RAISONI GROUP
a vision beyond

G H Raisoni Institute of Engineering & Technology, Nagpur

(Approved by AICTE, New Delhi and Recognized by DTE, Maharashtra)
An Autonomous Institute Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

Accredited by NAAC with "A+" Grade

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Engineering | Management | Law | Schools | Other Courses

NAGPUR ■ PUNE ■ JALGAON ■ AMRAVATI ■ CHHINDWARA

RAISONI GROUP OF INSTITUTIONS

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B.Tech First Year Magazine 2022-23

THOUGHT UNLOCK

"Self Discipline is the Magic Power that Makes you Virtually Unstoppable"



EDITORIAL COMMITTEE



Ms. Riddhi Sharma



Ms. Divya Kalamkar



Ms. Sejal Kumbhare

We are Thrilled to Present to you the Latest Edition of Our College Magazine, A True Reflection of the Vibrant and Dynamic Spirit that Permeates our Campus. As the Editor, it is Both an Honor and a Privilege to Curate this Collection of Voices, Perspectives, and Stories that Encapsulate the Essence of Our College Community.

This Magazine Stands as a Testament to the Incredible Talent, Creativity, and Intellect of our Students. It Serves as a Platform for Sharing Knowledge, Celebrating Achievements, and Fostering A Sense of Unity Among our Diverse Community. With Each Page Turned, You Will Delve Into A World of Thought - Provoking Articles, Awe-inspiring Artwork, and Engaging Literary Pieces.

In This Edition, We Have Sought to Capture The Pulse of our College, Addressing Topics that are Both Timely and Relevant. Our Contributors have Passionately Explored A Wide Range of Subjects, from the Intersection of Technology and Society, to the Pursuit of Sustainable Living, to The Importance of Mental Health Awareness. Their Work Embodies the Spirit of Critical Thinking, Curiosity, and Social Responsibility that Defines our College.

We Would Like to Express our Deepest Gratitude to our Dedicated team of Writers, Photographers, Designers, and Editors who Have Poured Their Heart and Soul into Making this Magazine A Reality.

Lastly, I Would Like to Extend my Sincere Appreciation to our Readers. Your Support and Engagement are what Make this Magazine Possible. I Encourage you to Explore Its Pages with An Open Mind, to Challenge Your Perspectives, and to be Inspired by The Incredible Work of our College Community.

Together, Let us Continue to Strive for Excellence, to Embrace the Power of Knowledge, and to Make A Positive Impact within and Beyond the Walls of our College. May this Magazine Serve as A Catalyst for Growth, Innovation, and Positive Change.

Happy Reading!

[Riddhi Sharma Divya Kalamkar Sejal Kumbhare]

Editors

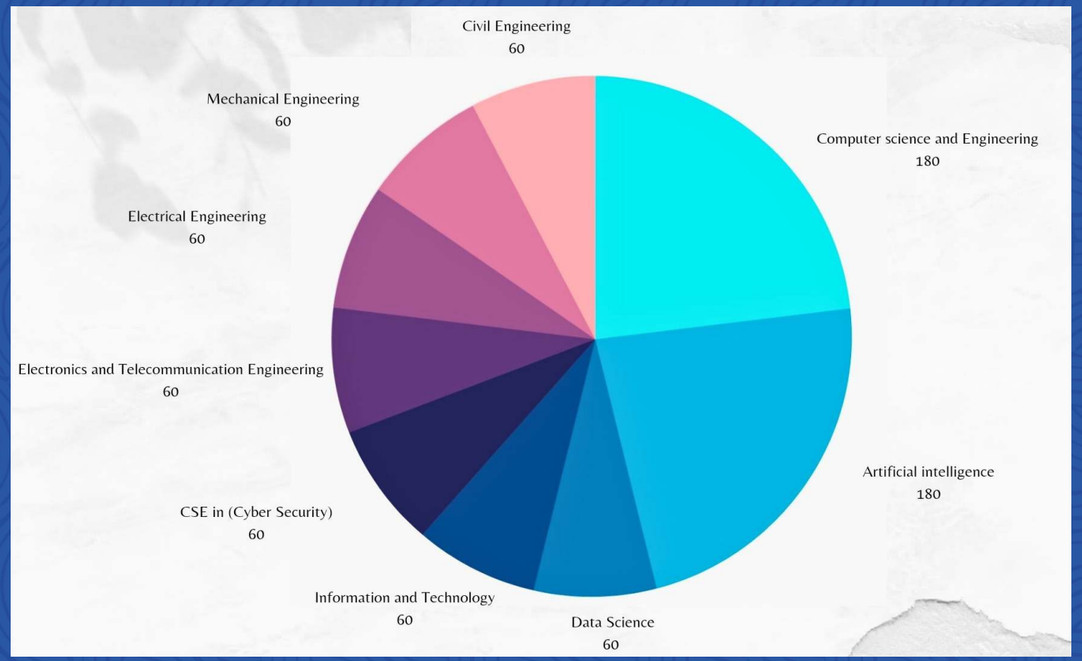
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ABOUT FIRST YEAR DEPARTMENT

(B.TECH) COURSES	SEATS
*Computer Science and Engineering	180
*Artificial Intelligence	180
*Information Technology	60
*Data Science	60
*CSE in (Cyber Securities)	60
*Electrical Engineering	60
*Electronics and Telecommunication Engineering	60
*Civil Engineering	60
*Mechanical Engineering	60

TOTAL INTAKE OF FY ENGINEERING = 780 SEATS



OUR GUIDING SPIRIT

Innovation is the key to the progress in the modern world. In our pursuit of excellence we are constantly striving to upgrade newer areas of education to make our programs more relevant to the students, firms and stakeholders. Our prime aim is to enhance the employability of students. We endeavour is to provide a rewarding experience for the students so that they can meet the challenges and demands of the corporate world and society through successful careers. As we have embarked on our journey we seek the active association of the corporate world to partner with us for the various opportunities. Our dream is that GHRIET should play a definitive role in shaping the careers of tomorrow's leaders and develop individuals who can impact global development.

We wish to provide to the nation good quality trained human resources having inquisitive minds and persistence to change their own and organization's lives and contribute for Nation building. We wish a successful career to our graduates.



Shri. Sunil Raisoni
Chairman, RGI

OUR MOTIVATOR

G H Raisoni Institute of Engineering & Technology, strive to provide a learning environment and best-in-the-class resources to create the finest Engineers. The world of innovation and technology is rapidly altering. Thus, it is the need of the industry that the educational institutes continue to update and upgrade. This is exactly what is pursued at our college. In order to embark on the journey of success preparation, foresight and strategies are required. The GHRIET will always be the establishment of edification, innovation and promising knowledge for our students. We have the state of art infrastructure. It, mingled with the highly qualified experienced teachers, well planned curriculum, Outcome Based Education and excellent facilities has made sure to aid students in becoming knowledgeable and skilful Engineers in the past and for the future to come



Dr. Vivek Kapur
Director, GHRIET

STRENGTH OF FY DEPARTMENT



Dr. Lalita Bisen
Dean First Year

It is with profound pleasure, humility and anticipation that students launch a magazine which carries the contributions reflecting the ethos and aspirations of the students.

As an educationist I have come to realize that the students should be encouraged to push the boundaries, look beyond the academics and achieve dreams that seem distant. It is commendable that students have such creative talents and we are more than happy to provide them a platform to express themselves. I congratulate every student who has contributed and shared his/her creative ideas in the magazine.

Radiance Forum



Ms. Gauri Ghantade
President
(CSE)



Ms. Vice President
Ms. Madhuri Panchware
(AI)



Ms. Arya Rajendran
Girls Representative
(CSE)



Ms. Shruti Singh Thakur
JS. Sports
(Cy. Sec)



Mr. Aayush Naylewar
Volunteers Incharge
(ME)



Mr. Ayush Khandare
Volunteers Incharge
(AI)



Mr. Harsh Jain
Treasurer
(CSE)



Ms. Riddhi Sharma
Sec. Academics
(CSE)



Ms. Divya Kalamkar
JS. Academics
(ETC)



Ms. Sejal Kumbhare
Volunteers Incharge
(CE)



Mr. Prajwal Wanjari
Volunteers Incharge
(ME)



Mr. Sehnawaz Ansari
Volunteers Incharge
(Cy. Sec)



Ms. Kanak Nighote
Sec. Cultural
(CSE)



Ms. Kanchan Dhote
JS. Cultural
(IT)



Mr. Siddesh Channe
Sec. Sports
(ME)

PRESIDENT



MS. GAURI GANTHADE
President Radiance Forum

I hope this message finds you all in good health and high spirits. As we reach at end of the academic year, I wanted to take a moment to reflect on my experience as your College President and express my gratitude for the privilege of serving this remarkable institution.

When I first assumed this role, I knew that it would be an incredible responsibility, but I could not have anticipated the depth of the joy and inspiration it would bring. Over the past year, I have witnessed the extraordinary dedication and talent that permeates every aspect of our campus community.

One of the joy and inspiration it would bring. Over the past year, I have witnessed the extraordinary dedication and taplent that permeates every aspect of our campus community.

One of the most rewarding aspects of my position has been the opportunity to work closely with our exceptional faculty. Your passion for teaching and commitment to academic excellence have elevated the educational experience for our students, and I am continually impressed by your innovative approaches to pedagogy and research.

To our hardworking staff members, thank you for your invaluable contributions behind the scenes.

