



MAHASYA

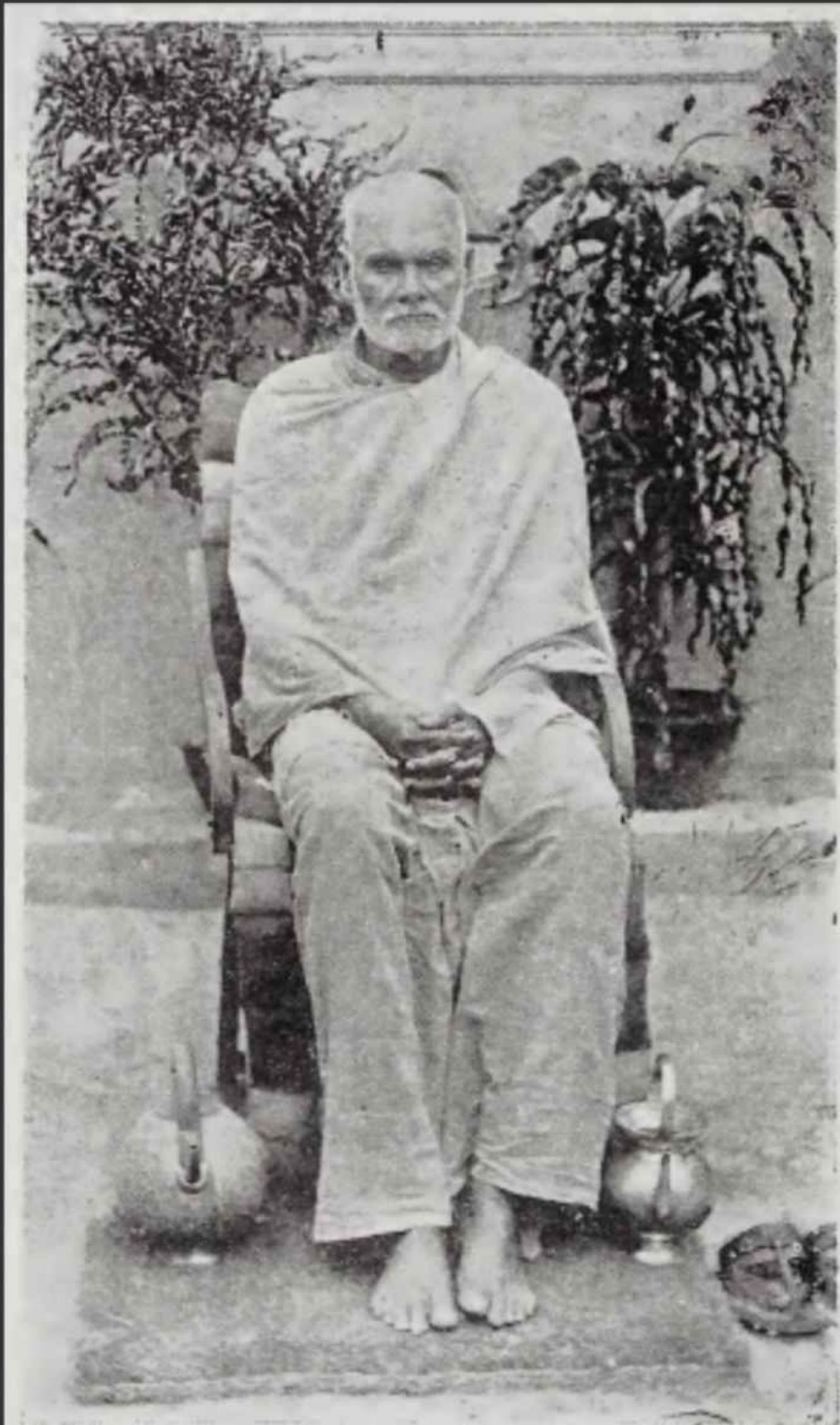
2023

The Mystical Stories Of Mahaguru Tech



MAHAGURU INSTITUTE OF TECHNOLOGY

Sree Narayana Guru



SRI NARAYANA GURU SWAMI.

“ Become enlightened,
through Education
Become
strengthened,
through Organization
Become prosperous,
through Hard work ”

MISSION

To create and disseminate knowledge in recent technologies and drive economic development.

To provide world-class environment for faculty and students to prepare them for addressing the engineering challenges and opportunities.

Aims to transform the learners into efficient engineers and facilitate socially responsive research, innovation and entrepreneurship.

VISION

To become a globally recognized centre of excellence for science, technology & engineering education, committed to quality teaching, learning and research which will promote leadership, job creation, social commitment and service to nation building.



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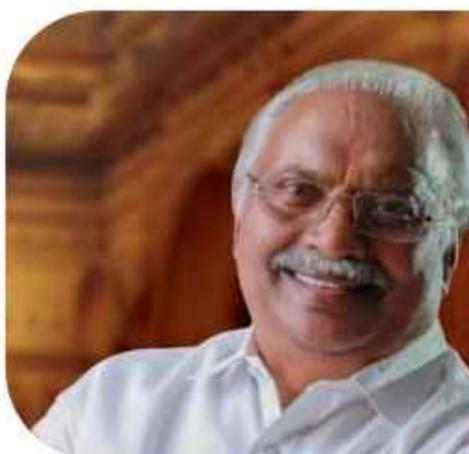
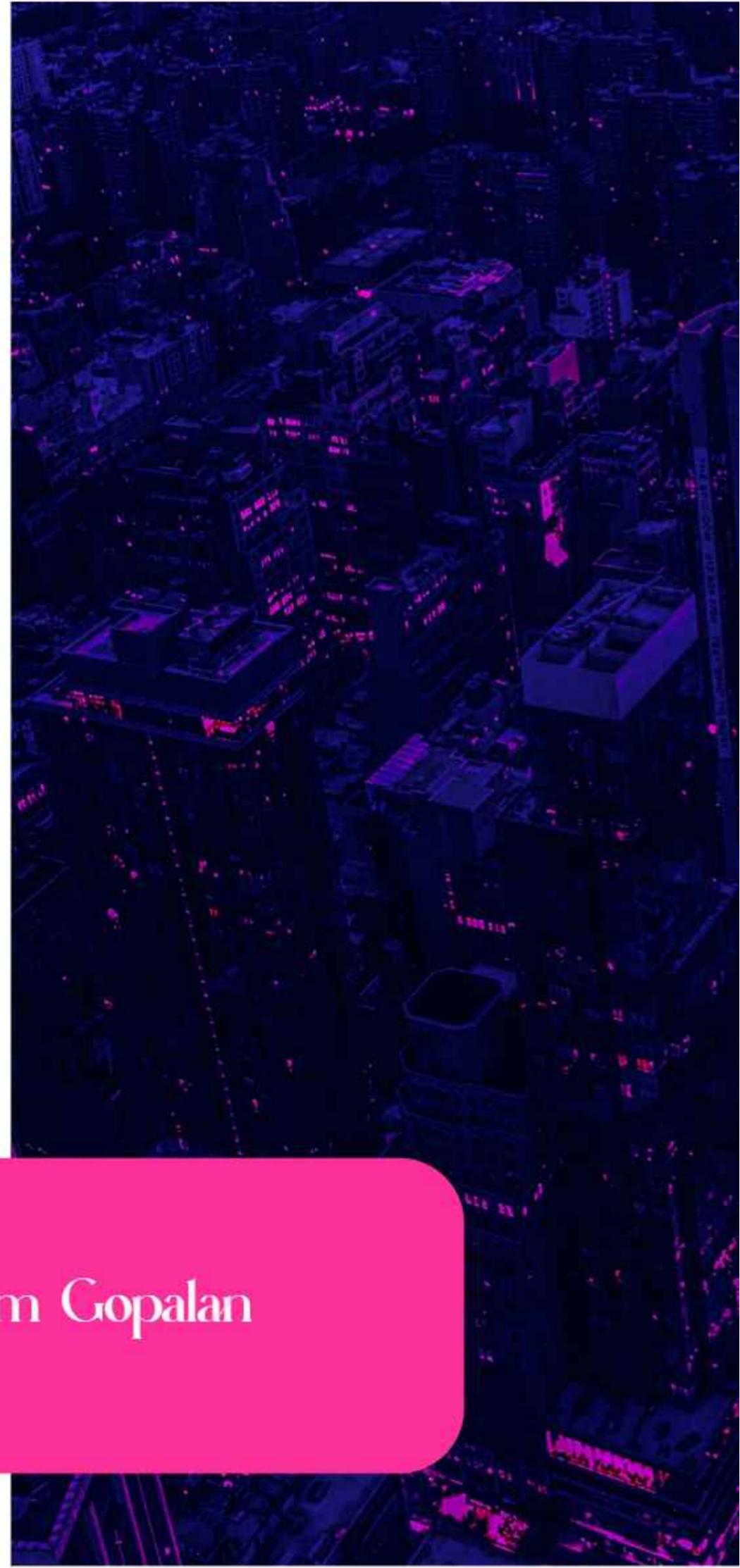
Message From Chairman



The engineer has been, and is, a
maker of history.
James Kip Finch

Dear students, college is your first contact with the outside world, a period of joy, healthy competition, adjustment, sharing and care. It is in the heart of the students and staff that a true institution exists. Mahaguru Institute of Technology is oriented to the total formation of a student and to adaptations of various methods suiting the dynamics of the changing world in order to achieve common goals and objectives. It is supplemented by a shared vision-responsibility and above all, love and faith in God. It is my message to you that true character encompasses the capacity for self-discipline. Character creates self-respect, which in turn leads to high self-esteem. What you are is God's gift to you. What you become is your gift to God. Bring out the best in you. Always in every field, honestly do the best you can and nobody can stop you from being successful. If innovation and novel ideas are a key to a bright future, then we can surely be assured of our place under the pedagogic sun.

