



AGNEL CHARITIES'  
FR.C.RODRIGUES INSTITUTE OF TECHNOLOGY  
PRESENTS

# Manthan

## CREATIVE BOMB

Volume: 6  
2022-2023

# HS POWER

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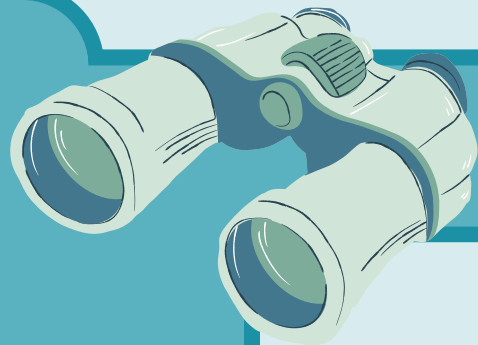
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# VISION

To evolve and flourish as a progressive centre for modern technical education, stirring creativity in every student leading to self sustainable professionals, through holistic development; nurtured by strength and legitimate pride of Indian values and ethics.



# MISSION

- To provide industry oriented quality education.
- To provide holistic environment for overall personal development.
- To foster relationship with other institute of repute, alumni and industry.





# Reflections

FROM THE PRINCIPAL'S DESK



## Dear Students,

Innovative minds, boundless potential as we turn the pages this year, let us delve into the vibrant world of our own making.

Time and again, we have witnessed the technical proficiency of our students speak for itself. The purpose of this magazine is to recognize their creative flair and to provide them with a platform to express their literary and artistic ideas. Our institute has been recognized for its target-oriented approach, and we will continue to work towards its comprehensive advancement with the assistance of our students and faculty.

For the students and by the students, the Manthan magazine is a reflection of their skill, creativity, and individuality, as well as that of FCRIT as an institution, as a whole. My intention is to take this opportunity to acknowledge each and every individual who has taken the initiative and is demonstrating their talents in a variety of areas.

-Dr. S. M. Khot



# Reflections

THE DEAN OF STUDENT AFFAIRS



## Dear Students,

Creativity is the art of making new connections between old ideas. It allows us to perceive and solve problems more openly and with innovation. Our college Magazine, Manthan, has been endeavoring to frame an environment which would encourage the budding artistry, imagination and originality in the students. Their vision is to promote uniqueness of ideas and how with proper discipline and hardwork, those very ideas can be brought to life. This Annual Magazine puts light on the important milestones that the students have achieved this year. Each page brings out their thoughts, hopes, feelings, aspirations and convictions in a creative way. On the whole the magazine mirrors the true credentials of the students.

I congratulate the entire teams for their tireless efforts and dedication which resulted in the publication of this issue of the college magazine.

Keep the good work going. My best wishes always.

-Dr. Bindu S



# Reflections

FROM THE SUPERIOR



## Dear Students,

We, at Fr. C. Rodrigues Institute of Technology emphasize on the acquisition of knowledge, useful skills, critical thinking, and problem-solving abilities. We believe that every student is unique and special. Utmost priority is given to students' needs with the aim to provide quality education along with cultivating traditional values.

The annual college magazine “Manthan” is one such endeavour in this direction. This provides an opportunity to showcase various skills, knowledge and creativity of our students which reflects the grand vision behind its worthy goals. I congratulate the entire editorial team & contributors for the upcoming issue of 'Manthan' and enthusiastically look forward to reading our students' perspective on various issues undertaken.

-Fr. Eleuterio Fernandes



# Reflections

FROM THE SENIOR EDITOR



## Readers,

Differences of habit and language are nothing at all if our aims are identical and our hearts are open."

— Albus Dumbledore

Our theme "creative bomb" is a term used to describe a powerful and explosive idea that ignites creativity and innovation. It refers to an idea or concept that is so unique and disruptive that it completely changes the way people think about a particular topic or industry. Welcome to the latest and greatest edition of our college magazine. We're stoked to be bringing you all the latest news and happenings from our amazing campus - and let's be real, we're especially stoked that we're finally on the other side of that pandemic craziness. It's been a wild ride, but our students and faculty have shown us time and time again that they're made of tough stuff. We've seen some incredible initiatives, research, and downright awesomeness over the past few months, and we're excited to showcase all of it in these pages.

In this issue, you'll find all kinds of cool stuff - from student-led initiatives that will blow your mind, to research that will make you go "wow, that's amazing!" Trust us, you won't be disappointed. We want to give a huge shout-out to all the contributors, writers, and editors who made this issue possible. Seriously, you guys rock!

So sit back, relax, and enjoy this edition of our college magazine. We promise it'll be a good one."