Speaking about fellow mates, they are the heart and soul of our institution. Their boundless energy, intellectual curiosity, and diverse perspectives breathe life into our campus. Witnessing their transformative journey, from eager freshmen to confident graduates, has been a constant source of inspiration. As a College President, I believe in the power of collaboration and open dialogue Of course, no journey is without its challenges. We have faced unforeseen obstacles, adapted to evolving circumstances, and overcome adversity together. The resilience and determination displayed by our entire community have been truly remarkable. Looking ahead, I am filled with optimism for what lies ahead for our college.

In closing, I want to express my deepest gratitude for the trust you have placed in me to lead this institution. It is an honor and a privilege .

Thank you, and I wish you all continued success.

VICE - PRESIDENT



MS. MADHURI PANCHWARE
Vice president (Radiance Forum)

"Difference between ordinary and extraordinary is that little extra"

Dear readers,

I wanted to take a moment to personally connect with all of you It's an absolute honor to be a part of this incredible college community and being a vice-president, the feeling is unreal.

First and foremost, I wanted to extend my heartfelt gratitude to our amazing deans, faculties, staff & students.

To all my mates, I hope you all are in good health and high josh. We are in same academic journey but different destinations. Don't really know where we are destined, so today let's enjoy, work harder than yesterday and keep yearning for what we want ourselves to be tomorrow. Yes it's tough to withstand the ups and downs of college life, but just remember one thing it's a part of life, bearing this will make u much stronger and bold in future.

Keep thinking of that one day you are devoted for, it will keep you motivated. Be prepared for the upcoming storms of your life but also celebrate the victory too. Ever feel down, just remember your amazing friends you got by your side. Nothing is for forever, everything thing has an end to it, so as your golden hours and also your nightmares. The college has a lot to offer other than just education and skills, take everything you want. Let your life be ruled by you, not by circumstances.

At last, give yourself a second chance every time you fail, cause no one will trust you more than yourself

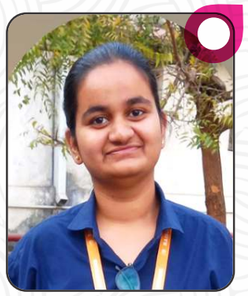
Have a good day ahead

CR'S OF FIRST YEAR DEPARTMENT

CSE - Section A



Mr. Atharv Ghate



Ms. Atishree Shrivastava

CSE - Section B



Mr. Priyanshu Singh



Ms. Riddhi Sharma

CSE - Section C



Mr. Siyan Khan



Ms. Tanaya Pillewan

CSE - Section D



Mr. Ansh Agrawal



Ms. Diya Pupareddiwar

AI - Section E



Mr. Rishabh Sharma



Ms. Labdhi Soni

AI - Section F



Mr. Vrushabh Mowade



Mr. Shravan Mate

DS - Section G



Mr. Dhruv Barapatre



Ms. Siddhi Dhomne

CV S - Section H



Mr. Varun Gotmare



Ms. Shruti Thakur

IT - Section I



Mr. Piyush Tawekar



Ms. Lisha Patle

ETC - Section J



Mr. Rishikesh Pandit



Ms. Falguni Bolakhe

EE - Section K



Mr. Gagan Chafale



Ms. Samiksha Bahadure

CE - Section L



Mr. Hardik Patil



Ms. Aditi Meshram

ME - Section M



Mr. Siddhant Patil



Mr. Praful Kinkar

“You learn **something new** every day if you pay attention”



Creative Section

THE DEFINITIVE GUIDE TO SUCCESS

Umang C. Gayki

'Success is not easy you have to put yourself on fire'. This is a harsh reality of our day to day life. Not every child can score above 90% but a child can definitely score according to his potential and a Capabilities. Usually when children go to higher classes, it is observed that they are not able to p Cope up. Sid was an intelligent, all-rounder student. But lately, his grades had started to fall. He was under lot of pressure as he was not able to deliver his best. When Sid was not able to score good marks In an exam, he started losing his confidence. Slowly Sid's interest in studies started declining. This is not just a problem for Sid but many students as well, as they go in higher classes. Often it is found as the studies start increasing, the child gets drained and is not able to cope up with the curriculum. It is important to remember that one bad exam or grade does not define one's potential. It is imperative at such time to do self-assessment and to comprehend what is the problem, where are we lacking? Was it that Sid was incapable to cope up with the syllabus or was he facing some other intricacy? Sometimes, with growing age and studies, there are other factors that lead to the downfall or disinterest in studies. They are:

1) Lack of Discipline: It is truly said, 'Discipline is the bridge between goals & accomplishments'. Discipline is and give a positive performance.

2) Avoid Procrastination: Procrastination delaying or means postponing a task. Mansi had a habit of submitting her assignment on last date. She kept on postponing the completion of assignment by idling away her time on mobile. She used to submit her assignment late due to procrastination and then get low grades. This might have caused her to feel anxiety and stress. Sometimes students also procrastinate because they have the fear of failure. They need to remember that failure is not the end of the road. It is not the opposite of success but it is a part of success.

3) Time Management: Some students keep on postponing the work till the last minute which causes them to experience time management issues. Many a time's student find it hard to balance between their school, classes and personal life. Instead of planning long term goals, they should focus on small term goals. They can have a wall planner or a calendar for regular reminders and mark it with important dates. They also need to learn to prioritize. Along with all these, initially start studying for 30 minutes and then take a 5 minute break from studying, to refresh your brain and increase your productivity and ability to focus. Be cautious not to take a social media break or else you will fall into the deep hole of social media and will not realize when your 5 minutes were up.

4) Lacking a Support System: It is always helpful to have a strong support system of friends and family. They keep you motivated and on the track when you struggle to stay focused. Beside regular studies, students need to spend some time on their hobbies, do regular exercise and medalitate as 'A healthy body gives a healthy mind'. Overcoming all these problems will help the students increase their potential. boost up their confidence and lead them to success.



HOW TO BE YOURSELF

Karan Yede

Some people go their entire lives without examining or understanding their true selves. They let others tell them who they are. They let society determine their goals and dreams. It's the easy way out.

You're not one of those people. You want to dig deep and learn how to be yourself - your true self. Once you do, you'll reveal a life filled with possibility and fulfillment.

1. KNOW YOURSELF

Our beliefs about who we are go all the way to childhood. We're born as sponges, and we soak up our environment without even realizing it. We form an opinion of ourselves that we think is true but it's actually how others want us to be. These opinions become our limiting beliefs, and before you can answer the question "How can I be myself?" you must strip them away. Your true self is underneath.

2. LET GO OF NEGATIVE

Limiting beliefs manifest as negative self- talk. To overcome limiting beliefs and learn how to start being yourself, listen to your inner monologue. You may tell yourself things like, "I've always been this way" or "I'm just not good at this." Perhaps you tell yourself that you need to be perfect to be worthy of love. Catch this self-talk and question it. Is it masking who you really are?

3. FOCUS ON YOUR STRENGTHS

Your negative traits are not who you are. Replace negative self-talk with positive thoughts that empower you to be yourself. When you focus on your strengths, you build yourself up instead of tear yourself down. Not sure what your strengths are? Think of the times in your life when you've felt the most "in your element." You felt that way because you were finally discovering how to start being yourself.

4. STOP LIVING IN THE PAST

Your past does not equal your future Everyone has made mistakes. They don't have to define who you are, and you don't need to spend your life atoning for them. Learn how to let go of guilt and stop living in the past Your life can be anything you want it to be - so make it extraordinary.

5. STOP CARING ABOUT WHAT OTHERS THINK

For many of us, not caring what other think is easier said than done. It's human nature to want to fit in, but our fear of what other people think only holds us back. Remember that what people think of you is actually a reflection of them, not you. You can't control other people's opinions. All you can do is learn how to be yourself and how to be happy with that.

6. BE OPEN TO CHANGE

The human brain is complex. We are the product of hundreds of experiences and pieces of information that our brains process every day. The brain is always learning and changing, so how can we expect ourselves to stay the same? Realize that you can change your opinions and preferences while still fundamentally knowing how to be yourself. To be yourself, you must actually allow yourself to change.

7. BE VULNERABLE

It's easy to show off the good parts of ourselves. But to be yourself, you have to be your whole self. That means being willing to be vulnerable. If you're wondering "How can I be myself?," the answer is to step into your pain and face your fears head on. Be open and honest with your partner and your friends. Tell them how you really feel. Share your

deepest fears. You might be surprised how it strengthens your relationships.

8. EXPRESS YOURSELF

Expressing yourself can help you determine what you enjoy, how your experiences affect you and how to start being yourself. Keep a journal and record what you did well each day and what you enjoyed, as well as things you could have done better. Express yourself through art, writing, music or even gardening. It's while we're engaged in things we love that we feel most ourselves.

9. GET OUT OF YOUR COMFORT ZONE

People crave certainty it's one of the Six Human Needs. Yet we also need growth and variety. Tony tells us that "All growth starts at the end of your comfort zone." The journey to learning how to be yourself starts there, too. Experience new things and notice how they make you feel. You'll learn more about yourself by leaving your comfort zone than you ever thought possible.

10. FIND YOUR COMMUNITY

You've done the internal work. Now it's time to seek support and acceptance for the new you. When you surround yourself with the right people, they'll elevate your best traits and build you up, instead of holding you back. You'll finally feel like you can stop searching for how to be yourself because you're in a place where everyone already who you really are and loves you for it.

DID YOU KNOW?

INDIA'S FIRST DIAMOND RAILWAY CROSSING



Nagpur was considered India's geographic centre by the britishers and was marked with a 0-mile marker.

Diamond crossing is called to the route line railway going north, south, east and west. The diamond railway formed by two double line crossing each other.