I am sure that this edition of our college magazine, MAHASYA will amply support this institution's contribution in the field of education



Sri. Gokulam Gopalan
CHAIRMAN

Message From General secretary

Science can amuse and fascinate us
all, but it is engineering that changes
the world.

A college is a building surrounded by four walls with the future inside. Colleges are needed for a good society to recognise and utilise the hidden talents for the fullest upliftment and progress. One step ahead, Mahaguru Institute of Technology ignites the young minds and moulds the students to good citizens as well as good leaders of the nation. MAHASYA is the college magazine through which the students can expose their literary and artistic talents. We believe that the writing potential exists in all, but it is the urge to write that a few possess. It has been our constant endeavour to stir this urge by getting our students and teachers to write about the things that they feel, see and do. We are proud of the group of students represented here.

I congratulate the Editorial board on its tireless efforts in bringing out this publication. I extend my appreciation to those who have contributed to this issue and enhanced its perfection and beauty through their articles, poems, short stories and many creative endeavours



Sri. Velanchira Sukumaran
General Secretary

Message From Assistant Secretary

At first people will ask
why you're doing it. Later they will
ask how you did it.

This is the force that keeps us running to victory. The effort of every educator should be to unlock that treasure hidden in the soul of each student. This institution has been nurturing young minds since 2009 with the belief of "Moulding engineers par excellence with integrity, fairness and human value." We live in a world that is so very different from the one we grew up in, the one we were educated in. The world today is changing at an accelerated rate and it is our duty to train the students to swim against the current. As Margaret Mead said, "Children must be taught how to think and not what to think". Even as we impart education to match the advancement in technology and globalisation, we march our students ahead with the ethos of moral values and principles. We pride ourselves to help grow and develop into sensitive and responsible citizens of the future. MAHASYA is a milestone that etches our growth, unfolds our imaginations and gives life to our thoughts and aspirations. I appreciate the entire editorial team for their hard work and dedication that has resulted in the publication of this issue of college



Sri. V. Sadasivan

Asst. Secretary

Message From Treasurer

Scientists study the world as it is
engineers create the world that has
never been.

Dear students,
I am delighted to address you through this magazine and extend my warmest greetings for the upcoming edition of our college magazine, MAHASYA. This publication has been a long-standing tradition of our college and has always been a platform for students to showcase their creativity, ideas, and talents. As we navigate through these unprecedented times, it is crucial that we stay united and support each other. Our college has always been known for its strong sense of community and inclusivity, and I urge all of you to continue to uphold these values. Let us work together to create a magazine that not only showcases our talents but also reflects our college's spirit and character. I would also like to take this opportunity to thank the editorial team and all the volunteers who have worked tirelessly to make this magazine a success year after year. Your efforts and dedication are truly appreciated. I extend my best wishes to all the contributors for this year's edition of MAHASYA. Let us continue to inspire each other, push our boundaries, and create a magazine that we can all be proud of.
Thank you.



Sri. S. Baburaj

Treasurer

Message From Sri. Sasidharan Achuthan

The human foot is a masterpiece of engineering and a work of art.

Dear Students,

I am honoured to address you and express my heartfelt greetings for the upcoming edition of MAHASYA, our college magazine. As a publication that has been an integral part of our college's culture, it is an excellent opportunity for students to showcase their creativity, knowledge, and expertise. As we gear up for this year's edition of the magazine, I would like to encourage all of you to contribute your ideas and suggestions to help us create a magazine that reflects the true spirit of our college and the issues that matter to us. Let us work together to make this edition of MAHASYA a grand success and a source of inspiration for future generations. Finally, I would like to express my sincere appreciation to the editorial team and all the volunteers who have been working hard behind the scenes to bring this magazine to life. Your efforts and dedication are truly commendable.

Wishing you all the very best for the upcoming edition of MAHASYA!



**Sri. Sasidharan
Achuthan**

Governing body Member

Message From Sri. Thampi Parameswaran

The scientist discovers a new type of material or energy and the engineer discovers a new use for it.

Dear readers,

It is with great pleasure that I address you all through the pages of our esteemed college magazine, Mahasya. I am honored to have the opportunity to share with you some of the exciting developments and accomplishments that we have achieved over the past year. Firstly, I would like to express my deepest gratitude to our dedicated faculty members who have gone above and beyond in their commitment to educating and guiding our students. Their tireless efforts have helped to create an environment of academic excellence and growth, and I am proud to have them as part of our team. Additionally, I am delighted to report that our student body continues to thrive in all aspects of their college experience. From participating in engaging extracurricular activities to excelling in their academic pursuits, our students are truly the heart and soul of our community. Their passion and enthusiasm for learning inspire us all, and I have no doubt that they will go on to achieve great things in their future endeavors.



**Sri. Thampi
Parameswaran**

Governing body Member

Message From Sri. N Sunil kumar

Engineering is the art of directing
the great sources of power in
nature for the use and convenience
of man.

Dear Students,

It is my pleasure to address you through the pages of Mahasya, our college magazine. I would like to congratulate all the students who have contributed their work to make this publication possible. I am delighted to see the tremendous effort put forth by the editorial team and contributors to bring out the best of Mahasya. Your commitment and dedication towards producing this magazine reflect the values of our institution, which promotes creativity, innovation, and excellence. Mahasya serves as an essential platform to showcase the talents and skills of our students. It is also an excellent opportunity to learn and explore various aspects of writing, editing, and publishing. This magazine is a testament to the creative potential and capabilities of our students. Once again, congratulations to everyone involved in the making of Mahasya, and I wish you all the very best for your future endeavors.



Sri. N Sunil Kumar

Governing body Member

Message From Sri. South Indian Vinod

If It Isn't Broken, Take It Apart And Fix It.

Dear readers,

It is with great pleasure that I address you all through the pages of our esteemed college magazine, Mahasya, I am honored to have the opportunity to share with you some of the exciting developments and accomplishments that we have achieved over the past year. Firstly, I would like to express my deepest gratitude to our dedicated faculty members who have gone above and beyond in their commitment to educating and guiding our students. Their tireless efforts have helped to create an environment of academic excellence and growth, and I am proud to have them as part of our team. Additionally, I am delighted to report that our student body continues to thrive in all aspects of their college experience. From participating in engaging extracurricular activities to excelling in their academic pursuits, our students are truly the heart and soul of our community. Their passion and enthusiasm for learning inspire us all, and I have no doubt that they will go on to achieve great things in their future endeavors.



Sri. South Indian Vinod

Governing body Member

Message From Principal

Success comes to those
who work hard
and stays with those
who dont rest on the laurels of the past.

Education is not merely acquirement of facts but also of values which help us improve the different facets of mankind. A pivotal role of education lies in shaping the personality of a student into a healthy mind and happy soul, who is not only equipped with 21st century skills and aptitude required for academic excellence but also face the challenges of life in a balanced and harmonious way. It gives me immense pleasure to note that the students of Mahaguru Institute are bringing out college magazine "MAHASYA" such activity brings out the creativity of the students and helps them learn valuable lessons of cooperation, leadership and teamwork. "MAHASYA" is a perfect blend of literary articles, art, personal experiences and wonderful memories of students which reflect their creativity and potential. I am very happy to convey my congratulations and best wishes to all the students and faculty for their endeavors in bringing out this wonderful magazine.



Dr. Manju J

Principal

Message From Dean Academics



Dear Readers,
Hearty Greetings to you. A college magazine is a record of all the activities that have taken place in the academic year and also a platform to display creative thoughts and literary talents. The editorial board of MAHASYA '2023 deserves a special appreciation for their efforts in compiling this publication. The report reflects that the academic year 2022 –'23 has been yet another vibrant and progressive year for the institution. Our goal is to change the world through education. It may sound idealistic, but this is precisely our long term goal. It is what motivates the work of everyone at the Mahaguru Institute of Technology – from faculty and staff, to students and alumni. It inspires our teaching and research. It is this goal which fuels the faculty to excel. Our approach reflects the educational needs of the 21st century. We focus on our students by providing them with a world-class outcome based education and hands-on experience through research, training, and student forum activities etc. The success of our undergraduate and postgraduate is supervised by our eminent faculty, who continue to set the standard for excellence. To keep abreast with the latest knowledge, we encourage the faculty members to organize or to participate in faculty development programs, conferences, workshops etc. There is continuous check on the implementation of planned academic activities because we believe that with designed measures and timely execution, we will be able to come out with desired results in grooming our future generation for employment and for higher studies in India and abroad. We believe in continuous development and strive to carry on the best efforts and endeavors towards the benefit of the students. We aim to generate groomed learners through our carefully designed unique techniques which are poised to enrich their technical knowledge, skills and attitude to make them globally competent in terms of employment and entrepreneurship.



Dr. Arun Elias

Dean Academics

Message From HOD ECE

Strive for perfection in everything
you do.
Take the best that exists and make
it better. When it does not exist,
design it.