-Yash Barhate



# INCANDESCENCE

# WORD

# FLOW

What ya'  
writin?

...





## STAND UP

The world might try to suffocate you  
Might not let you try,  
Don't you dare to stumble  
Don't let yourself cry.

The world might laugh on you  
Might try to pull you down,  
Don't you dare crumble  
Don't let yourself frown.

The world might be cruel to you  
Might put you through grueling test,  
Don't you dare get depressed  
You have to stand up for yourself.

The world might try,  
to block your way  
Might just not let you shine,  
Don't you dare to stop your work  
C'mon, you are doing fine.

The world might do,  
the unthinkable  
Might make you feel weak,  
Don't you dare to stay quiet  
Stand up and work for what you seek!

**-Maithili Desai**



## BEFORE AND AFTER YOU

It is said that Love is  
The most exquisite form  
Of self-destruction  
So,  
Am I?  
Or my memories are alive  
More than me?  
Am I thinking too much?  
Am I feeling too much?  
Am I reacting too much?  
Am I existing too much?  
Because this is crushing my  
life out of me.  
Then I suppose there two worlds,  
Of mine running parallel to each other  
The one before and after you.

**-Divya Thakur**





## GHOST OF YOU

You said you would come  
 So I waited under the sun  
 With your favorite drink in hand  
 I called you thousandth time  
 Just to hear its voicemail in your  
 tiring voice

Didn't know that the wait  
 will be forever  
 Cause every little memories of us  
 Brought me hope and patience

The long drives,  
 The stolen glances  
 I gave you everything that I could  
 Yet you decided to leave me  
 on a text with words of few

Now that I lost my patience  
 I know you would never come  
 So I just buy you favorite drink  
 and go to our comfort place  
 In hope to back in time  
 And try to spend it with  
 the ghost of you

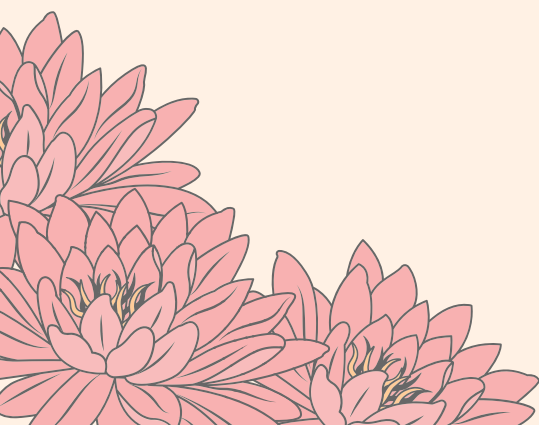
**-Avvanti Kamod**



## FEEL TRAVEL

Let your feet wander,  
 Your eyes marvel,  
 And your soul ignite,  
 The adventures of travelling,  
 I hope you get humbled,  
 By the vastness  
 and depth of the sea,  
 The eagles above you are flying  
 high in the sky,  
 Making you feel free,  
 I hope when the night falls,  
 The fire reminds you,  
 Of the warmth and spark within you,  
 The stars remind you,  
 There is beauty and light  
 amidst the darkness,  
 And most of all I hope,  
 You're learning new things  
 while you roam,  
 Roam like a peripatetic.

**-Riyanka Dey**





## LET'S FOOTBALL

Football,  
this game will give you quite a thrill,  
After stepping into the field,  
There is no way out,  
before the game gets started,  
As the whistle blows,  
the "90 minutes" timer starts.

Giving a chance to the players to score,  
As we run and score a goal,  
We get the taste of sweat, hit after hit,  
The offence and defense never quit.

Running down the field.  
Slipping and sliding on the ground,  
Playing and getting wet in the rain,  
Getting our studs covered with mud,  
There is nothing to be ashamed of,  
Cause this is who we are!

But this is not just a game,  
This is also a life lesson,  
For it teaches,  
You can overcome anything,  
Only if you love something enough.

A champion will never give up,  
Even if they want to,  
For they know it's okay to lose,  
As long as you've given it your all.