Nagpur where trunk railway line running fom Kolkata in the eastern end of India to Mumbai in the western end, and the one form Delhi in the northern end to Chennai and other places in the southern end cross.

UNDERSTANDING DEPRESSION IN TEENS : WHAT TO LOOK OUT FOR

Naman Purohit

Introduction

A recent study found that the number of teenagers who smoke and abuse drugs has increased in recent years. As a parent or authority figure, it's important to understand the root causes of this behavior so that you can help prevent it.

There are many reasons why teenagers might turn to smoking and drug abuse, but most of them can be traced back to one common cause: depression. Teens are already going through a lot of changes in their lives, and when they feel like they can't cope with it all, they might turn to cigarettes or drugs as a way to escape.

Other common causes of teenage smoking and drug abuse include stress, peer pressure, and a lack of self- esteem. But no matter what the cause may be, it's important to get help for your child before it's too late. There is no shame in seeking out professional assistance; in fact, it could be the best decision you ever make for your child.

Signs & Symptoms of Teenage Depression & Anxiety

It's important to be aware of the signs and symptoms of teenage depression and anxiety, as early diagnosis and treatment can be crucial in preventing more serious problems down the road.

Some common signs that a teenager may be struggling with depression or anxiety include changes in mood, withdrawing from friends and activities, problems at school, changes in eating habits, and restless or insomnia.

If you notice that your teenager is exhibiting any of these signs, it's important to talk to them about how they're feeling and see if they need any help. There is no shame in seeking out professional help, and in fact, it can be the best decision a teenager ever makes.

How to Connect With Students Experiencing Teenage Depression & Anxiety

It can be difficult to know how to connect with a student who is experiencing teenage depression and anxiety. After all, they may seem like they don't want to be around anyone, and they may retreat further into themselves.

But there are a few things that you can do to help connect with them. First, try to understand what they might be going through. Talk to them about their feelings, and let them know that you're there for them. You can also connect with them through activities. Find something that they're interested in and get involved. This can help break the ice and show that you care about them.

Most importantly, don't give up on them. They need someone who will stick by them, even when it's tough.

The Link Between Teenage Smoking & Substance Abuse

A lot of people might not realize this, but there is a STRONG LINK between teenage smoking and drug abuse. In fact, a lot of students start smoking as a way to self-medicate and cope with underlying issues such as depression and anxiety.

This is why it's so important for colleges to be aware of the signs of teenage smoking and substance abuse, and to provide support and resources for students who might be struggling.

If you know someone who seems to be struggling, please don't hesitate to reach out for help. There are people who care and want to help, you just have to take that first step.

Interventions That Help Address the Underlying Causes of Teenage Smoking & Drug Abuse

Now that we understand some of the underlying causes of teenage smoking and drug abuse, let's

look at some interventions that can help address these issues.

One common intervention is family therapy. This can help teens to develop better communication skills and to feel more connected to their parents or guardians. Family therapy can also provide support and guidance on how to deal with stressors in a healthy way. Individual therapy is another option that can be helpful for teens struggling with smoking or drug abuse. This type of therapy can provide a space for teens to talk about their experiences and feelings in a safe and confidential setting. It can also help them to develop coping and problem-solving skills.

Finally, support groups can be a valuable resource for teenage smokers and drug abusers. These groups can provide peer support, advice, and information on where to get help if needed.

Ways in Which Parents Can Support Teenagers Struggling With Mental Health

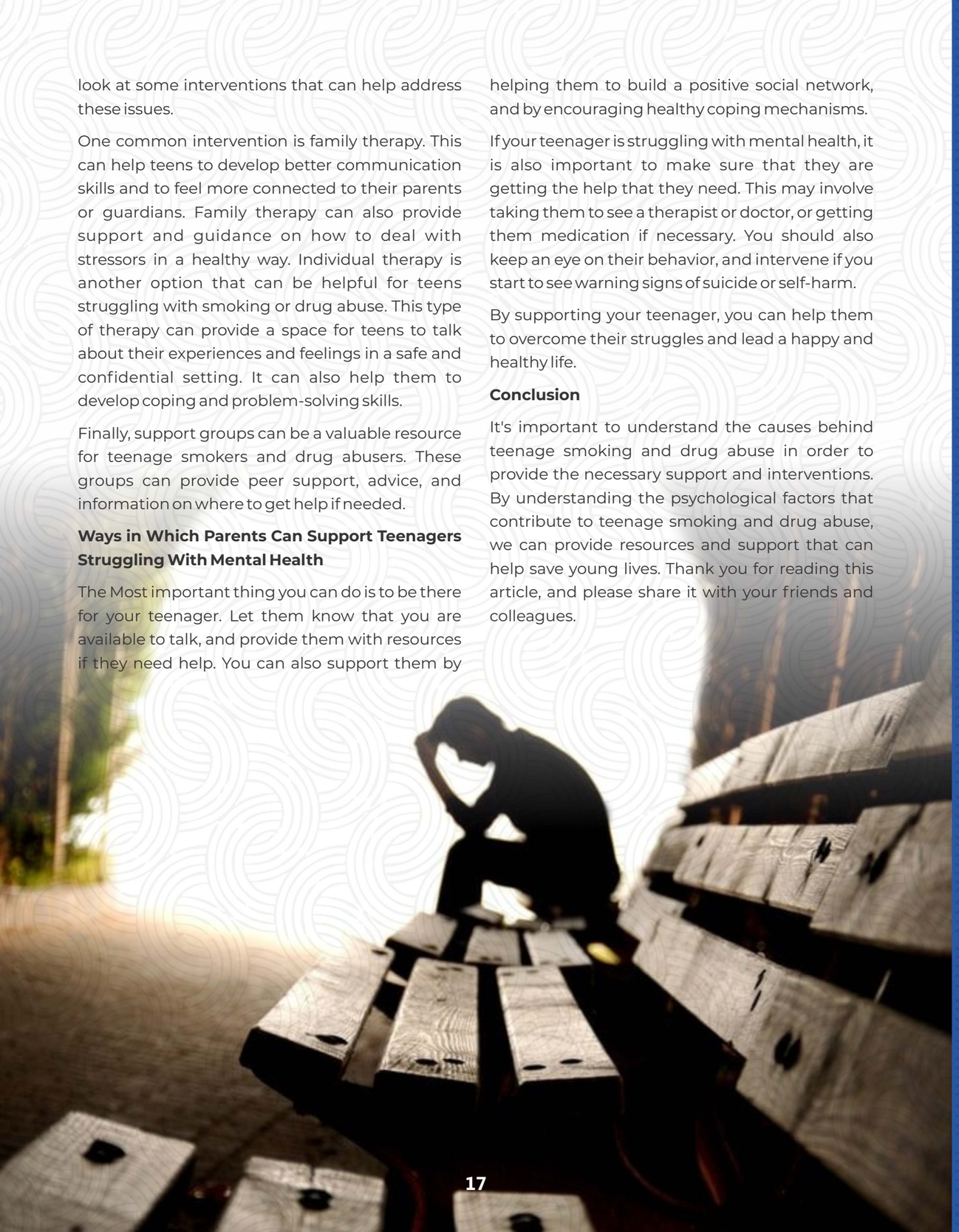
The Most important thing you can do is to be there for your teenager. Let them know that you are available to talk, and provide them with resources if they need help. You can also support them by helping them to build a positive social network, and by encouraging healthy coping mechanisms.

If your teenager is struggling with mental health, it is also important to make sure that they are getting the help that they need. This may involve taking them to see a therapist or doctor, or getting them medication if necessary. You should also keep an eye on their behavior, and intervene if you start to see warning signs of suicide or self-harm.

By supporting your teenager, you can help them to overcome their struggles and lead a happy and healthy life.

Conclusion

It's important to understand the causes behind teenage smoking and drug abuse in order to provide the necessary support and interventions. By understanding the psychological factors that contribute to teenage smoking and drug abuse, we can provide resources and support that can help save young lives. Thank you for reading this article, and please share it with your friends and colleagues.



Small tasks you can do to make yourself feel better :-

YOU CAN DRAW SOMETHING & EXPRESS YOUR FEELINGS

Shreeya Yerpude

Doodling is a good way of getting rid of anxiety and diverting your mind from overthinking. Different types of art have always been a part of people's life helping them get through their toughest time conciously.



mom

Divya Kalamkar (ETC)

She who I belived in since I was born
Who is she? Do I even know her
Well this is for HER.

I came here with blood all over
Your warm smile bloomed this sunflower
I cried as soon as I felt you
From a small seed to a plant I grew

You're so beautiful like a ballerina
Like a tutu you make your
own rhythm dancing on & on
Balancing everything on tip toe
always battling in the area
Held your head high every time
though being defeated & torn

Do we deserve you?
Oh do we deserve you?
No matter how gloom
Your bright energy is always new
Started from a finger
Now to the hands
I'll hold you forever
I had you I'm glad

Although you're still a baby
Afraid of taking big steps LADY
Still you came so far

Soaring higher than ever, smiling less than never
As a kid, don't hold the power to compare
Just being born in your embrace is rare
Other kids get to do the things that I don't
But they never experienced the love you hold

No matter how much we fight
No one will hold the title you do
your existance shines, magical light
The kindness within
you forgave me no matter how
many times I screwed

Can be scary and comfort
Those warm hands give me felicity
You picked me up when I was lying in the dirt
Your lap brings me serenity

Our life is ephemeral
In years you'll leave without saying a goodbye
I'll be a strong woman, not a girl
I'm your pride & you're mine
You're the most powerful creature
Protected me from everything
We were connected by the cord (umbilical cord)
Now by a bond

Do we deserve you.....
..... I'm glad.