Sir Henry Royce
English engineer, and car designer

The past year our students learned through remote modalities and in hybrid mode. It was surely a challenge to keep the bond among the teachers and the students, and also among the students. With gratitude, I can say that we still strive with the support of our students, teachers, parents, and alumni. It gave us an opportunity to connect with our alumni virtually and also our parents. The college magazine is a reflection of our students' creativity and knowledge. I believe that 'MAHASYA 2023' will bring out the expressiveness of our students. I applaud the chief editor, staff editors, and the student editors and their dedicated committee for their valuable endeavor in bringing out this issue.



Prof. Ratheeshkumar .S

HOD ECE



Message From HOD S&H



Dear readers,
It is my pleasure to welcome you to the latest edition of Mahasya, the college magazine. I believe that this combination will equip our students with the skills and knowledge necessary to tackle the challenges of the modern world. In this edition, you will find articles and features that highlight the innovative research projects, the exciting events, and the community outreach programs that our college has been involved in over the past year. I hope that these stories will inspire you and give you a glimpse into the exciting world of knowledge and creativity. I encourage you to take the time to read through the articles and appreciate the hard work and dedication of our faculty and students. I also welcome any feedback or suggestions that you may have for future editions of Mahasya. Thank you for your support and I hope you enjoy this edition of the magazine.



Prof. K.S. Sasi

HOD S&H

Message From HOD CE

It is a matter of great pride and joy that the students of Mahaguru Institute of Technology have released the next edition of our college magazine Mahasya. College magazines have always been a platform for students to express their views and ideas and I am sure this magazine will also serve its purpose. I congratulate all the students who have worked tirelessly towards the success of this venture. Looking forward to the future editions of Mahasya in the coming years as well. All the best.



Prof. Priya Grace Itti Eipe

HOD CE



Message From HOD EEE



I would like to express my sincere appreciation to Faculty and Editor for their efforts and dedication into a modern and accessible mode of communication with the students' community. It is always a proud moment in the life of the MIT that its departments celebrate such occasions. Apart from providing the quality education, we craving to provide our students a holistic learning experience for life.

Academic excellence along with Co-curricular and extra co-curricular activities complete the process of education. It gives me great satisfaction that MIT is making progress in all its endeavors towards the overall development of the students. As I look ahead, I can visualize that the college will grow in pursuit of higher standards of teaching, research, and may lead to shape my dreams. It will continue to serve a significant role in higher education and in the service of the country. My blessings and good wishes will always be with the students. May God give strength to see this college flourishing



Prof. Sarath .S

HOD EEE

Message From HOD CSE

Dear Students,

As the Head of the Department of Computer Science and Engineering (CSE), I am extremely delighted to express my heartfelt appreciation to all the contributors and core team members of our college magazine. The immense effort and dedication that has been put into creating this publication is truly commendable, and I am proud to see the outcome of your hard work. Our college magazine holds a special place in our hearts as it not only showcases the creativity and talent of our students, but also serves as a platform for sharing knowledge, ideas, and experiences. This year's edition of the college magazine is a reflection of the diverse talents and interests of our students. It covers a wide range of topics, including academic achievements, cultural events, sports, and social activities. The articles are informative, insightful, and thought-provoking. I am sure that this magazine will be a valuable resource for our students and faculty members.

I would like to congratulate the entire team for their hard work and dedication in bringing out this magazine. I also extend my appreciation to the faculty members who have supported and guided the students throughout the process. I hope that this magazine will continue to inspire our students and encourage them to explore their creativity and interests.

Once again, congratulations to the college magazine team for their outstanding efforts, and I wish them all the best for their future endeavors.

Thank you.

Suma S G
HOD- Computer Science and Engineering.



Prof. Suma S G

HOD CSE



Message From HOD ME



Welcome to the Department of Mechanical Engineering. Department of Mechanical engineering was established in 2009. The department has been successfully performing the multiple roles of creating the best knowledge, acquiring new capabilities and producing an intelligent human resource in various domains of the industrial and society. The Department has a high growth, experienced and dedicated faculty with strong commitment towards engineering education who work to provide a vibrant and optimum learning environment. The department has well established laboratories with latest equipment which makes a real time industrial ambience for the students. The periodically updated university curriculum imparts technical knowledge and the application-based environment in the state-of-the-art laboratories complements the same. The students are highly motivated to participate in paper presentation, workshops and seminars conducted out of the campus to get a global exposure that are essential to maintaining proficiency. The department is regularly conducting various activities under the banner of N-TORC (Department association), Guru Connect (for Faculties and Fast learners), MIT-IMPULSE (SAE India collegiate club). Also, the Department is supporting the students to involve in various college level clubs such as ISTE, NSS, Media club and MIT Sports academy. Our students secured National and international positions in the above-mentioned activities. Cultural activities are promoted through various clubs at the departmental and university level. I can assure that the students of the Mechanical engineering would justify the credibility of the department by showing a high level of professional competence in their respective field. If you have further questions after visiting our website which provides details of faculty members and various student activities, please feel free to contact us on email address hodme@mahagurutech.ac.in.



Dr. Manikanda Prabu N

HOD ME

Message From Exam Cell Superintendent

Dear Students,

I am thrilled to have this opportunity to address the student body through the pages of Mahasya, our esteemed college magazine. First and foremost, I would like to extend our heartfelt gratitude to each and every one of you for making our college an exceptional institution that is known for its academic excellence, diversity, and inclusive culture. I believe that education is not just about acquiring knowledge, but also about personal growth and development. With this in mind, we strive to provide a stimulating environment that fosters critical thinking, creativity, and innovation. Our faculty members are committed to inspiring and challenging students to reach their full potential, while our staff members work tirelessly to ensure that the college runs smoothly and efficiently. In conclusion, I would like to express our pride in the achievements of our students, who have excelled in various fields, both academic and non-academic. We are confident that they will continue to make us proud in the years to come. We wish you all the best in your future endeavors and look forward to your continued contributions to our college community.



Dr. B. Sasi

Exam Cell Superintendent

Message From Chief Editor



Dear Readers,

As the chief editor of our college magazine MAHASYA, it is my pleasure to welcome you to the latest edition. This magazine represents the collective effort of our talented writers, editors, and designers, who have worked tirelessly to bring you a diverse range of articles, stories, and artwork. In this issue, you will find pieces that explore a wide range of topics, from the latest developments in science and technology to the intricacies of human relationships. Our writers have brought their unique perspectives and insights to bear on these subjects, and I am confident that you will find something in these pages that speaks to you. But this magazine is more than just a collection of articles. It is a reflection of our college community, a place where ideas are shared, conversations are started, and new friendships are forged. As you read through these pages, I hope that you will feel a sense of connection to your fellow students and a deep appreciation for the richness and diversity of our community. I want to take this opportunity to thank everyone who has contributed to this magazine, from our writers and editors to our designers and photographers. Your hard work and dedication have made this magazine possible, and we are all grateful for your efforts. Finally, I want to encourage all of our readers to consider contributing to the next edition of the magazine. Whether you are a writer, an artist, or simply someone with an idea to share, we would love to hear from you. This magazine is only as strong as our community, and we need your voices and perspectives to help us grow and evolve.

Thank you for reading, and I hope you enjoy this latest edition of our college magazine.

Sincerely,
Prof. AMJITH S



Prof. Amjith S

Chief Editor



Word From The Team

Dear readers,

We are delighted to present the latest edition of our college magazine Mahasya. As the editorial team, we would like to extend our heartfelt thanks to all the contributors who have made this issue possible. In this edition, we have a diverse range of articles and features, covering a wide range of topics from current affairs to student life. We hope that you find them informative, engaging, and thought-provoking. We are committed to making this magazine a platform for creative expression and intellectual discourse, and we welcome submissions from all members of our college community. If you have an idea for an article or would like to contribute to future editions, please don't hesitate to get in touch with us. We would also like to take this opportunity to express our appreciation to our readers for their continued support. Your feedback and suggestions are invaluable to us as we strive to improve the quality and content of our magazine.

Thank you for taking the time to read our magazine, and we hope you enjoy this edition.

Best regards,

The Editorial Team

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S8 CSE | Managing Editor

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 Nimisha S
S6 ECE | Content Editor



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S6 EEE | Designer

 Pavithraganga
S6 ECE | Writer

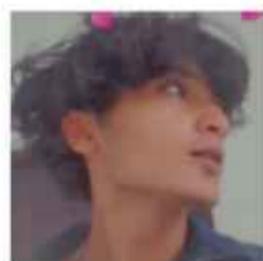


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 Adithya G
S4 AI | Content Editor