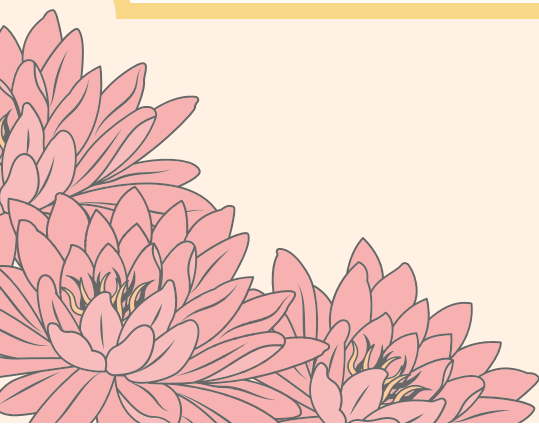
**-Riyanka Dey**



## I'LL TALK TO YOU

You don't talk to me anymore.  
Instead, all you do is  
look up in the air  
And talk to someone  
who isn't even there.  
I hate that I only have memories of  
You.  
Memories of unnamed games,  
And silly jokes.  
Of the songs you played,  
Deafening, but sweet.  
And the stories you made up,  
As I went to sleep.  
I hate that you  
don't see me anymore  
But one day maybe,  
I'll go away.  
And you won't notice,  
But that's okay.  
Because when you look up  
in the sky again,  
I'll talk to you.

**-Md Tahir**





## FALLING APART

One day I woke up all bothered  
Confusion on my face,  
all smothered  
I am not fine even if I want to be  
Because darkness is all I see

What do I do next?  
Should I panic or just take a rest?  
When I close my eyes  
Fell like I am falling off the skies

These contrasting thoughts  
I have been thinking lately  
I am scared of myself  
Someone come and save me

Wondering if this is what  
I wanted  
Was it then,  
when my steps halted?  
I have been running towards you  
Because I really wanted to

But I am telling myself, lies  
I keep thinking otherwise  
Now I think this isn't right  
But wasn't it me  
who chose to fight?

I am holding my handout  
For someone I don't know,  
clearly  
I am scared of myself  
Someone come and save me

What is happening?  
At one time,  
you were my everything  
With tears, my eyes, they sting  
I can see us falling

I run away from you  
How more of a coward can I be?  
I am tired of myself  
Nobody can save me

**-Sakhi**



## CONVERSATIONS

Staying quite during  
a conversation  
is not something I do.  
But when I talk to him,  
I sit down and listen to each  
and every word he says.  
Though the world is in chaos,  
I found peace in his eyes.  
He is not my father,  
nor my brother, nor my love.  
He is my best friend  
and I love him.

**-Ruhaani**



## GIRL IN BLACK

I am a girl teased by my friends and  
Ignored by my coach,  
Guess who am I,  
Yes I am a girl in black.  
Even night makes it difficult to find myself,  
Yes I am a girl in black.

People do say to me to select bright  
coloured clothes,  
So that it could suit me,  
Yes I am a girl in black.

In drama class I was given the role of villain  
Saying villains are dark,  
Yes I am a girl in black.

While taking a photo the photographer gives  
Me Ponds powder saying  
God of justice is white,  
But I am a girl in black.

Yes I am a girl ignored and teased  
But do not forget  
The skin doesn't remain  
But the soul... remains.  
Try to make it bright  
And proudly say  
Yes I am a girl in Black.

**-Achsha Robinson**



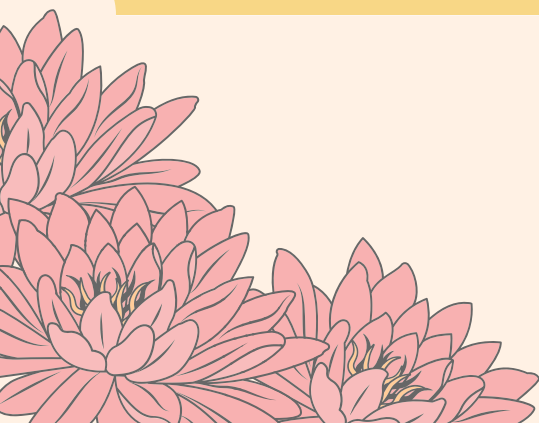
## A 19 YEAR OLD

Lots of dreams, don't know where to go.  
Dad tells to study, but I love my hobby.  
Mom asks to give test and I get  
distressed.

You know that feeling,  
When the heart and mind aren't syncing.  
You go towards the path where everyone  
told you to go  
but not You.

Yes I get pissed,  
But don't wanna get dissed.  
It's hard to keep my mind in track,  
Cuz I easily get distracted.  
It's stuck in my head like a gum,  
And is very hard to overcome.  
My youthful energy decreases,  
As my dreams and goals increases.  
I don't know which path to take,  
Seems like the road is also two-faced.  
Even through this tragedy,  
You'll eventually find the remedy.  
It is hard to be a 19 year old,  
But it gets easier as you grow old.

**-Lancy**







## ॥ ...इश्क... ॥

क्या हैं इश्क...?