जिंदगी को आज हम
अपने मुताबिक करते हैं
खुशनुमा है जिंदगी आज
ये हम साबित करते है।
जब दर्द ये दील का बढ़ जाए
उस दर्द को अपनी दावा बना.
जो निकले चीख कभी फिर तो
उस चीख से अपना जोश बढ़ा.
चलता जाना अपने रास्ते
मंजिल की तरफ अब कदम बढ़ा.
आज इस नीरस मन को
फिर उत्साहित करते है.
खुशनुमा है जिंदगी आज
ये साबित करते हैं।
कुछ कहते है मजबूर है हम
उस वक्त से कुछ अभी दूर है हम.
लेकिन इतिहास ये कहता है
मजबूरी ही बनती ताकत
जब लहू रगो में दौड़ता है
और हिम्मत की होती है आहट.
ऐसे ही गुणों में हम
खुद में हम समाहित करते है.
खुशनुमा है जिंदगी आज
ये साबित करते है
इस दुनिया में सब इंसान नही
इंसान को है जो खुश रह जीता है.
पर जिसको देखो वही यह पर झूठे
से आंसू रोता है.
और नही कोई हम ही
अपने हालतहो के जिम्मेदार है
तो आ अभी से खुद को हम
खुशियों पर अधासित करते है.
खुशनुमा है जिंदगी आज
ये साबित करते है!!

Devyani Belsare (ETC)

IRONY TO BE AN "ENGINEERING STUDENT"

Nirmal Zade (ETC)

All of this story starts with 90% of students who don't know what engineering is and how it is applied in real life. For example, they don't know how to apply (a+b)^2 and that's the real question, know that's funny but it is true.

The returns that we can get on money by doing engineering can be considered the biggest irony in India. have noticed that 10out of 100 people who take admission in Engineering college talk about making money and having a luxurious lifestyle. That's in reality this trap gets so real that those who dreamed of engineering, who want to solve some problem, are made to believe that the money can get us everything. Money is important but it's only helpful if we can use it to feed our stomach, if wo pursued engineering instead of money then the status and respect that we want will automatically come to us.

Every first-year student has the dream to get popular in college by doing activities or by getting top marks in entire college. To be honest, this dream will remain dream for most people because all the other activities distract students to the point that most just pass their courses. Time passes so fast that engineering students do not know how their last year, one of the toughest and most important year for every student. On one side they are happy for getting a job, their profession and on another side, they are scared of leaving the college life forever their professor and friends. For the last 4 year these people have been there the entire life and suddenly, they must leave them and it is one of the toughest phases of their life.

Whenever we remember these precious moments that we had celebrated in our college we start to Smile or laugh without thinking, where we are or what we are doing At the end I just wanna say, enjoy your college life and make these precious moments and live your college life the way you want and be your own super hero.



SILENCE

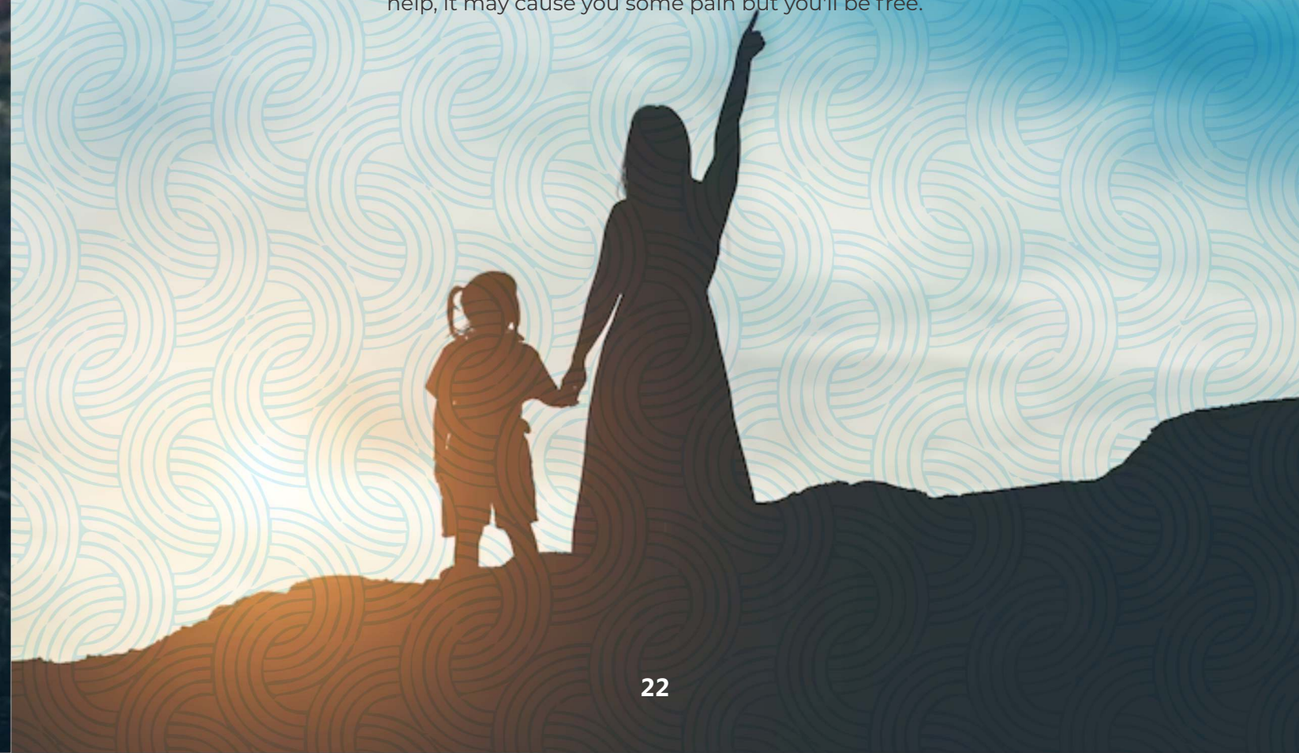
Vidhya Bharati (CSE)

I walked alone along the shoreline,
my foot prints pasted on the sand.
sounded no good to me
the rythm of crumbling seas,
The night was dark and lonely
the winds were howling lightly,
the silence was deep and scary,
chilling my whole body
I could hear the sound of silence
the breaking of the clouds, the roars of the waves approaching,
as it caresses the shores of my lonely nights
I stood, there alone and still,
I let the silence grow,
to drown myself in my pain
Which words never expressed
I sat there like an elf,
no one but myself thinking about my life
which was now in ruins
Finally the tear fell,
wetting my cheeks smoothly, reminding me of the bitterness
as I went into the silence.
Aastha Kalambey

THE SCARS SHE HAVE !

Pradnyokti Hiral (ETC)

My mother. My saviour. My everything.
She fought battles for me, she made it clear was the
only star in her sky. Everytime her pain vanished by
just seeing my face and her cries
turned into smiles. But Mother i want you to talk to me.
I don't want to know if you ate your food or about
weather, I want to talk about the purple marks you
hide behind your dupatta.
I want to tell your that your bangles doesn't hide the scars you
have on your wrist.
Remember that day? When you muffle your cries as you heard my
footsteps mother, That day my heart broke into pieces.
The sound heard of you behind the door crying and
crying I never asked you, were you okay?
Tell me mother, tell me I'm your daughter The silence
doesn't suit you please say something, Please ask fore
help, it may cause you some pain but you'll be free.



ETHICAL HACKING FOR INFORMATION SECURITY

Ruthvik Meshram

1. What is Ethical Hacking?

Ethical hacking involves an authorized attempt to gain unauthorized access to a computer system, application, or data. Carrying out an ethical hack involves duplicating strategies and actions of malicious attackers. This practice helps to identify security vulnerabilities which can then be resolved before a malicious attacker has the opportunity to exploit them.

2. What are the types of ethical hacking?

Since practically every system component may be hacked, there are several ethical hacking procedures. These 'hacking' performances need a thorough understanding of that component. A list of distinct ethical hacking approaches may be found below.

- Web application hacking
- Social engineering
- System hacking
- Hacking wireless networks
- Web server hacking



3. What are the advantages of ethical hacking?

- Ethical hacking helps to save the nation from cyber terrorism and all kind of cyber threats.
- Ethical hacking helps to stop a hacker from intruding into a system.
- It can safeguard the data of Banking and financial institutions.
- Ethical hacking helps find and close the opening gaps through which a hacker can enter and steal the data.

- The common types of cybercrime such as identity theft, computer fraud, privacy breach, electronic money laundering, electronic funds transfer, and so on.

- **Common types of cyber crime which Ethical Hacker can solve**

ATM Fraud

Entails stealing ATM card Information such as account numbers and PINs and information is subsequently utilized to withdraw money from the captured accounts.