 Baaji Aravind
Media Editor | S2 CSE



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Photography Editor | S2 ME



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 Prof. Anup
vasavan



 Prof. Amal S



 Prof. Sreeti
Gangadharan



 Prof. Neeraja
Chandrasekhar



 Prof. Sreelekshmi B

Editorial Team

TEVM MIT

2K23

shift 合



STAFF



STAFF



Editorial Team



Faculties



Office Staff



S&H DEPT



S8 CSE 19-23



S8 CE 19-23



ME & MEP 19-23

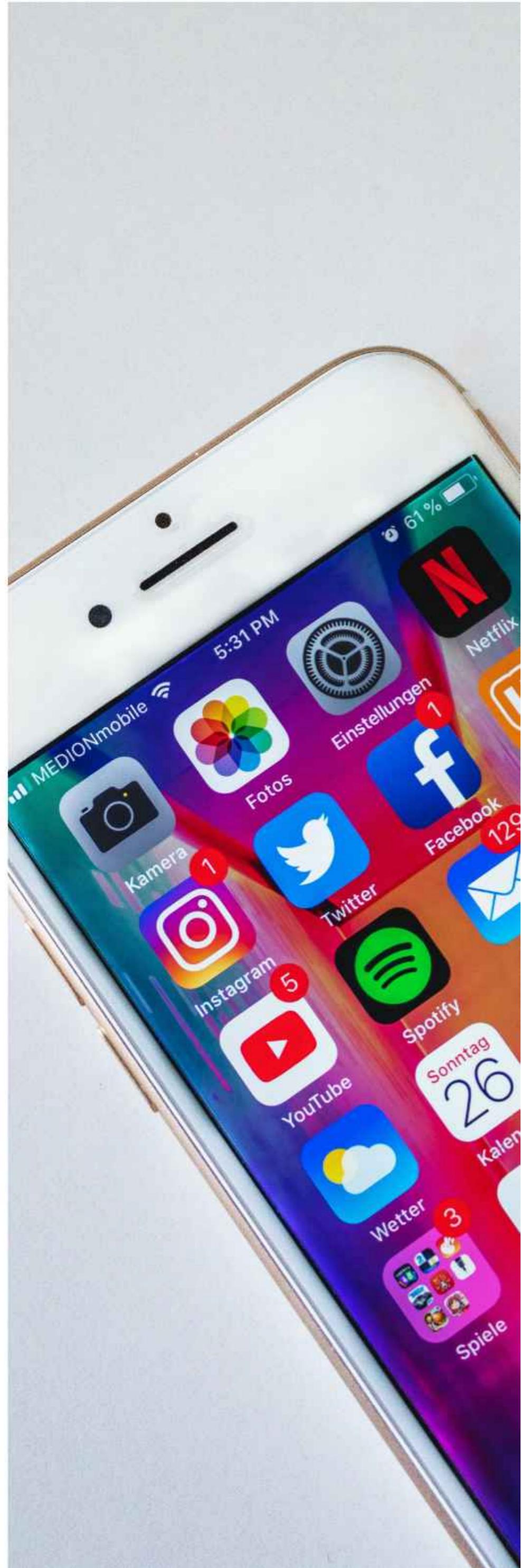


ECE & EEE 19-23

Technology In Our Life Today And How It Has



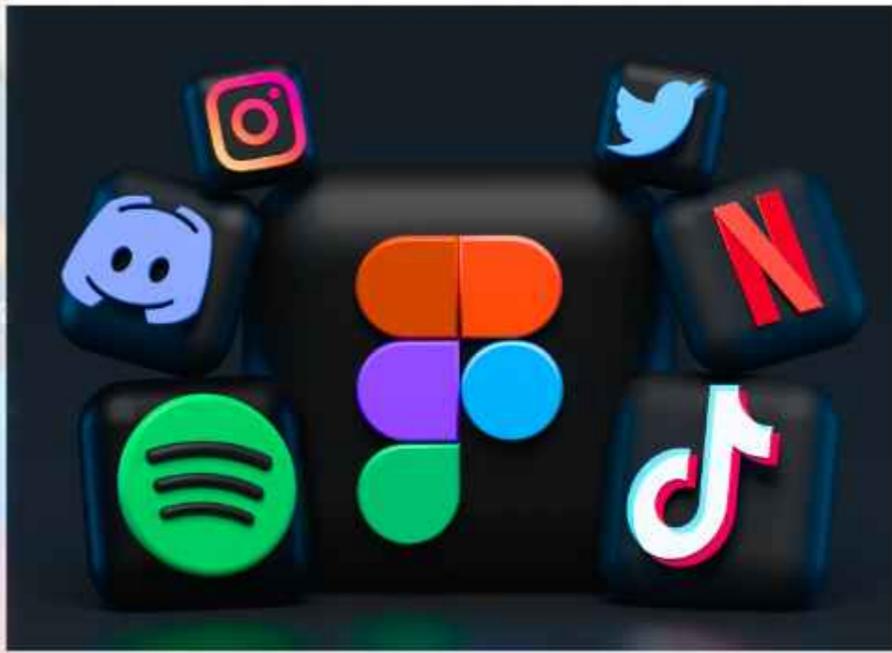
Over the years, technology has revolutionized our world and daily lives. Additionally, technology for seniors has created amazing tools and resources, putting useful information at our fingertips. Modern technology has paved the way for multi-functional devices like the smartwatch and the smartphone. Computers are increasingly faster, more portable, and higher-powered than ever before. With all of these revolutions, technology has also made our lives easier, faster, better, and more fun. In this article, we'll cover how technology has enhanced the quality of life for seniors lives in and out of the home. Technology's advancements have provided quicker ways to communicate through instant messaging apps and social media platforms. Seniors are able to keep in touch with loved ones, while caregivers have new avenues to check in on aging parents or patients. Technology has also given us brand new devices in recent decades, like smartwatches, tablets, and voice assistant devices. With these devices, we can do things like transfer money instantly and make purchases for everything from clothes, food delivery, groceries, furniture, and more. Technology has changed how we entertain ourselves, meet each other, and consume all types of media. It's made fun advancements, but it's also made important advancements in safety when it comes to home security and medical devices. Those struggling with hearing loss can now benefit from hearing aids, or TV Listening Devices that allow them to comfortably listen to their favorite programs with ease. Especially for seniors, these devices are providing the



freedom to age in place, to live independently, and to continue moving through everyday life with peace of mind. It opens up new opportunities by helping with safety, mobility and connectivity. Medical advancements have made it so you can stay proactive with conditions like diabetes and arthritis. With new medical alert devices, seniors can also get help at the push of a button and keep in touch with loved ones no matter where they are in the world. Since there are so many new technologies to keep track of, it can seem overwhelming to adapt. However, all of these new technologies are designed to make your life easier. Even though it may not feel intuitive, learning how to use smart phones, smartwatches and voice assistants just takes a little bit of instruction and practice. When it comes to the way we communicate overall, modern technology has had

look words up in a dictionary app or quickly search the Internet. Beyond words, you can search for practically anything on the Internet using search engines like Google and Bing. There is no denying that the future of technology will continue to revolutionize our lives. In a few years, driverless cars may be the norm for everyone, and robots will be commonplace in factories. Future technology is sure to transform our lives in unbelievable ways, but here we highlight the many common ways technology is changing our lives today.

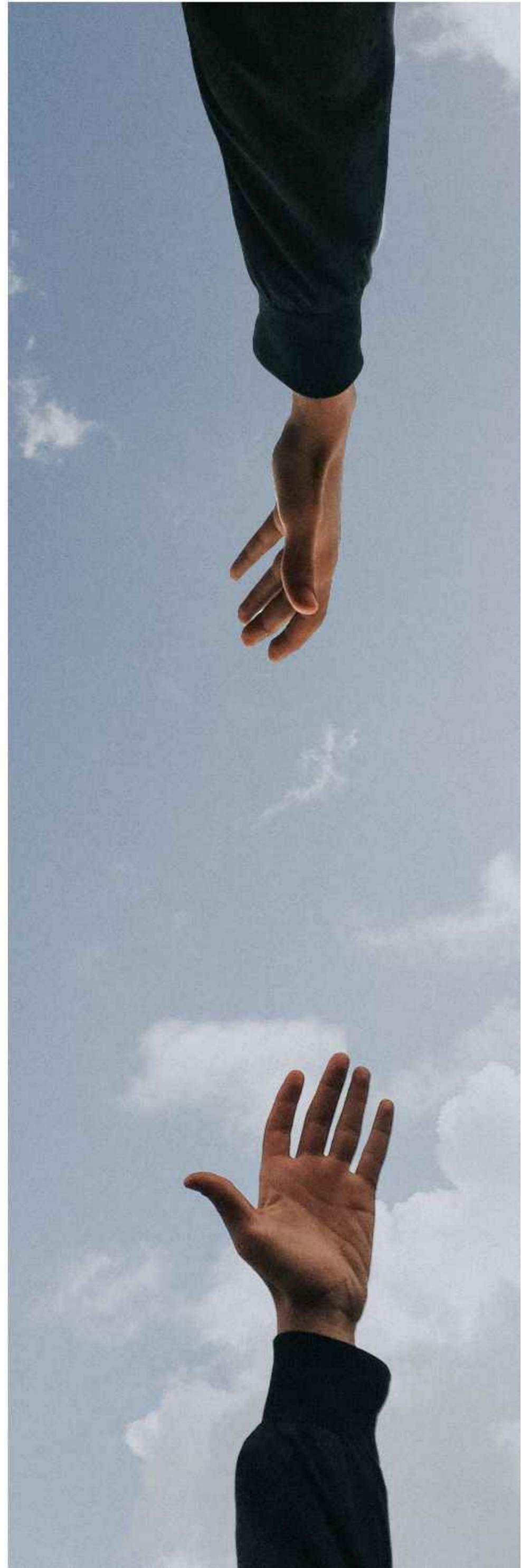
Akhila S
S8, CSE



a powerful influence. Digital technology has changed what people term as "media." The influence of new technology on media is apparent since a media company isn't necessarily a news platform anymore. A media company is now any company that helps pass information across the globe, including social media platforms like Facebook and Twitter. The amount of active web users globally is now near 3.2 billion people. That is almost half of the world's population. Every day, two million smartphones are sold around the world, and the amount of information we share on social media networks is phenomenal. Social media isn't the only big statement digital technology has made. Neither is social media the only way technology has had an impact in everyone's life. Before mobile technology, you had to search through a dictionary to understand the meaning of a word. Now you can