॥ इश्क मरहम हैं, ज़खमों का इश्क के....।

इश्क मुजरिम हैं, जुर्म का इश्क के....॥

॥ इश्क खुदा हैं, इश्क काफिर हैं....।

इश्क दगा हैं, इश्क हाफ़ि हैं....॥

इश्क बिमारी हैं, इश्क इलाज़ भी हैं....।

इश्क फरेबी हैं, इश्क इलाही हैं....॥

इश्क बर्बादी हैं, इश्क आबादी हैं....।

इश्क अंजाम हैं, इश्क इर्शाद भी हैं....॥

इश्क जनाझा हैं, इश्क जनाही हैं....।

इश्क आजादी हैं, इश्क मनाई हैं....॥

इश्क तपिश हैं, इश्क हासिल हैं।

इश्क हकीकत हैं, इश्क जाहिल हैं....॥

इश्क मशहूर हैं, इश्क मेहरूम हैं....।

इश्क जन्नत हैं, इश्क जेहेनुम भी हैं....॥

इश्क सबकुछ हैं, इश्क कुछ भी नहीं....।

इश्क झूठा बहुत, इश्क सच भी नहीं....॥

इश्क करना नहीं, उससे डरते रहो...।

अगर गलती से हो ही जाए, तो इश्क करते रहो...॥

इश्क करते रहो...॥

**-Darshan Jadhav**

## ॥ मैं खाकी हूँ ॥

दिनहूँ रात हूँ, साँच वाली बाकी हूँ...,

॥ मैं खाकी हूँ ॥

होली में, रमजान में, गणेश उत्सव की धूम धाम में,

देश के सम्मान में खड़ी...,

चुनाव के आँधी तूफान में, अड़िग कर्तव्यों की परी पाठी हूँ।

॥ मैं खाकी हूँ ॥

तैयार हूँ हमेशा ही तेज़ धूप और बारिश सेहने को,

त्योहारपरिवार से दूर भिड़ में अकेले मनाने को,

कभी पत्थर, तो कभी गोली भी खाने को,

में बनी दुजी माटी हूँ।

॥ मैं खाकी हूँ ॥

तकलीफें हजारों सेह कर, शान से शुशोभीत संचित भाँती

हूँ, मुस्कुराती हूँ, इठलाती हूँ...,

वर्दी में गौरव पाती हूँ, क्योंकि...

॥ मैं खाकी हूँ ॥

गिरे हुए का आधार हूँ, अंधेरे में प्रकाश हूँ,

कठिन वक्रत की आँस हूँ...,

हाँ... ॥ मैं खाकी हूँ ॥

ईस महाराष्ट्र का अजय कंधा हूँ,

जनसेवा की बेहेती गंगा हूँ...,

बुलाओ तो दौड़ी चली आती हूँ...,

हाँ... ॥ मैं वही खाकी हूँ ॥

कभी इस सह्याद्री में गूँजती आहट हूँ,

तो कभी उस हिमालय की चोटी हूँ...,

दिन रात चौराहे पर खड़ी भारत माँ की सेवाकरती हूँ...,

जी हाँ... ॥ मैं खाकी हूँ ॥

भूक और थकान की बात ही क्या, महामारी जैसे संकट में

बिना डरे अपना कर्तव्य बखान करती हूँ,

क्योंकि तिरंगे में लिपटी हुई,

॥ मैं वही खाकी हूँ ॥

( महाराष्ट्र पुलिस को समर्पित )।

**-Darshan Jadhav**

## ॥ इंसान की इंसाननयत ॥

इंसान लाशों के ढेर को  
 ससडिया समझ कर चढ़ जायेंगे  
 इंसान की इंसाननयत को  
 अपने पैरो तले कुचलकर आगे बढ़ जायेंगे  
 मास्स पे बैठे गगबद्ध के भाती  
 हम बैठे हैं पेड़ों पर  
 नोच रहे चीर रहे  
 कर रहे अत्याचार बेजुबान पेड़ पर  
 ग्री, रस्वेज, लस्ट  
 इन सब क पाला हमने अपनी कोक में  
 बबाद कर ददया हमको  
 हमारी सोच ने  
 जात, धमा, प्रान्त, रंग ऐसे अनगगनत शब्दों पर  
 बाटा हमने इंसाननयत को  
 धमा के नाम पर मार काट करके  
 बैठे हैं हम गलेलगाकर हैवाननयत को  
 इंसान की इंसाननयत देख  
 हैवान भी सेहम जाएगा  
 ऊपर बैठा इंसान का रचनाकार भी  
 ऐसी इंसाननयत देख दर जाएगा