Denial of Service Attacks

Entails utilizing computers in various area to attack servers to bring them down

Privacy Breach

Exposed personal information such as email addresses, phone number, account details, etc. on social media, hacking websites, and so on

Privacy Breach

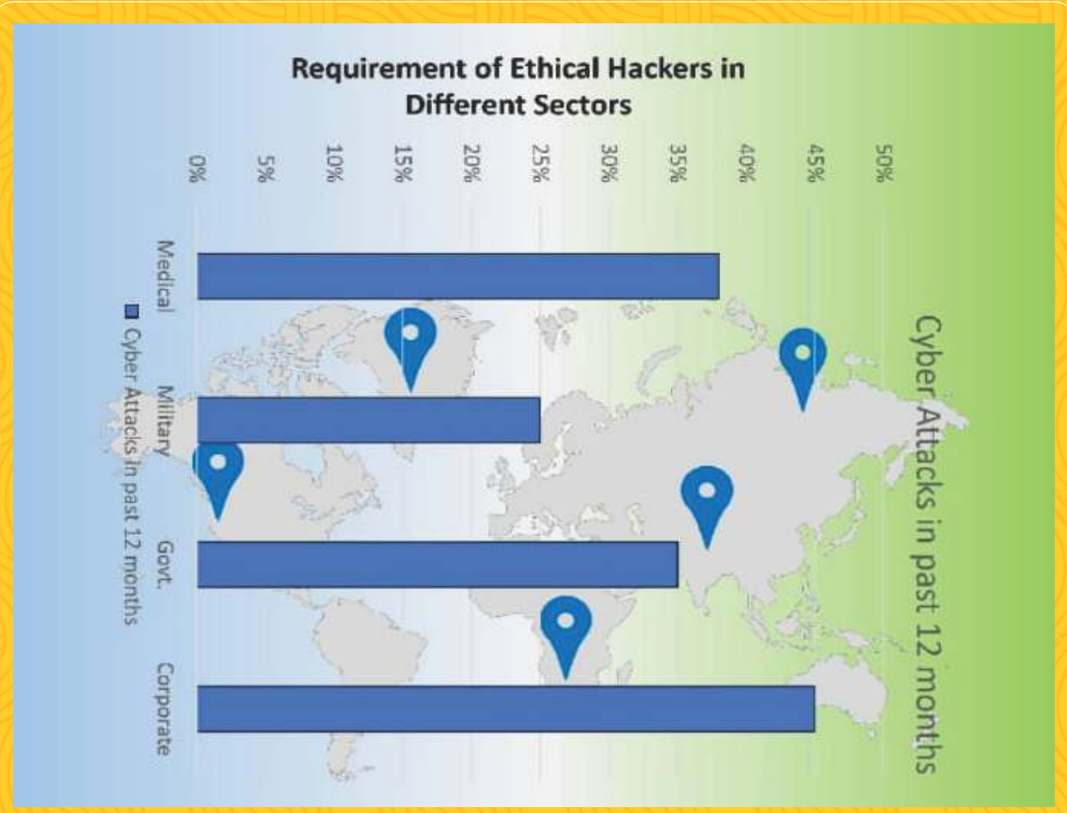
Exposed personal information such as email addresses, phone number, account details, etc. on social media, hacking websites, and so on

Computer Fraud

Intentional deceit for personal benefits usings computer technology.

Spam

Sending unsolicited emails. Advertisements are frequently included in these emails.



PREDICTION

Mrudul Khelkar

I predict the things all day long
Following the thoughts I'm on
Just try to be in my comfort zone
Me, my bed and my smart phone
I predict the future and try to be glad
But things go opposite and i become sad
Small things are enough to make me mad
What if i end up a day by fighting with dad
Isn't it funny to predict the things before
Receiving less outcome in Search of more
Locked in the room with no single door
Stressing myself and why this for...?
Predicting the things just stress me out
Stop my over thinking and shout out loud
Enjoy the present like jumping on cloud
when this will happen i still have a doubt.

MY FATHER

Sejal Deepak Wanjari

My father is a black man...
Skin leathered by the sun
penetrated with motor oil
covers his short, stocky body
like canvas over boulders.
He sweats gasoline and morning dew.
My father peals his mind for me...
Discarding seeds,
bearing the fruits of his wisdom
in calloused hands;

a reminder of freedom sacrificed
for my freedom,
my future.
My father is a hard man...
With gentle eyes,
Thick-framed glasses never
hide immortality
dancing in them on my reflection.
In them, I am perfect
and if not, they are forgiving.

JUST BECAUSE

Mandar Tule (CYB)

TODAY IS NOT A HOLIDAY
IT ISN'T EVEN YOUR BIRTHDAY
BUT I STILL THOUGHT I'D LIKE TO SEND
A SPECIAL MESSAGE TO MY FRIEND

YOU MAKE ME LAUGH AND MAKE ME SMILE
YOU EASE MY TROUBLES FOR A WHILE
WHEN GLOUDS ARE THICK AND SKIES ARE GREY
YOU PUT SOME SUNSHINE IN MY DAY

YOU'RE REALLY THOUGHTFUL SWEET AND KIND
A FRIEND LIKE YOU IS HARD TO FIND
I KNOW I'VE TOLD YOU ONCE OR TWICE
THAT I THINK YOU ARE VERY NICE

BUT SOMEONE WHO'S AS GREAT AS YOU
SHOULD BE TOLD MORE OFTEN THAN I DO
AND SO I SEND THESE WORDS WITH LOVE
WHY DID I SEND THEM....? JUST BECAUSE
YOU ARE MY FRIEND

HEY BUDDY

Riddhi N. Sharma

Hey You! Someone Close To Me
The one who listens every time to me
No worry calling anytime
Be ready with gossips, fun and time.
Talking to you is like
Sharing every moment to empty sight.
Just you keep rolling all of them
Cause you are the only for whom I keep them
Sometimes I share all first to you,
Then to my MOM and others too.
The Way we talk
is of next level
Some are of 15 min
But some like an hour!
I like the way you talk to me
As they keeps me far from tense thoughts towards me.

The Backrooms

An Urban Legend

Hello everyone!! Hope you're having fun while reading this magzine! It's time for some spooky vibes. Let's talk about the backrooms. You might want to look over your shoulder for this one.

The word that best describes the backrooms is "unsettling". There's this place out of reality, not necessarily a parallel universe but it is probably a

place that you don't want to end up in. The backrooms exist outside of reality, that means that their laws, their physics, their space is completely different. It's is said that the backrooms cover close to 600million square miles and that's just what we know until now. There could be more. How does one enter the backrooms? Well sometimes somehow you just slip into it. It's called clipping in. Suppose you have a lot of stuff in your hands and you drop one of them accidentally but no matter how hard you look you're unable to find it. The chances are that it went to the backrooms.

It is said that between 70s and 80s the world's top scientists were panicked over the rapid growth of population. They said by 2022 the population would hit 8 billion and it is on track.

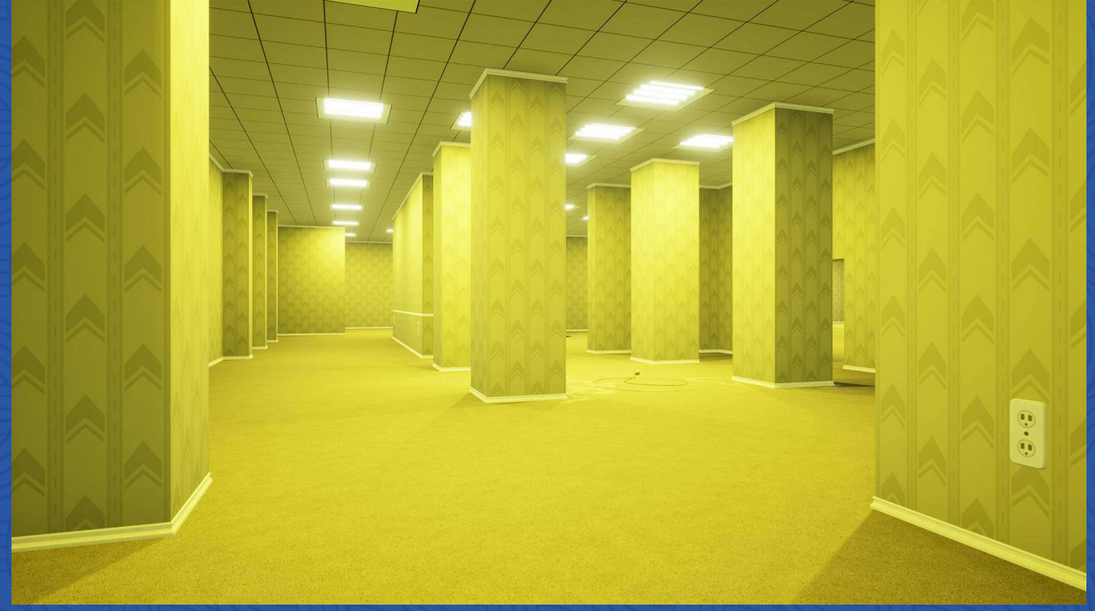
If it kept going in 2050 the world's population would hit 10billion which is not good for our environment. A reaserch organization was formed utilising some of the top minds in science. There plan had to be a little more descrete and technology focused. So a company named Async created another dimension to transfer humans. It was going to be on a different level than Earth's surface so it would overlap with our world not colonizing space. Async was successful. They created what we now call "The backrooms" but they call it "The complex". It was so successful in fact that they made a door called the threshold. The scientist of the tech company went in through the threshold door and it was left open and California hit a massive 6.9 magnitude earth quake. The epicenter was so close to Async's facility that people actually think that the creation of backrooms is what caused the earthquake because of the energy transfer.

You must've seen these pictures many a times: These are few of the examples of backrooms. The most widely known is the endless maze of office room. It's is described to have moist carpet, walls with a monochromatic tone of yellow and buzzing fluorescent light.

There are in total 3 levels in the backrooms (ost widely accepted). The first one is the endless maze of office. This is comparatively safest of all three. Once you enter the backrooms there's no chance that you'll escape it. You're probably not alone in the backrooms. There are others in the backrooms whether they're lost in the backrooms like you or they've always been there ever since the beginning.