Fundamental Psychological Needs

There are four fundamental needs: the need for attachment, the need for orientation and control, the need for enjoyment and pain avoidance, and the need for self-improvement. Self-enhancement, or self-esteem, is likely to be the last of these needs to develop in an individual. Of these needs, attachment and control are formed first and are therefore the greatest drivers of behavior. Attachment: Depending on our early attachment experiences, our attachment styles can be classified as secure attachment, insecure attachment and avoidance, insecure attachment and ambivalence, or insecure attachment and disorganization/disorientation. Our motivational schemas—the ways we approach or avoid people in an effort to save our need to be attached to others—are shaped by the interactions we experience as infants. These patterns, or schemas, persist into adulthood and influence how we react and respond to social circumstances. An unfavourable attachment experience early in life, such as a traumatic event, or neglect, can have severe mental health effects later in life, long after the infant experience. A person might be totally perplexed. Unaware that neural networks (the motivational schemas) were formed in utero, beyond their mental recollection, they react to social interactions in a pathological way. Control/Orientation: We strive to have worldviews that are satisfying or consistent with our objectives. Through motivational schemas, we “aim” to fulfil the objectives, which are our fundamental needs. In other words, our objective to attain perceptions that



line up with our goals, implies striving for control. We want to be able to control our surroundings so that our fundamental needs are met, both in terms of our physical and psychological requirements. When we have a lot of choices available to us, we feel very in control. Our perception of control decreases as our options become more constrained. A feeling of control and the need for orientation or understanding what is happening are inextricably linked. Understanding a circumstance clearly gives one a sense of control and makes options more obvious. **Pleasure/Prevention of Pain:** We are driven to pursue pleasurable events or states while averting unfavorable or painful ones. Basic evaluation of what is "good" and "bad" takes place, and we are motivated to experience as much of the "good" and as little of the "bad" as possible. This fundamental need serves as the foundation

for all suffering for "the greater good," including the refusal of some pleasures in order to later acquire something more valuable. What an individual experiences as "good," "pleasurable," "beautiful," etc., depends greatly on how those experiences align with the satisfaction of their other fundamental requirements. We will delve into this topic in more detail in the future. There is much to be said about the mental process of good/bad evaluation and the fundamental need to optimize one and avoid the other. **Self-Esteem Enhancement:** The need to strengthen our self-esteem (and to safeguard it) emerges alongside a sense of self, sometime later in a person's developmental timeline than the other needs. This need is also uniquely human because it calls for introspective thinking and a strong sense of self-awareness. Of all the basic needs listed, self-esteem regulation is most likely the most complex network from a neurobiological perspective. It is assumed that people usually try to maxi-

Prof. SREETI GANGADHARAN
ASST.PROF. S&H



mize their sense of self-worth, but the process by which we do this can seem to run counter to our intentions and occasionally, we experience low self-esteem maintenance. Self-esteem improvement is not a basic need, but it does show how highly developed avoidant motivational schemas and weakly developed approach schemas can thwart a basic need.

Student Mental Health in College



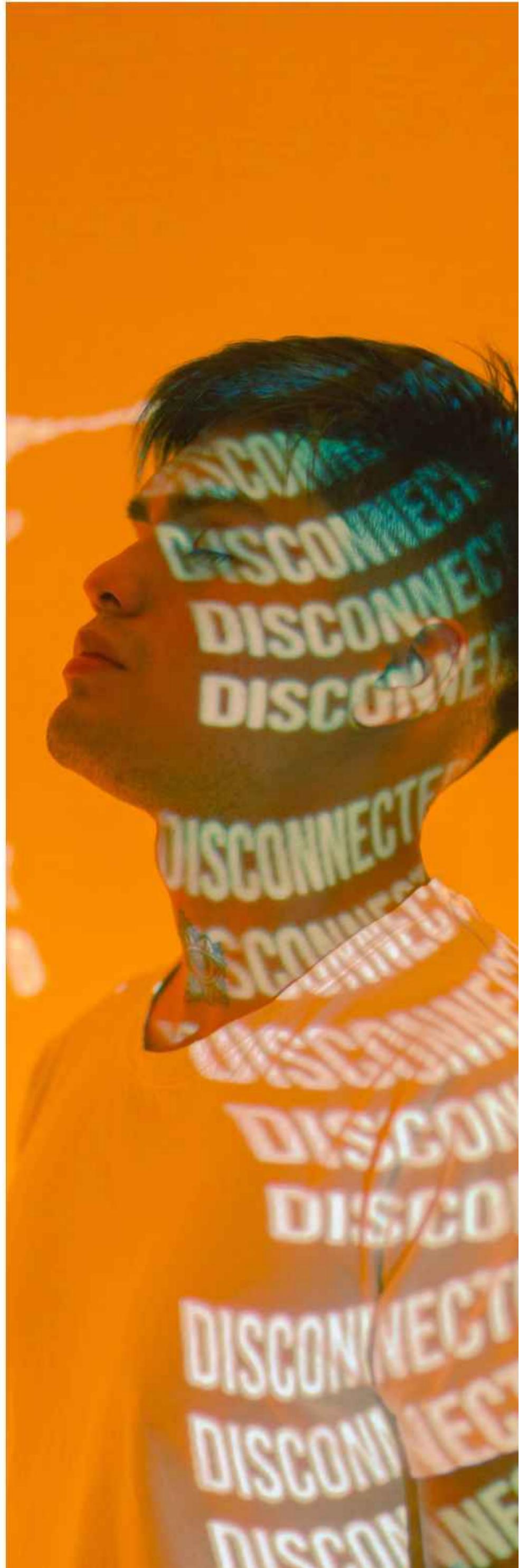
Students' emotional health has been impacted by the COVID-19 pandemic. Some students might feel less inclined to publicly discuss their struggles because of the stigma associated with mental health. Contrary to appearances, a lot of students deal with mental health problems.

Stress and Anxiety

This condition affects people in various ways. The symptoms of stress and anxiety can include procrastination, insomnia, concern, and an inability to concentrate. Additionally, these two conditions may result in physical signs like headaches, nausea, upset stomach, or faster heartbeat. TheCentresforDiseaseControlandPreventionalsoofferscoping ideas. Many of the recommendations, including meditating and eating nutritiously, benefit general health. Spending time with friends and connecting with nature may also ease symptoms. Students may also explore online support groups. General practitioners at campus health clinics can sometimes offer medications for managing anxiety. They may refer students to a specialist or connect them with community resources. Many campuses feature a counseling centre where students can engage in talk therapy. These centres may run stress and anxiety peer groups.

Depression

Depression can vary from protracted mild sadness to protracted intense hopelessness. Some students simultaneously feel anxiety and depression. People suffering from depression may feel listless, unmotivated, and disinterested in activities they once found enjoyable. While some individuals may have difficulty falling asleep, others might sleep too much. Some medical professionals refer to as situational melancholy, can be brought on by specific life events. This might happen as a result of receiving a string of failing grades, losing an employment, losing a loved one, or going through a traumatic event. Fortunately, both situational and persistent melancholy can be treated with medication, either temporarily or permanently. People who are having suicidal or self-destructive thoughts should seek help immediately. Students' emotional health has been impacted by the COVID-19 pandemic. Some students might feel less inclined to publicly discuss their struggles because of the stigma asso-



ciated with mental health. Contrary to appearances, a lot of students deal with mental health problems.

Stress and Anxiety

This condition affects people in various ways. The symptoms of stress and anxiety can include procrastination, insomnia, concern, and an inability to concentrate. Additionally, these two conditions may result in physical signs like headaches, nausea, upset stomach, or faster heartbeat. The Centres for Disease Control and Prevention also offers coping ideas. Many of the recommendations, including meditating and eating nutritiously, benefit general health. Spending time with friends and connecting with nature may also ease symptoms. Students may also explore online support groups. General practitioners at campus health clinics can sometimes offer medications for managing anxiety. They may refer students to a specialist or connect them with community resources. Many campuses feature a counselling centre where students can engage in talk therapy. These centres may run stress and anxiety peer groups.

Drug Abuse and Alcoholism

To cope with their emotions of anxiety or depression, some students resort to drugs or alcohol. According to a study of college students by the National Institute on Alcohol Abuse and Alcoholism, 33% of respondents admitted to binge drinking within the previous month. Brain chemistry and physical health can both alter permanently as a result of binge drinking. Online tools could be useful if speaking to someone in person or on the phone seems intimidating. WebMD distributes informative pieces about rehab as well as a directory of different types of substance abuse. Finding the closest treatment facility is simple with Addiction Centres. The on-site counselling office at a college may correspond on students' behalf with instructors. Students can also inquire about peer groups for substance and alcohol abuse at the college counselling centre. Some institutions might also provide programmes for recovery.

Attention Deficit Hyperactivity Disorder

Some people might think of ADHD as primarily a juvenile condition. But some individuals don't get a diagnosis until they're adults. Late-onset ADHD, according to researchers, may appear between the ages of 10 and 25. Hyperactivity, procrastination, difficulty focusing, and impulsive behaviour are some of the signs of ADHD that can be seen. Despite their best efforts, students who observe a decline in the quality of their work and grades should think about getting tested for ADHD. Some students with ADHD find success in completing college work using the body doubling technique. Body doubling occurs when two or more people work on similar independent tasks alongside one another. This may look like a study session with a friend. Additionally, some organizations offers support groups and online resources. Students with an ADHD diagnosis can pursue special accommodations. For example, colleges may offer private, distraction-free testing centres. Learn-

ers with ADHD may benefit from working on homework inside the campus library for a similar reason.