**-Anush Malik**

बि न मौसम काले बादलों की घटा छापी हैं।  
 यहाँ रि मझि माती बारि श में तेरी याद मूसलाधार आयी  
 है॥  
 दर तेरे लि ये छोड़ कर भी खुलें  
 न जानें तेरी आने की महक क्यों ना आयी हैं॥  
 नई बहार तो लेकें आया है ये साल  
 मगर यह फ़रवरी भी तुम्हारे बि ना आयी हैं॥  
 यूँ तो ज़िंदगी अब आगे बढ़ गई हैं।  
 मगर कोई पूछ ले हमारी दास्ताँ हमने तुम्हारी सुनाई हैं॥

**- Sagar Pawar**

## ॥ एहसास ॥

कुछ बातें ऐसी हैं हमारी बीच,  
 जो होठों तक ही रह जाती है पर कहते नहीं,  
 जो बस अनकही रह जाती है,  
 ये कुछ बातें हैं। जो उस मसुकुराहट में दिखती है,  
 जो आँखों में झाकने पर दिखती है,  
 शायद जिसकी खबर हम दोनों और,  
 दानुनिया को भी हैसमझती शायद,  
 ये कुछ बातें हैं। जो एहसास ही एहसास है,  
 जिसका पता तमूहें भी है,  
 जिसकी खबर मुझे भी है,  
 बस इशारों से और एक दसूरे को देखके,  
 समझते हैं कभी कह नहीं पाए,  
 ये कुछ बातें हैं,  
 जो कभी कह नहीं पाए,  
 बस एहसास ही एहसास है॥

**-Riyanka Dey**

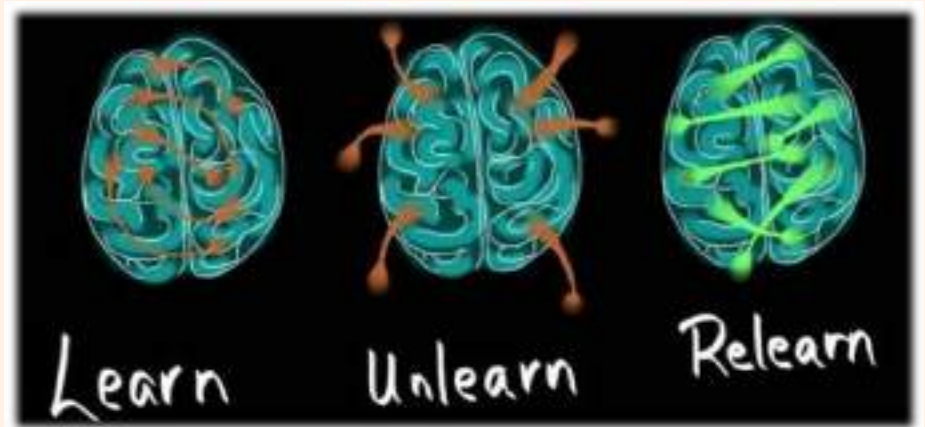


# UNLEARNING- A NEW KINDA LEARNING

Written By:

**AGRIMA**

**Comps. sem. 6**



As I sit here, this particular evening or rather night, with my nostrils filled with the slightly nutty aroma of what turned out to be a delicious cup of coffee, thinking about areas where I had to unlearn stuff, I genuinely do wonder whether we all have a default system when it comes down to our core or basically what we believe in. Because, I have never come across a system that isn't bound to go obsolete which to think about is, Changes. Not necessarily paradigm shifting but, Changes.

Before I go off on a tangent, I would like to mention what I think of unlearning because unfortunately, the topic has not been much discussed in academia and the need for it is not emphasized in our educational institutions.

Unlearning, to me, is not about forgetting. It's about the ability to choose an alternative mental model or paradigm. When we learn, we add new skills or knowledge to what we already know. When we unlearn, we step outside the mental model in order to choose a different one.

Unlearning, to me, is not about forgetting. It's about the ability to choose an alternative mental model or paradigm. When we learn, we add new skills or knowledge to what we already know. When we unlearn, we step outside the mental model in order to choose a different one.

As an example, this past week, upon a confrontation regarding a petty issue I was rattled for the whole of the lecture and could've well stretched that into the whole day but after being consoled by a professor, bless her, I realized that my response to the whole thing was based on what I believed in like my core values, which in a professional environment would not sustain and thus made me try and comprehend as to the changes that are required within me.

Unlearning can begin with the littlest of things, like exploring new roles within clubs or communities that you never thought you'd try out for or in short Not being Static. Remember, all of it just starts with one word: WHY?

I do hope that this thought threw at least a few knots in your ever so free flowing reel!