Sometimes if there a sound other than buzzing of light immediately walk the other way because it could be coming for you and we don't know what it is. A way to exit this level is there might be a darker coloured walls in some rooms. They can be used as exit points. But that doesn't mean you're going back to you're regular reality. You could be exiting into something way worse.

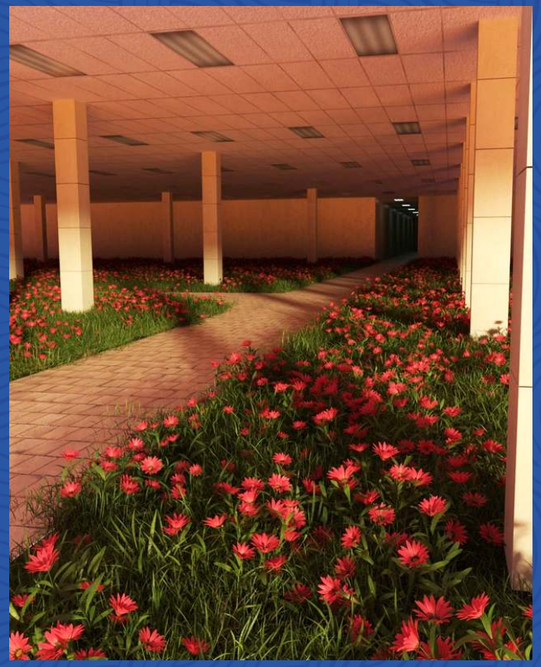
The next is level one. It is a industrial themed system so instead of buzzing of lights you'll be



hearing whirring of machines, constant rumbling, maybe steam coming out of cracks. And the last and by far the most dangerous one is the level 2. It is a dark maintenance tunnel with pipes lining the walls. The buzzing|| sound is more voilent and stronger.

These were the 3 levels and then you have their extended lower back rooms which in simple language are sub levels of each levels. So level 0 can have 100 sub levels and so on. There's more information about different levels of backrooms on the internet.

And with that I would i like to end my article regarding the backrooms. Be careful. Because after you read this you're running down to grab a snack and you could easily miss a step and trip and slip into the backrooms. There you are wandering in the mono yellow walls....



V.R has basically twofold : Virtual reality hardware & virtual reality software

Virtual reality hardware consists of headsets and motion controller whereas the virtual reality software consists of the platform where 3d models and environment are created.

V.R Headset Components :-

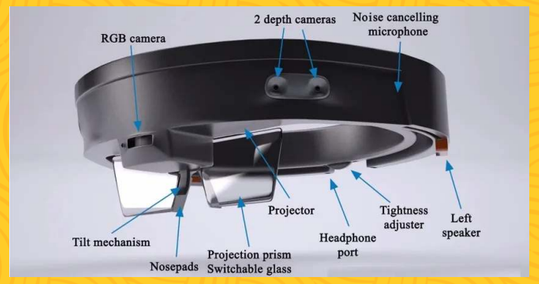


Fig. V. R Headset



Fig. V.R Headset Lens

Virtual Reality Motion Controllers

VR motion controllers are a type of virtual reality hardware component that allows users to take action in a virtual environment through handheld devices. With its help, users can navigate between spaces, pick things up and put them down, climb or descend a hill, and perform other interactive activities.

How does V.R works?

V.R headsets have embedded stereoscopic lenses positioned between a built-in LED screen and eyes, distorting the image so it looks 3-D and real. The headset passes two images through these lenses, one for each eye, similar to our vision

Types of Virtual Reality :-

Virtual Reality

What is Virtual Reality?

Virtual reality (V.R) is a computer simulated environment which can be explored in 360°. Through this technology a person is able to explore the virtual world which would make him feel reality.



Non Immersive (Simulation in Vedio)

Semi-Immersive (provides partial immersion by overlaying digital components over real-world objects.)

Fully-Immersive (provides 360° immersion simulation and experience to user.)

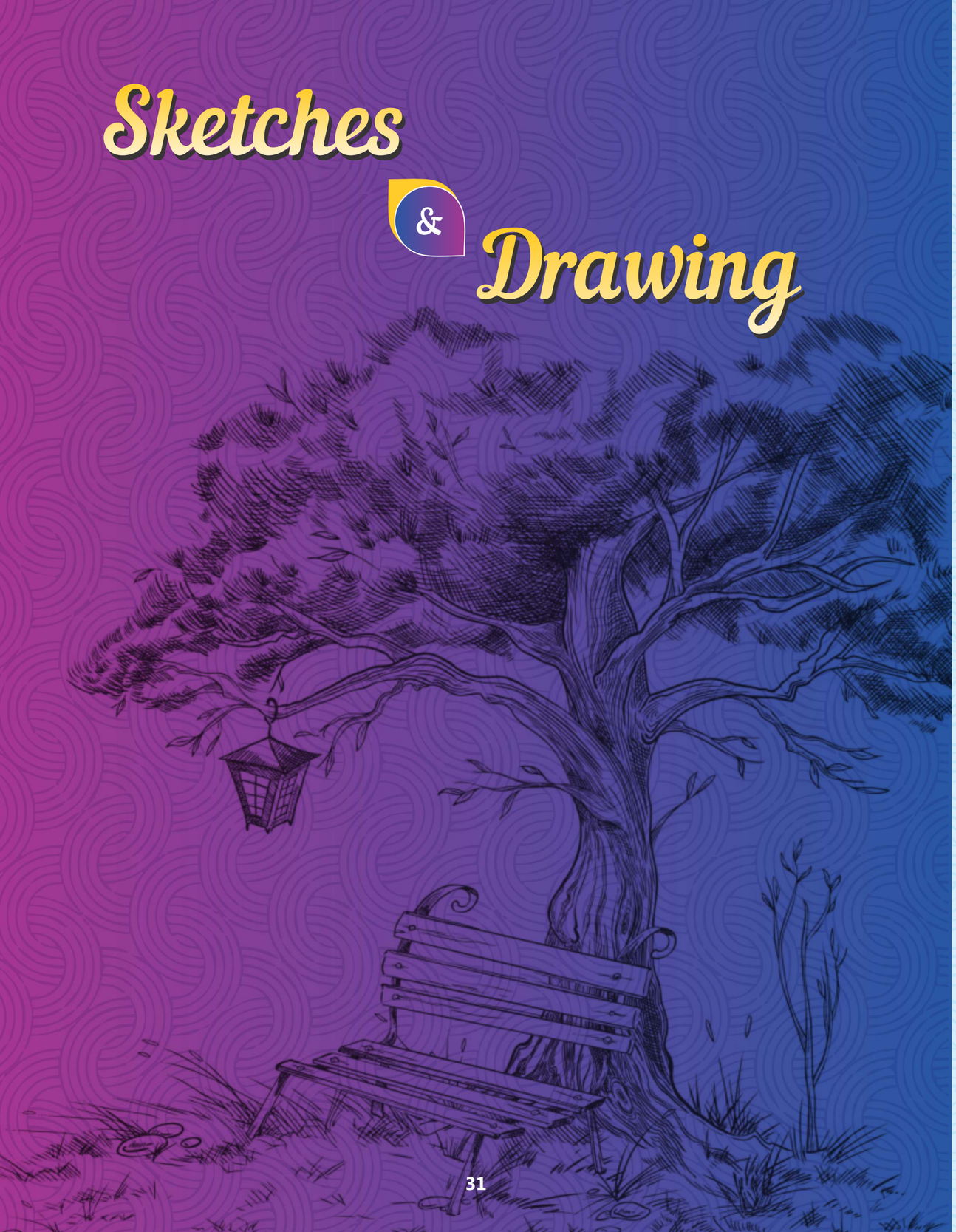
History of V.R

V. R was invented by Ivan Sutherland in 1968 with the help of his students. He created the first mounted display I called 'THE SWORD OF DAMOCLES'

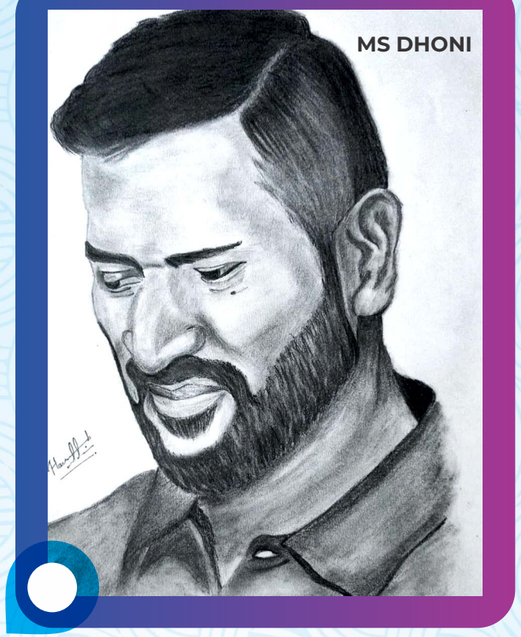
Applications of V.R

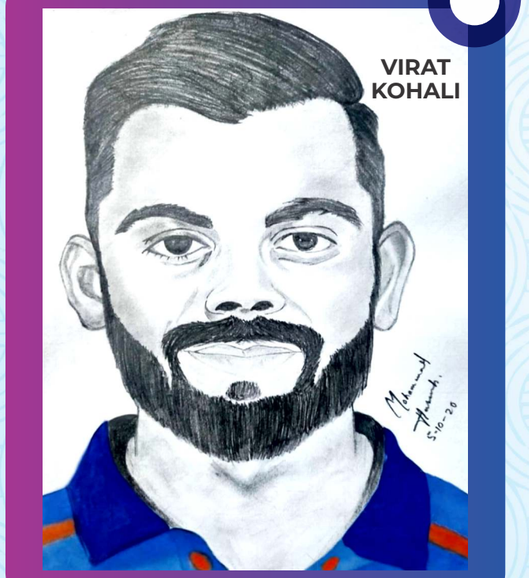
- Education through V.R will clear all concepts of 3d and make studies more interesting.
- Presentation through V.R will make conference more easy and effective as V.R makes clear the point speaker want to convey.
- Clients of civil engineer gets idea of architecture much better via V.R
- In gaming industry.