Obsessive-Compulsive Disorder

Obsessions are recurring, uncontrollable ideas that affect people with OCD. Some individuals characterise these as urges or as seeing unsettling images in their minds. These ideas could trigger compulsive behaviours, also known as repetitive behaviours. For OCD patients, a licenced psychiatrist may recommend medication or control strategies. Talk treatment with a counsellor may also be beneficial. These experts can also provide advice on how to control impulses, particularly if the action is bodily harmful. Some individuals might discover that having private conversations about delicate subjects at home is easier. There is a directory of teletherapy providers provided by the International OCD Foundation. People who join online support groups can discuss control strategies with other members of the group. For students with OCD, many colleges and institutions might provide special accommodations. For instance, a student may substitute a different task if a particular type of assignment causes a compulsion. Any absences caused by appointments or medication changes should be communicated by students getting OCD therapy. Peer groups for students with OCD may be facilitated by some schools, where they can discuss coping mechanisms.

Post-Traumatic Stress Disorder

Some people develop PTSD as a result of shocking or risky events. Distress is a common reaction when something frightening happens. This instinct to flee or battle promotes survival. However, even after the incident has passed, PTSD sufferers might continue to feel uneasy and afraid. Those who have this condition might experience flashbacks that make them feel like they are reliving the event. Additionally, they might have recurrent nightmares about the incident. Fortunately, PTSD might get better over time.

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The Concept of Green Technology in Modern World



Green technology is a term that explains a form of technology considered friendly due to its manufacturing process or supply chain. Green technology's purpose is to protect the earth and, in some situations, to finish the previous environmental harm. Excessive use of pesticides and overexploitation of energy, among other factors, have resulted in a crescendo of the greenhouse effect, disturbed habitats, and global warming in the last two decades, encouraging the development of green. Green technology is a new technology that depends on the use of computers in the supportable development of the environment by limiting the adverse effects technology has on the environment as much as possible.

GREEN TECHNOLOGY STRATEGIES

Green technology is of great importance and has significantly benefited the environment; the strategies that this technology follows are:

RECYCLING

The recycling action is one of the most important benefits that green technology brings to the environment, as it excites the recycling of waste of glass, paper, plastic, and metal origin to benefit from them, and these materials are considered the most converted and engaged in line with the environment.

ENVIRONMENTAL REPAIR

Environmental reform is to dispose of all causes of pollutants to the elements of the environment such as air, water, and soil, and the processes change between chemical, biological, and others. It removes and disables the environment.



RENEWABLE ENERGY SOURCES

Being utterly dependent on fossil fuels is considered impossible, so diesel and companies resort to changing and exploiting recoverable resources to create energy for societies. The sun, wind, and water are the most important renewable energy sources. There are geothermal wells, solar panels, and wind turbines as well. Things to replace oil and coal forever.

ALTERNATIVE FUEL

Scientists are doing their best to produce alternative fuels with recoverable energy sources in nature, and the most important that are being exploited are hydrocarbons and fuel cells. The existence of carbon dioxide emissions and reducing them as much as possible.

EFFECT OF GREEN TECHNOLOGY IN VARIOUS SECTORS

1. Nanotechnology: Nanotechnology is the study of materials at the molecular, atomic, and densely complexed levels. Humans' fundamental needs and expectations are required to be fulfilled by nanotechnology as it evolves. Food, potable water, clothing, electricity, accommodations, well-being, and the Climate is all requirements for humans, necessitating computerization of every ground, increased lifespan, and so on.

2. Green Technology in Agriculture and Food: Inventions in farming that are based on sustainable green technologies are supposed to resolve difficulties in the foodstuff area and increase agronomic production. Green technologies will provide keys by precise cultivation, nano-pesticides, and low cost decentralized water decontamination, when there is an ever-increasing ultimatum for foodstuff and suitable nourishment.

3. Green Technology for Drinkable Water: Green technologies inventions for low-cost water decontamination are expected to address the world's potable water problem by supplying everyone with sustainable drinkable water. By 2030, the demand for water would have grown by 60% to feed an extra 2 billion people.

4. Green Technology for Sustainable Energy: By 2025, worldwide Energy demand is estimated to rise by 50%, with natural fuels accounting for the majority of this increase. About 1.4 billion people do not have access to energy, and 2.2 billion depend on vegetal materials, flora, or agronomic left-over as a source of energy and warmth. By reinventing the power network, green technologies will address the need for energy sources by more effective lighting, energy cells, solar cells, hydrogen storing, locally disseminated power supply

5. Green Technology in Building Construction: Green technology opens up exciting new possibilities in the construction industry, such as the creation of energy-efficient, incredibly extended, and incredibly lightweight construction materials

6. Green Technology in Aircrafts and Space Traveling: Space exploration would provide us with a way of detecting the wellbeing of the earth, a source of energy, and a blank canvas for our creativity. Humans will

be able to live more carefully in space thanks to green technologies. Impulsion oils, coverings, basic fabrics, smart costumes, sensors, and life-sustaining environments are all possible uses where green technologies can have an effect on space travel.

7. Green Technology in Healthcare and Medication: Human well being is a major and important field of green nanotechnology science. Green nanotechnology research opens up a number of possibilities for innovation in the medical industry. Fair and simple diagnostics, creative drug delivery technologies, and faster production of new drugs are just a few of the green technology applications in this field. Green technology is environmentally friendly by definition and the future of green technology seems bright at the moment since global investment in it has been increasing by almost 20% over the last few years in different sectors like energy, innovation, and manufacturing. Energy shortages, global warming, pollution, rising urban population, soil degradation, deforestation and other environmental issues encourage individuals, companies, and countries to look into the future to see how adapting to greener technologies can help change the world. We are proud to be part of these companies because we've said this more than once – we truly believe the future is green. All the environmental damage humans have caused in the past decades should be a wake-up call for everyone around the world that this planet is our only home and that we must do what it takes to protect it.

Green technology includes energy, sustainability, innovation, nanotechnology, green chemistry, green fuels, regenerative design and many other activities that could improve life on our planet thus protecting it in the long run. Energy is considered the most pressing issue when it comes to green technology. We are undoubtedly heading into demise if we continue to rely on fossil fuels, which is why we must focus on other alternatives. Fortunately, the energy sector worldwide is focusing more on the development of alternative fuels and energy sources and we are proud to take leadership in our industry by producing the world's first-ever hydrogen fuel cell sweeper that runs 100% on hydrogen, besides the fact that we've been producing fully electric sweepers for over a decade. Hydrogen has great potential that we mustn't disregard because we need both hydrogen and batteries if we want to truly decarbonize our future. The simultaneous use of both would be really game-changing for our planet. Additionally, the future of green technology will greatly depend on the way businesses and organizations learn to invent, develop, and apply different processes to products and materials because this will play a huge role in helping us transform the manufacturing of products and chemical processes. All these changes can help reduce and eliminate the use and generation of hazardous materials and substances. We are living in the era of innovation and technology which luckily made it possible for certain companies and individuals to trigger massive changes in the ways we live and work globally. We are now seeing history being made with the changes that many governments, companies and organizations are making or planning to make in the near future and they are all based on a common goal – preservation of our planet. We only hope that all our combined efforts will result in a big change for our planet because the future of green technology, albeit bright, still implies that we all must work hard and dedicate our time and effort to achieving this common goal.

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CYBER SECURITY



Cyber security refers to every aspect of protecting an organization and its employees and assets against cyber threats. As cyberattacks become more common and sophisticated and corporate networks grow more complex, a variety of cyber security solutions are required to mitigate corporate cyber risk.

The Different Types of Cybersecurity

Cyber security is a wide field covering several disciplines. It can be divided into seven main pillars:

1. Network Security

Most attacks occur over the network, and network security solutions are designed to identify and block these attacks. These solutions include data and access controls such as Data Loss Prevention (DLP), IAM (Identity Access Management), NAC (Network Access Control), and NGFW (Next-Generation Firewall) application controls to enforce safe web use policies.

2. Cloud Security

As organizations increasingly adopt cloud computing, securing the cloud becomes a major priority. A cloud security strategy includes cyber security solutions, controls, policies, and services that help to protect an organization's entire cloud deployment (applications, data, infrastructure, etc.) against attack.

3. Endpoint Security

The zero-trust security model prescribes creating micro-segments around data wherever it may be. One way to do that with a mobile workforce is using endpoint security. With endpoint security, companies can secure end-user devices such as desktops and laptops with data and network



security controls, advanced threat prevention such as anti-phishing and anti-ransomware, and technologies that provide forensics such as endpoint detection and response (EDR) solutions.

4. Mobile Security

Often overlooked, mobile devices such as tablets and smartphones have access to corporate data, exposing businesses to threats from malicious apps, zero-day, phishing, and IM (Instant Messaging) attacks. Mobile security prevents these attacks and secures the operating systems and devices from rooting and jailbreaking. When included with an MDM (Mobile Device Management) solution, this enables enterprises to ensure only compliant mobile devices have access to corporate assets.

