenomenal annual technical event **Robomania** which was conducted on an online platform this year. The alluring online events **#4yearchallenge**, **Sherlocked**, **Quarantine day challenge**, and **Memebaaz** unleashed the creativity and curiosity of students. The energetic series of online events, **Synergia** was conducted from July 12, 2020 to August 8, 2020. A number of online events like **Web-O-Fiesta**, **Web Quest**, **Code Flash**, **Circuit-e-Czar**, and **Digi frame** which tested the technical knowledge, logical thinking, and deductive skills of the students were conducted.

Besides that, Team Robotics Club paid tribute to the engineers by celebrating **Engineers Week** this year and organized a coding event **Cladding the code** on November 20, 2020 and November 21, 2020 for the budding engineers to enhance their coding skills.

All the events are crammed with the crux of technical skills which surely helps the individual in grooming his/her personality. Robotics Club is an active platform to learn and showcase one's talent to transform theoretical knowledge into a practical working model and make it happen.



THE  
PHOTO  
SHOOT  
ANNUAL





# CIVIL ENGINEERING DEPARTMENT







# COMPUTER SCIENCE AND ENGINEERING DEPARTMENT





# ELECTRICAL ENGINEERING DEPARTMENT





# ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT







# MECHANICAL ENGINEERING DEPARTMENT





# CHEMICAL ENGINEERING DEPARTMENT





# INFORMATION TECHNOLOGY AND COMPUTER APPLICATIONS DEPARTMENT







# HUMANITIES AND MANAGEMENT SCIENCE DEPARTMENT





# PHYSICS AND MATERIAL SCIENCE DEPARTMENT





# MATHEMATICS AND SCIENTIFIC COMPUTING DEPARTMENT







# CHEMISTRY AND ENVIRONMENTAL SCIENCE DEPARTMENT





# TRAINING AND PLACEMENT CELL





# WHEELS OF GLORY

## **CHANGING MMMUT**

The campus of the University has been changing positively with new departmental buildings, lecture hall complexes, revamping infrastructure, and many fresh facilities including an under-construction auditorium and stadium waiting in queue to uphold the flag of Malaviya in the coming years. The acquisition of a 3D Printer by the University has been catching the headlines for a few months now. With new engineering streams being facilitated in fully equipped departmental buildings, the University seems to be unstoppable even in the midst of pandemic. With the vision of setting a new benchmark, the Department of Information Technology and Computer Application (ITCA) was inaugurated on August 24, 2018 by Hon'ble Chancellor of MMMUT, Shri Ram Naik in the magnanimous presence of Hon'ble Vice-Chancellor Prof. S. N. Singh. The department became functional on August 25, 2018 with two



post-graduate programs - MCA and MTech. This foundation of 2018 has been worked upon and now a separate Information Technology department has been established which has started an undergraduate program of BTech in Information Technology stream from session 2019-2020. Seats in these new branches have been kept less as compared to the old streams but in the course of time, they shall be increased as well. The existing hostels have been extended and a new building of the central library has been constructed to provide full support to the students in every aspect. The old building of the central library has a total carpet area of 1779.426 sq meters, a reading room with a capacity of 400, fully Wi-Fi enabled and fully automated issuance and collection of books. As the strength of the college is increasing, it has become mandatory, more than ever, to expand the existing facilities. The new section is expected to be in service round the clock and will be of great help to the students. These changes will surely add new colors to the canvas of the University campus.

### **3D PRINTER: A NEW GEM IN UNIVERSITY TROVE**

3D printing is a new catch, creating buzz all around the technical corners of the world. This innovation has a wide range of applications, examples being, the L&T's constructed (printed) single plus one 700 sq ft house, printing of several components for the machine pistol 'Asmi' by the DRDO, etc. From schemes like 'Housing for All' to boosting our defense sector, 3D printers are bound to play a great role in redefining the manufacturing process in the coming decades.

3D printing or additive manufacturing is the construction of a three-dimensional object from a CAD model or a digital 3D model. In layman's terms, it refers to the variety of processes in which a material is deposited, joined, or solidified under a computer-controlled environment to create a three-dimensional object.

MMMUT has acquired its first-ever 3D printer, 'PLA 3D PRINTER DUAL EXTRUDER', from McGeeks Mechatronics Pvt. Ltd. With Fused Deposition Modelling Techniques, 8.6 kg weight, and 440\*410\*465 mm<sup>3</sup> dimensions, it will not only facilitate improved learning and development skills but also enhance student engagement with the subject matter. It has Meanwell power supply, DIY assembles, enhanced printing stability, the capability of heating up within 5 minutes, high precision printing, ease in levelling, resuming printing after power cuts, and precision of approximately 1 mm.

The Massachusetts Institute of Technology (MIT) has introduced graduate and advanced undergraduate courses on the fundamentals of 3D printing in its curriculum, which highlights the booming demand of trained professionals in the field. The University of Texas and Virginia Tech have followed the suit with their own courses on 3D printing and design principles for additive manufacturing. 3D printing also provides many opportunities to aid visual and practical learning across the sciences. 3D-printed components are often deployed as test models for scientific experiments across different disciplines, including mechanical engineering, aerospace, and robotics. With this technology in the house, young Malaviyans will have exposure to the future of manufacturing industry, 3D printing.

# DIRECTORY

Final Year Contacts



'Connecting.....'

For 'ever'.....'



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## CIVIL ENGINEERING

### Name

ABHINAV CHAUHAN  
 ABHINN PRATAP SINGH  
 ABHISHEK KUMAR TIWARI  
 ABHISHEK SHUKLA  
 ABHISHEK SINGH  
 ADITYA KUMAR SHUKLA  
 ADITYA NATH CHATURVEDI  
 ADITYA PRATAP SINGH  
 AJAY KUMAR VERMA  
 AJAY YADAV  
 AJIT KUMAR SRIVASTAVA  
 AKHIL PRATAP SINGH  
 AKHILESH GUPTA  
 ALOK  
 ALOK YADAV  
 AMIT KUMAR  
 AMIT KUMAR  
 AMIT KUMAR RAI  
 AMIT SINGH  
 AMIT YADAV  
 ANAND KUMAR VERMA  
 ANANYA SINGH  
 ANIL SONKAR  
 ANIMA SHUKLA  
 ANKIT KUMAR RANJAN  
 ANKIT KUMAR SINGH  
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