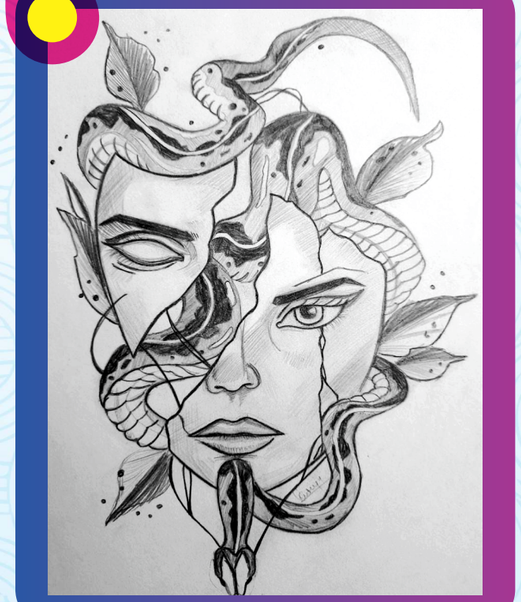
Sketches & Drawing

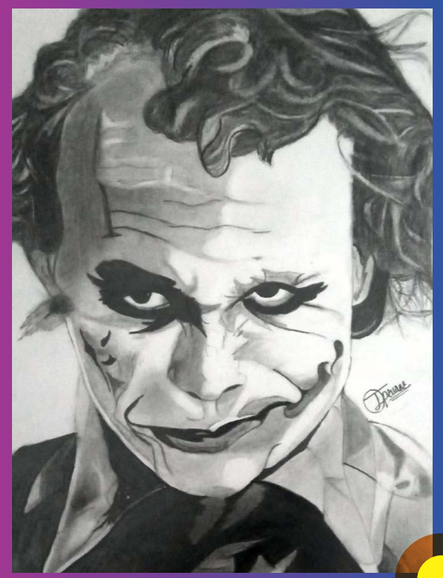






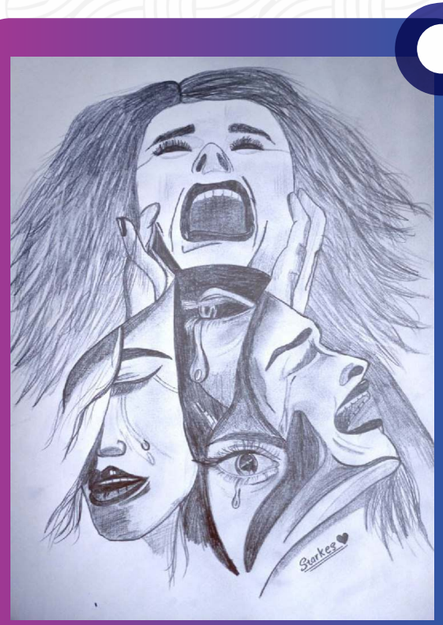






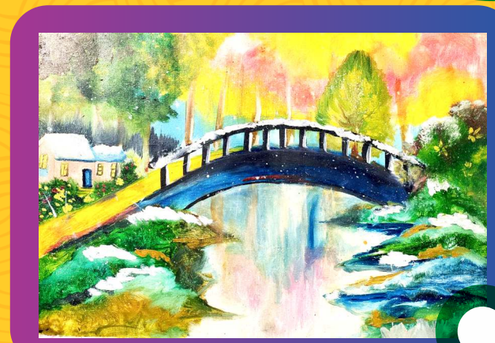


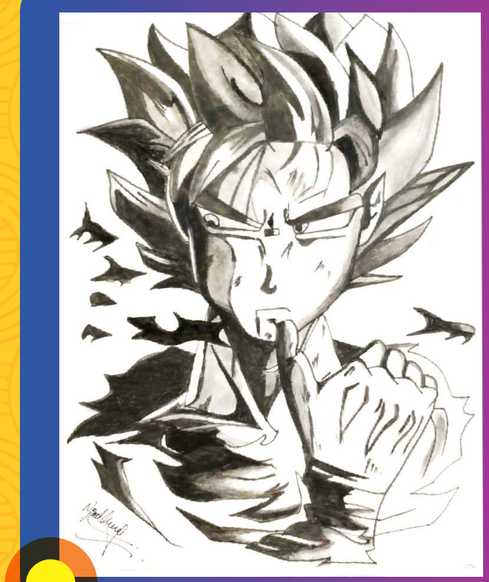






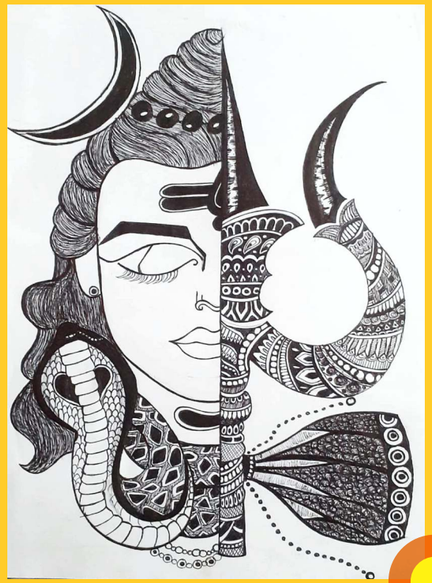






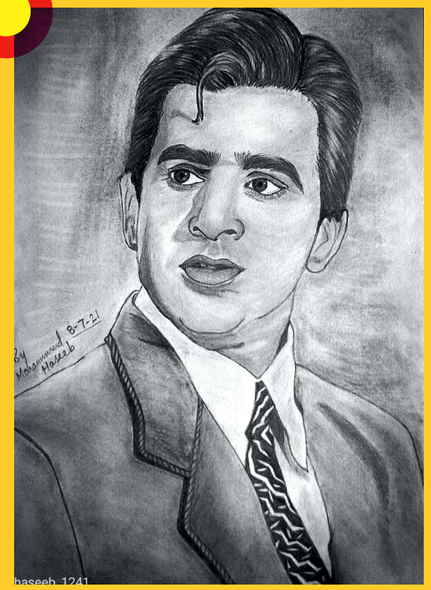


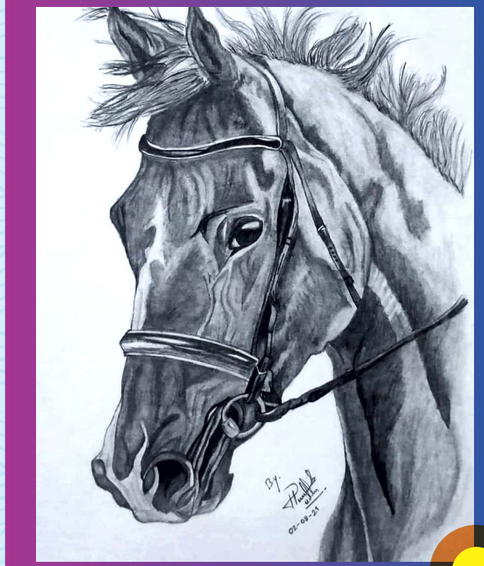


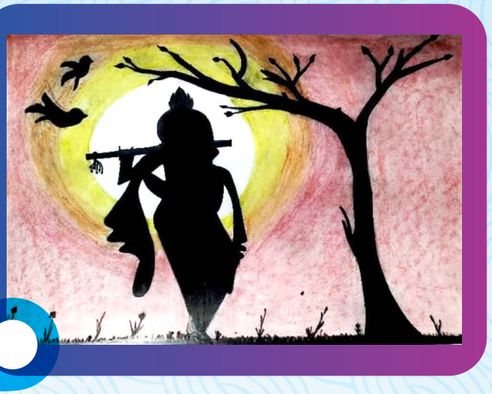




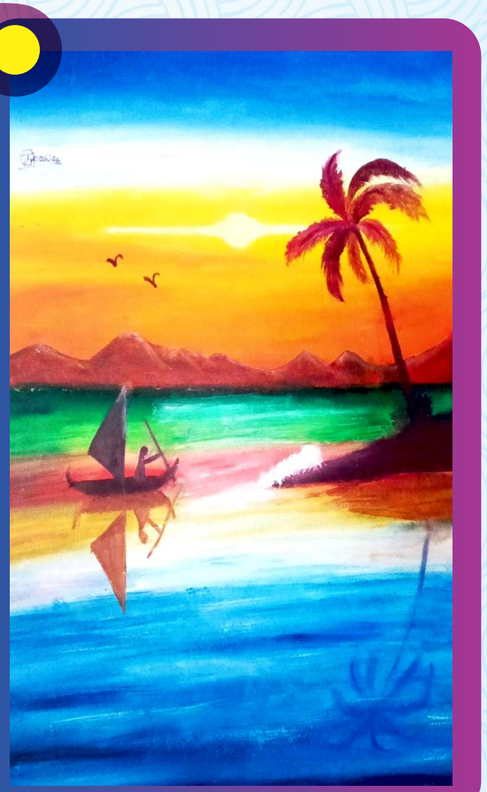




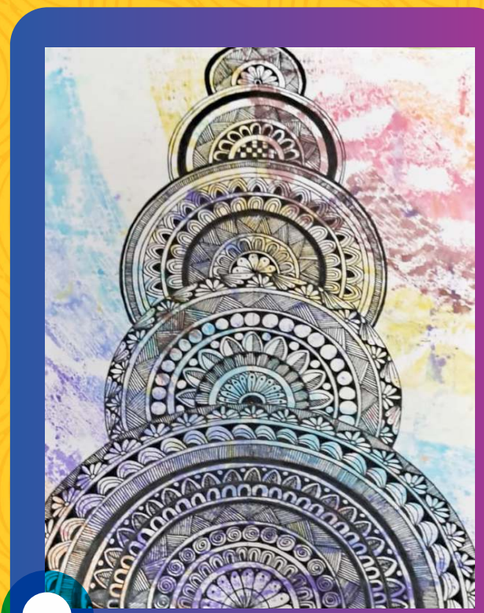


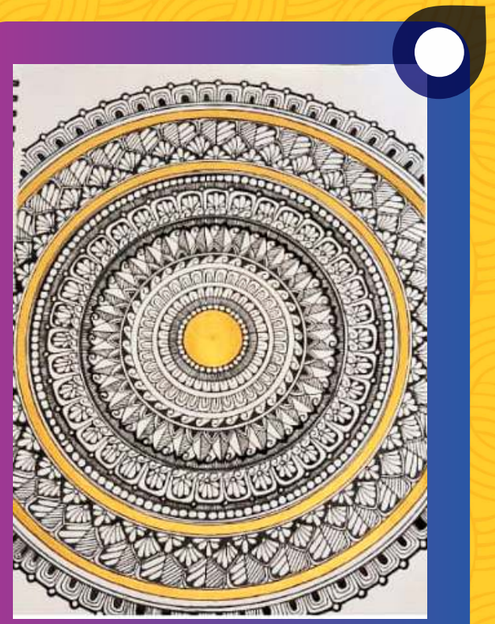


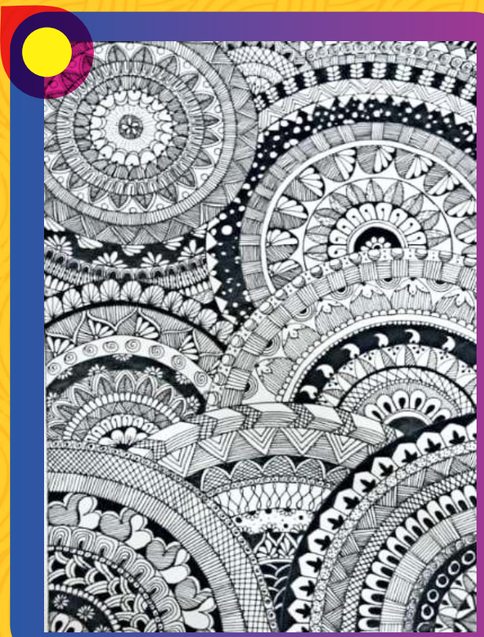












Siddhi N Sharma

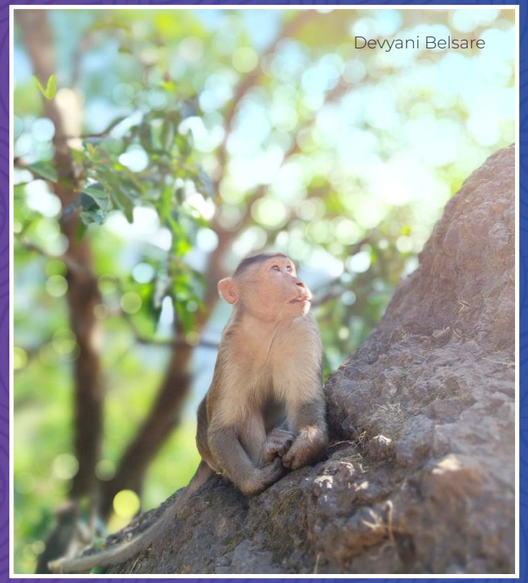
Capture the Moment