5. IoT Security

While using Internet of Things (IoT) devices certainly delivers productivity benefits, it also exposes organizations to new cyber threats. Threat actors seek out vulnerable devices inadvertently connected to the Internet for nefarious uses such as a pathway into a corporate network or for another bot in a global bot network.

IoT security protects these devices with discovery and classification of the connected devices, auto-segmentation to control network activities, and using IPS as a virtual patch to prevent exploits against vulnerable IoT



devices. In some cases, the firmware of the device can also be augmented with small agents to prevent exploits and runtime attacks.

6. Application Security

Web applications, like anything else directly connected to the Internet, are targets for threat actors. Since 2007, OWASP has tracked the top 10 threats to critical web application security flaws such as injection, broken authentication, misconfiguration, and cross-site scripting to name a few.

With application security, the OWASP Top 10 attacks can be stopped. Application security also prevents bot attacks and stops any malicious interaction with applications and APIs. With continuous learning, apps will remain protected even as DevOps releases new content.

7. Zero Trust

The traditional security model is perimeter-focused, building walls around an organization's valuable assets like a castle. However, this approach has several issues, such as the potential for insider threats and the rapid dissolution of the network perimeter.

The Evolution of the Cyber Security Threat Landscape
The cyber threats of today are not the same as even a few years ago. As the cyber threat landscape changes, organizations need protection against cybercriminals' current and future tools and techniques.

Gen V Attacks

The cyber security threat landscape is continually evolving, and, occasionally, these advancements represent a new generation of cyber threats. To date, we have experienced five generations of cyber threats and solutions designed to mitigate them, including:

Gen I (Virus): In the late 1980s, virus attacks against standalone computers inspired the creation of the first antivirus solutions.

Gen II (Network): As cyberattacks began to come over the Internet, the firewall was developed to identify and block them.

Gen III (Applications): Exploitation of vulnerabilities within applications caused the mass adoption of intrusion prevention systems (IPS)

Gen IV (Payload): As malware became more targeted and able to evade signature-based defenses, anti-bot and sandboxing solutions were necessary to detect novel threats.

Gen V (Mega): The latest generation of cyber threats uses large-scale, multi-vectors attacks, making advanced threat prevention solutions a priority.

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S8, CSE



International Women's Day 2023

"DigitALL: Innovation and technology for gender equality"



Strong technological integration is a necessity in many aspects of our lives, including taking classes, calling loved ones, handling financial business, and scheduling appointments. Currently, everything is processed digitally. 37% of women don't use the internet, though. Despite making up nearly half of the world's population, there are 259 million fewer women than males who have access to the Internet.

Women's opportunities to seek careers in fields related to science, technology, engineering, and mathematics (STEM) are reduced if they are unable to access the Internet and do not feel secure doing so. This is because they are unable to acquire the digital skills required to participate in digital spaces. 75% of employment by 2050 will be in STEM fields. However, only 22% of positions in artificial intelligence, to mention one, are held by women today. requirements of When women are involved in technology, more innovative solutions and innovations that support gender equality and cater to the women are produced. Contrarily, their exclusion has significant financial consequences. Under the subject "DigitALL: Innovation and technology for gender equality," the United Nations Observance of IWD honors and celebrates the women and girls who are leading the way in the development of transformative technology and digital education. In addition to highlighting the significance of safeguarding the rights of women and girls in digital environments and addressing online and ICT-facilitated gender-based violence, the observance will investigate how the growing economic and social inequalities caused by the digital gender gap.

History of IWD

1909

In accordance with a declaration by the Socialist Party of America, the first National Woman's Day (NWD) was observed across the United States on February 28. Women continued to celebrate NWD on the last Sunday of February until 1913.

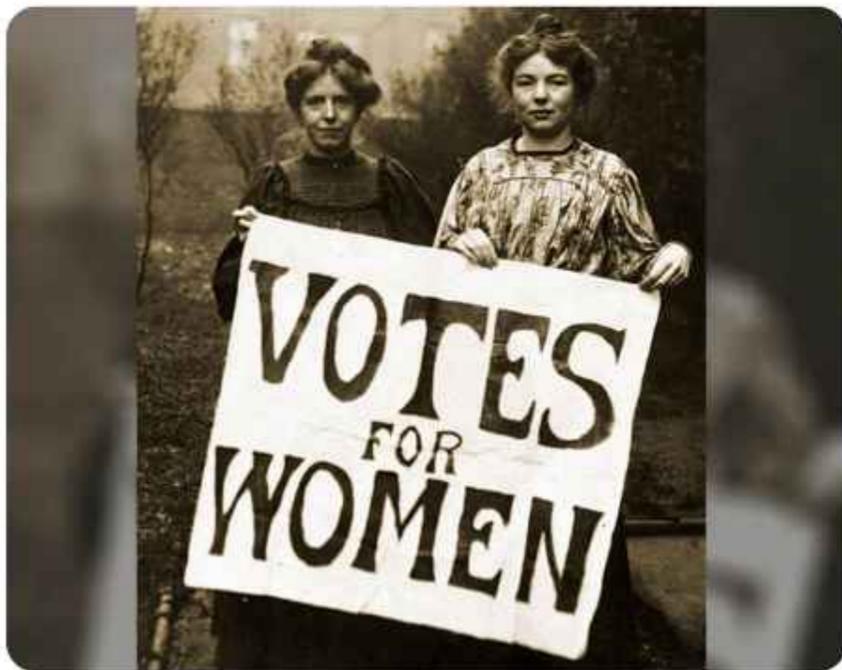


1910

In 1910 a second International Conference of Working Women was held in Copenhagen. A woman named Clara Zetkin (Leader of the 'Women's Office' for the Social Democratic Party in Germany) tabled the idea of an International Women's Day. She proposed that every year in every country there should be a celebration on the same day - a Women's Day - to press for their demands. The conference of over 100 women from 17 countries, representing unions, socialist parties, working women's clubs - and including the first three women elected to the Finnish parliament - greeted Zetkin's suggestion with unanimous approval and thus International Women's Day was the result.

1911

Following the decision agreed at Copenhagen in Denmark in 1911, International Women's Day was honored the first time in Austria, Denmark, Germany and Switzerland on 19 March. More than one million women and men attended IWD rallies campaigning for women's rights to work, vote, be trained, to hold public office and end discrimination. However less than a week later on March 25, the tragic 'Triangle Fire' in New York City took the lives of more than 140 working women, most of them Italian and Jewish immigrants. This disastrous event drew significant attention to working conditions and labor legislation in the United States that became a focus of subsequent International Women's Day events. 1911 also saw women's Bread and Roses campaign.



1913-1914

On the eve of World War I campaigning for peace, Russian women observed their first International Women's Day on February 23, the last Sunday in February. Following discussions, International Women's Day was agreed to be marked annually on March 8 that translated in the widely adopted Gregorian calendar from February 23 - and this day has remained the global date for International Women's Day ever since. In 1914, further women across Europe held rallies to campaign against the war and to express women's solidarity. For example, in London in the United Kingdom there was a march from Bow to Trafalgar Square in support of women's suffrage on March 8, 1914. Sylvia Pankhurst

was arrested in front of Charing Cross station on her way to speak in Trafalgar Square.

1917

On the last Sunday of February, Russian women began a strike for "Bread and Peace" in response to the death of over 2 million Russian soldiers in World War I. Opposed by political leaders, the women continued to strike until four days later the Czar was forced to abdicate and the provisional Government granted women the right to vote. The date the women's strike commenced was Sunday February 23 on the Julian calendar then in use in Russia. This day on the Gregorian calendar in use elsewhere was March 8.

2000

By the new millennium, there was little mainstream activity occurring for International Women's Day in most countries. The world had moved on and, in many spheres, feminism wasn't a popular topic. Something was needed to re-ignite International Women's Day giving it the respect it deserves and to raise awareness among the masses. There was urgent work to do - battles had not been won, and gender parity still had not been achieved. There was a strong need to engage the mainstream masses, and to encourage and support collective action. adopted worldwide across the mainstream. Today, an IWD Charity Alliance is open to female-focused registered charities from around the world.

2011

2011 saw the 100 year centenary of International Women's Day - with the first IWD event held exactly 100 years ago in Austria, Denmark, Germany and Switzerland. In the United States, President Barack Obama proclaimed March 2011 to be "Women's History Month", calling Americans to mark IWD by reflecting on "the extraordinary accomplishments of women" in shaping the country's history. The then Secretary of State, Hillary Clinton, launched the "100 Women Initiative: Empowering Women and Girls through International Exchanges". In the United Kingdom, celebrity activist Annie Lennox lead a march across one of London's iconic bridges raising awareness in support for global charity Women for Women International.