# India China Relations

Written By:

**ADITYA MISHRA**

**Mech. sem. 6**



**I**ndia & China have been maintaining good relations. Even in ancient times, there was a good relationship between India & China. This can be evident in the presence of Buddhism in China. Buddhism spread from India to China.

India was the first non-communist country to recognize communist China in 1950. For peaceful co-existence, both countries signed the Panchsheel agreement in 1954. Panchsheel means Five principles of peaceful co-existence.

India & China share common interests like eliminating terrorism, developing Asia etc. That is why both countries are part of regional cooperation organizations such as BRICS, Shanghai Co-operation Organization (SCO), G20 etc. Both countries have good trade relations.

With a big land border, there have been disputes too. India & China have border issues mainly at Aksai Chin & Arunachal Pradesh. The border dispute is the main reason for the Indo-China war in 1962, and the Doklam standoff in 2017.

China has been developing infrastructure along with LAC. As of 2022, it is confirmed that China is building a second bridge over the Pangong Tso. This bridge can carry tanks and facilitate faster movement of military forces between the north and south banks of the lake. China's growing influence in the Solomon Islands after signing the security framework agreement is increasing China's role in the South Pacific region. The agreement is likely to have far-reaching consequences for much of the world, particularly since several shipping lanes connecting the US and its allies run through the region.





China's ever-increasing influence over ASEAN countries is a big concern for India. In 2021, China-ASEAN trade accounted for US\$878.2 billion, outstripping India-ASEAN trade, which stood at US\$78 billion.

China's attempts to increase its footprint in the Indian Ocean is a matter of stress for India. Recently, China was successful in docking the Yuan Wang 5—a Chinese spy ship—at Hambantota, Sri Lanka, which was particularly concerning for India.

China is trying to encircle India by establishing its military and commercial activities in the Indian Ocean, which is famously called as String of pearls theory. This string of pearls is a threat to India's national security.

India is trying to restrict China's monopoly over the South China sea because it is one of the main trade routes. Thereby South China sea became one of the main issues between India & China.

It has been reported that Chinese smartphone manufacturers are not following the taxation norms in India. This means Chinese companies are taking advantage of our market to illegally transfer money to China.

China is maintaining good relations with Pakistan. It is building the most advanced naval warships for Pakistan, and it is also selling weapons to Pakistan. As a result of this, India has national security concerns. And as a part of the Belt & Road initiative, China is building infrastructure projects in Pakistan, which is called as China-Pakistan Economic Corridor (CPEC) – This CPEC passes through Pakistan-Occupied Kashmir. India is not ok with it because of security concerns. So this became another dispute between India & China.

There are water issues between both countries. China started projects to divert Brahmaputra water from flowing into India. This is one of the major threats to India from China.

China is blocking India from entering into the Nuclear Suppliers Group (NSG). This is another issue between India & China.

There is a huge trade deficit between India & China. In the fiscal year 2021-22, there is a \$72.9 billion dollar trade deficit in China's favour.

In a nutshell, it can be said that the neighbouring dragon should be well tamed with amicable relations and good natured diplomacy.

# 75 Years of Independent India:

India's Achievement in Science and Technology

Written By:

**SIDDHI DAREKAR**

**EXTC. sem. 6**



**I**ndia completed glorious 75 years as an independent nation on 15th August 2022. Celebrated the day when we had freed ourselves from the shackles of colonial rulers and decided to reshape our destiny and bow to all those men and women who made enormous sacrifices to make it possible.

1947, the newly born independent India inherited a shattered economy from the British. The partition of the country and subsequent political disturbances stalled the economic development completely. India, after so many years of exploitation at the hands of foreign rulers, was marked by poverty and illiteracy. The reconstruction of the country became a major challenge to the Government. The role of science and technology was crucial for this endeavour. The first Prime Minister of India, Jawaharlal Nehru said, "The key to national prosperity, apart from the spirit of the people, lies, in the modern age, in the effective combination of three factors, technology, raw materials and capital, of which the first is, perhaps, the most important,

since the creation and adoption of new scientific techniques can, in fact, make up for a deficiency in natural resources, and reduce the demands on capital. But technology can only grow out of the study of science and its applications."

We live in a time when technology quintessentially puts the whole world together. Digital technologies are used in almost every aspect of our daily lives today. In the last seven-and-a-half decades, India achieved remarkable development in agriculture sector, heavy industry, energy production, nuclear power, space technology, biotechnology, telecommunication and science education and research. India was ranked 46th in the Global Innovation Index in 2021. Also As of July 2021, there are more than 52,000 start-ups in the country, making India one of the largest start-up ecosystems in the world. The new look India is all poised for a giant leap forward in science and technology.