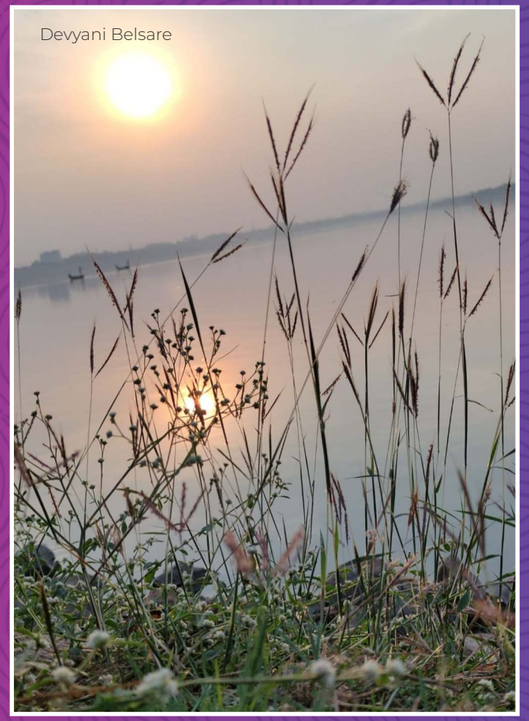



Utkarsh Sakure

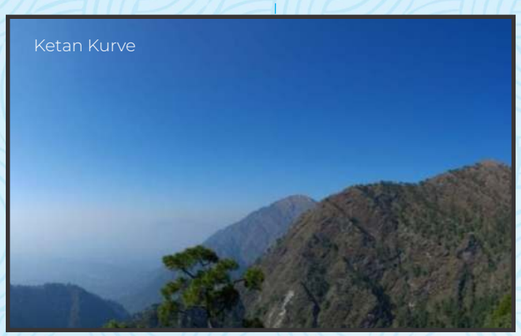

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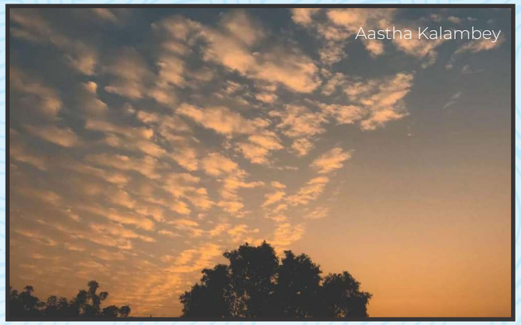

Aastha Kalambey
Aastha Kalambey

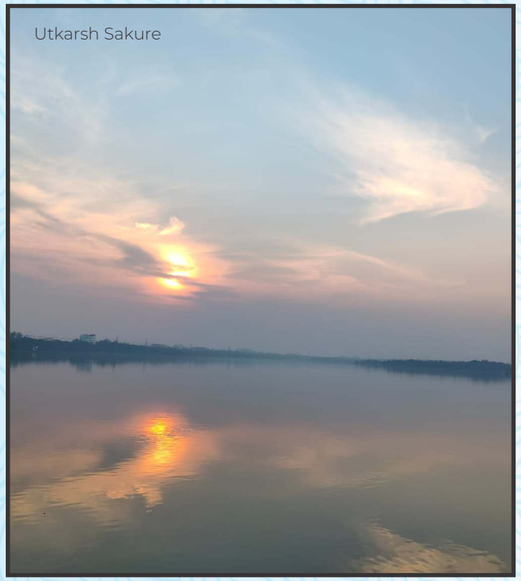

Devyani Belsare


Devyani Belsare


Devyani Belsare


Ketan Kurve


Aastha Kalambey


Utkarsh Sakure


Ketan Kurve


Toshik Choudhary


Toshik Choudhary

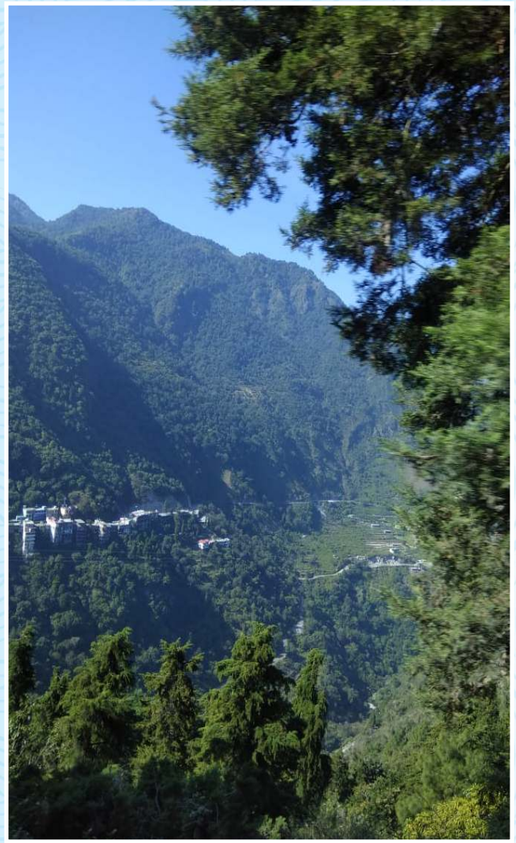
















The wall painting competition held on 23/12/22 under the RADIANCE FORUM was a great success. Students showcased their talent and hardwork on a blank wall in a limited amount of time. Their teamwork and creativity was admirable











Thankyou