Technology in agriculture played important role in basic development. The Green Revolution made India self-sufficient in foodgrain production where as White revolution laid the foundation for a dairy revolution in India and a national milk grid. Blue revolution worked for development of fish farming.

Vikram Sarabhai was instrumental in creation of The Indian Space Research Organization (ISRO). ISRO launched first-ever Indian satellite was the 'Aryabhata', which was designed and manufactured in India. On 11th May 1998, India successfully tested five nuclear bombs underground in Pokhran, Rajasthan.

Chandrayaan-I was India's first-ever mission to the moon, launched on 22nd October 2008 from Sriharikota, Andhra Pradesh. Launched on 5th November 2013 Mission Over Mars i.e. 'Mangalyaan' marked India's place in the field of space exploration being first ever interplanetary mission and apart from the scientific breakthroughs, MOM is also lauded for its cost effectiveness. Recently the Gaganyaan Programme is designed to demonstrate human spaceflight to Low Earth Orbit.

The world has seen a new India rising in recent years, more so after the outbreak of COVID-19. Our response to the pandemic has been appreciated everywhere. We launched the biggest vaccination drive in human history with vaccines manufactured in the country itself. India was at the forefront of the vaccine development research, eventually becoming one of the largest manufacturers and exporters, have supplied over 7 Crore COVID-19 vaccine doses to more than 90 countries. India today is known as 'pharmacy of the world'.

Inspite of being under colonial rules for decades, just in 75 independent years we came across a long way. And this is only the beginning we have a lot to look forward to. "As a young citizen of India, armed with technology and love for my nation, I realise, a small aim is a crime." Said one of the greatest scientists of his time, Missile Man Dr. APJ Abdul Kalam. Rather than complaining about our under-development country, young minds of our nation should take more dedicated efforts towards its betterment selflessly. Together with the spirit of Ek Bharat, Shreshtha Bharat we are already on course to build an Atmanirbhar Bharat, an India that would have realised its true potential.

# IMPACT OF HASHTAG ON SOCIAL MEDIA

Written By:

**TREVOR DCOSTA**

**Comps. sem. 8**



Social media has been a blessing and a curse, allowing us to showcase our talent and explore the latest news, drama and entertainment. Hashtags like #metoo or #BLM have brought out the present aspects of rape culture and racism, but what occurs to those who never make it to the mainstream algorithm? Let's look at one case of #justiceforarvey, where Avery Malhotra, a student at Delhi Public School, Faridabad, committed suicide due to bullying and sexual assault by nine of his classmates. The teacher who was held accountable for negligence has been granted bail and is to join back the school, while Arvey's mother was unlawfully removed from the school after his death. The mother took to social media platforms (Instagram) to seek justice for her child.

The mainstream media has remained silent in India despite decriminalizing LGBTQ, and there is no proper representation or basic human rights. Arvey's case portrays how gender representation works, and how authorities prioritize people who don't fit the default of the binary aspect.

Hashtags are unlikely to last in longer bouts of time if they do not surpass the mainstream algorithm of the region and aren't blatantly in the interest of the majority of the social media users. Hashtag culture has its rise and downfall, as the algorithm pleases and disappears in the breeze without any track to find.



ANNUAL

# Reports



# ETAMAX 2022

22



Etamax is the annual technological inter college fest of FCRIT, ETAMAX indeed special fest for all Agneliest and the institution as well. Sing or dance, code or paint, write or listen, build or analyze, ETAMAX serves the best opportunities to grow and developed in the form of the workshop, competitions games etc., A splendid blend of cultural and technology, involving all students and setting a platform for everyone to flourish with flying colors future, Etamax FLEUR was all set to celebrate a marvelous manner.

There were 32 cultural events

which consisted of 23 competitions, 5 workshops and 4 Fun events.

There were 22 Technical events which consisted of 14 competitions, 8 workshops. There were 8 sports events.

Etamax gives students the best opportunity to grow and develop in all aspects of their life. Students were highly encouraged by the appreciations and suggestions by the experts.

FCRIT Drone was conducted for the first time in the collage as well as in Navi Mumbai. The highlight of the event is the there were participants from all over India.





# FACES 2022

23



The student council organized a memorable and joyous cultural and sports fest- “FACES “. The fest was held from 15th to 17th September 2022 on the college campus.

The MANTHAN team organized the funfair on the 15th and 16th. There were four events: lip sync, try not to laugh, vibe check, and mini-games which included blow the cup, pen fight, and tic tac toe. Try not to laugh was enjoyed the most by the students and the teachers. Vibe check also drew a large crowd and resulted in sizable income. The Photo Booth was the fun fair's most engaging feature.

The games and prizes provided were both quite appealing, which helped the organizers successfully draw in the crowd. At each game, there was commotion and activity. Manthan's team members actively contributed to the event's success.

Nearly 90 individuals actively engaged in the event on the first day. Whereas on the second day, almost 50 people participated. Everyone enjoyed it a lot and dispersed with a sincere hope that such fun events should be organized time and again.





A team of 7 members aspiring to fly high, set a spark for the foundation of Aero Club in 2019.

The team began the path of aero design, i.e., the designing and manufacture of a highly stable heavy-lifting RC aircraft falling within set restrictions, in August 2019 after registering for their first SAE Aero Design Challenge event.

This year as well we designed and fabricated a conventional designed aircraft named 'White Fury' which carried a payload weighing 2 kg in the SAE ADC 2022 and because of this, we got an overall AIR 10 in SAE ADC 2022 out of 80 teams from

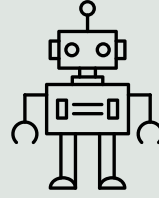
all over India.

The AeroFCRIT has established a drone department, and starting in 2023–2024, it will compete in two national-level contests

In March 2022 our club organized a national-level drone racing event known as IDRL in our college. This event was organized in our college fest, ETAMAX, and was the first event of IDRL to be held at Navi Mumbai. A total of around 25 pilots from all over India participated in the event. This event was a grand success of ETA-MAX and got our club the recognition it deserved.







For nine years, ARC has competed in the Asia-Pacific ABU Robocon competition and continuing with the tradition, our team has excelled in Stage - 1 of the competition with a perfect score of 100/100. In Stage - 2, they managed to achieve a score of 91/100 and qualified in the Stage 3 National Finals and scored AIR-15 out of 42 colleges nationwide.

This year, to celebrate its 21st anniversary, ABU Robocon 2022 is conducted in India, the topic being Lagori. Abiding by the rules, the team built two robots namely, R1 and R2.

In addition to the Robocon-related activities, our team also encourages students to get into the field of robotics and designing by conducting various workshops.

Along with that, the team members also provide aid and inventory to those who are getting started in robotics and automation.

From day one, the team gets to work brainstorming and testing various prototypes to come up with that one unique solution.

With a team of 24 ambitious engineers belonging to different branches, work together with just one goal in mind - to improve the better and perform our best.





The event "STEM education" was organized on 4th March 2022 at Modern School. All the students of the IEEE council were welcomed to teach the student of their respective schools as STEM professionals. The seminar covered four vital mini projects and gave a short presentation on each by explaining various projects with their designs and circuits executing in different cases. Students got to know the role of various devices in the making of projects. In the end, a question-answer session was organized where all the students got their doubts cleared.

The event was conducted by the students of FCRIT. The engineering students gave an informative and insightful presentation about the circuits and some projects.

The STEM learning experience fostered a learning environment that extended and deepened STEM content learning while providing opportunity and access to content, settings, and materials that most middle-level students otherwise would not have access to. Most importantly, all the essential concepts were well and understood comprehended by the students providing them a clearer way to the details.





FAREWELL  
BATCH 2019-23





# *comps* 2019-23





# IT 2019-23





**m&chl**  
**2019-23**







# EXTC 2019-23





EDEL  
2019-23



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Comp. sem. 6



**Shruti Dalvi**  
Comp sem 4



**Vansh Jain**  
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**Rhea Gomez**  
IT sem 4





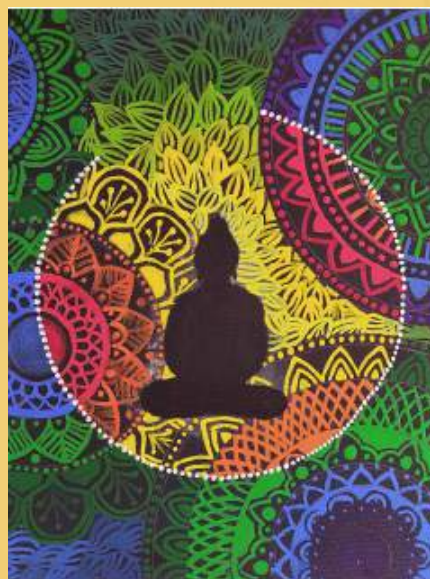
**Manas Mali**  
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EXTC SEM 6



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EXTC SEM 6



PURVI PASSI,  
COMP B SEM 2





TREVOR D'COSTA  
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