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SCIENCE AND HUMANITIES



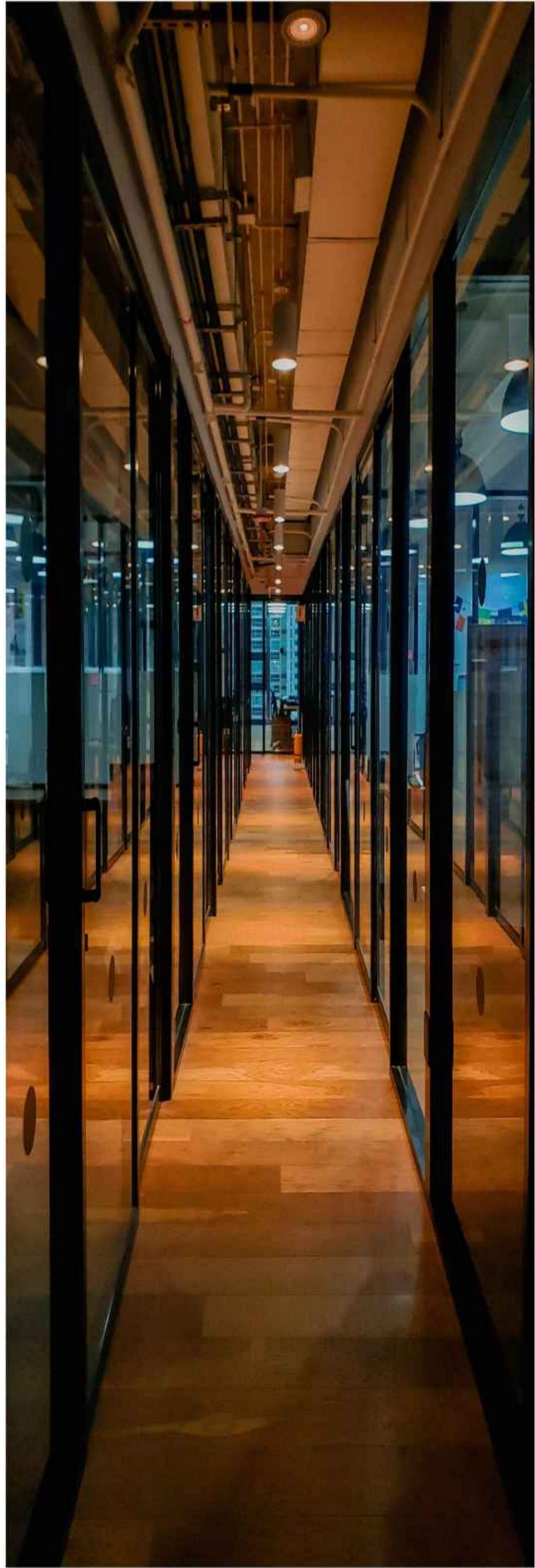
MULTINATIONAL CORPORATIONS: SAVIOUR OR SABOTEUR

Here's Poornima M P with all the woes of MULTINATIONAL CORPORATIONS: SAVIOUR OR SABOTEUR

The last week of February 2016, news of hepatitis C patients protesting outside India's patent office in New Delhi was splashed across all major national newspapers in India. The patients were protesting against the American multinational pharmaceutical major Gilead Sciences and the United States government for pressuring the Indian government "to blindly and speedily grant patents" to Gilead's exorbitantly priced drug named Sovaldi, whose generic versions manufactured by pharmaceutical companies in India are used by millions of hepatitis C patients across the world. So who are these multinational corporations that can even influence sovereign governments and impact millions of lives in the process? The term 'Multinational Corporations' (or MNCs) refers to companies that have operations and offices in multiple countries even though headquartered in only one or few of them. Even though the term itself may be of modern origin, such MNCs have existed at least for the past four to five centuries. East India Company, the English trading company that grew its influence in India in the 17th century and laid the foundations of English rule in India, can easily be classified as one.

In today's globalised and increasingly interconnected world such companies are only increasing their tribe. Exchange of goods, services, ideas, labor etc. are being encouraged worldwide; specialization is being touted as the need of the hour and increasingly more and more companies are spreading their influence outside their country of origin. While one country may be specialized in manufacturing of certain types of goods using patented technology, others may have abundant supply of qualified human resources or cheap labor along with market for selling the finished goods.

Therefore such difference in availability of resources, skills, markets etc., caused not only by historical reasons like imperialism and colonialism, but also political reasons are in-



Involved, companies today are increasingly looking to have a global footprint. Most of the major MNCs today are headquartered in the industrial or developed countries. These companies, armed with the latest technology and surplus capital, are mainly looking towards the markets in less developed and developing economies to expand their operations. A number of MNCs are operating all over the world today.

In India, MNCs like Standard Chartered, HSBC, Colgate Palmolive, Castrol etc, to name a few, have been operating for decades now. However such multinational corporations can be both, a boon as well as a bane, especially for the less developed or developing countries and for a number of reasons which we will be discussing.

Multinational corporations bring with them capital to invest in developing countries. Such capital can be of utmost use in developing economies where capital is scarce and where tremendous growth opportunities exist. Therefore it becomes a win-win situation for both the MNCs and the developing countries as MNCs can deploy their surplus capital for good returns, whereas, the receiving country can expect a boost to its economic growth.

However, quick and mass repatriation of such capital in volatile times can be equally harmful to the economy of the developing country. The East Asian crisis of 1997



caused due to such flight of foreign capital from Thailand, South Korea, and Indonesia etc is a good example. Similarly, usage of tax havens to avoid payment of taxes and 'transfer source pricings' are also major of financial loss caused by MNCs to the developing countries. In recent studies it was also found that majority of the Foreign Direct Investment (FDI) being received from developed countries.

Access to global markets: MNCs can help local businesses to access global markets by providing access to distribution channels and marketing expertise.

The role of multinational corporations (MNCs) is often debated, and opinions on whether they are saviours or saboteurs vary widely. Some people believe that MNCs are essential to economic growth, job creation, and technological advancement, while others see them as

harmful to local economies, exploiting workers and resources, and prioritizing profits over social and environmental responsibility.

Those who argue that MNCs are saviors point to their ability to create jobs and stimulate economic growth in developing countries. MNCs often invest in infrastructure, research and development, and training programs, which can lead to increased productivity and higher wages for workers. They can also bring new technologies and products to local markets, which can improve living standards and consumer choice.

On the other hand, critics argue that MNCs can be saboteurs, damaging local economies and exploiting workers and resources for their own gain. MNCs often operate in countries with weaker labor and environmental laws, which can lead to poor working conditions and environmental degradation. They may also engage in unethical practices such as tax avoidance and transfer pricing, which can reduce revenue for local governments and hinder social development.

Ultimately, the impact of MNCs depends on a variety of factors, including the nature of their operations, the local context, and the regulatory framework in which they operate. While some MNCs have been responsible corporate citizens, others have been criticized for their unethical practices. Therefore, it is important to have effective regulations and oversight to ensure that MNCs operate in a responsible and sustainable manner.

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CRYPTOCURRENCY

"A cryptocurrency is a digital currency, which is an alternative form of payment created using encryption algorithms."

Cryptocurrencies are digital assets that use cryptographic techniques to secure and verify transactions and control the creation of new units. They are decentralized and operate independently of central banks or governments. Bitcoin, the first and most well-known cryptocurrency, was created in 2009, and since then, thousands of new cryptocurrencies have emerged.

Cryptocurrencies are based on blockchain technology, a distributed ledger that records every transaction on the network in a transparent and secure way. The blockchain is maintained by a network of users, who validate and confirm each transaction, ensuring the integrity and security of the system.

The rise of cryptocurrencies has been met with both excitement and skepticism. Some see them as a revolutionary new technology that has the potential to transform the global financial system, while others view them as a speculative investment that is highly volatile and risky.

This article will explore the history of cryptocurrencies, how they work, their potential benefits and drawbacks, and their impact on the global financial system.

The History of Cryptocurrencies

The idea of digital currencies dates back to the 1980s, when a group of cryptographers proposed the concept of electronic cash. However, it wasn't until the creation of Bitcoin in 2009 that cryptocurrencies became a reality.

Bitcoin was created by an unknown individual or group using the pseudonym Satoshi Nakamoto. The true identity of the creator(s) remains a mystery to this day. Bitcoin was designed as a decentralized digital currency that would operate without the need for intermediaries like banks or governments.



mer named Laszlo Hanyecz bought two pizzas for 10,000 bitcoins.

Over the years, Bitcoin has become increasingly popular, and its success has led to the creation of thousands of new cryptocurrencies. Each cryptocurrency operates on its own blockchain, and many have different features and use cases.

How Cryptocurrencies Work

Cryptocurrencies operate on a decentralized network of computers, called nodes, that work together to maintain the integrity and security of the system. Transactions are validated and confirmed by network users, and each transaction is recorded on the blockchain.

The blockchain is a public ledger that records every transaction that takes place on the network. Each block in the chain contains a set of transactions, and once a block is added to the chain, it cannot be altered or deleted. This makes the blockchain a secure and transparent way of recording transactions.

New units of cryptocurrency are created through a process called mining. Mining involves using computational power to solve complex mathematical equations that validate transactions on the network. Miners are rewarded with new units of the cryptocurrency for their efforts.

Cryptocurrencies can be bought and sold on crypto-



currency exchanges, which are similar to traditional stock exchanges. The price of a cryptocurrency is determined by supply and demand, and can fluctuate wildly over short periods of time.

The Potential Benefits of Cryptocurrencies

Proponents of cryptocurrencies see them as a revolutionary new technology that has the potential to transform the global financial system. Some of the potential benefits of cryptocurrencies include:

Decentralization: Cryptocurrencies are decentralized and operate independently of central banks or governments. This gives users more control over their money and reduces the risk of government interference.

Transparency: The blockchain is a transparent way of recording transactions, which reduces the risk of fraud and corruption.

Security: Cryptocurrencies use cryptographic techniques to secure and verify transactions, making them more secure than traditional forms of payment.

Lower fees: Cryptocurrencies can be used to send money across borders quickly and at a lower cost than traditional methods like wire transfers.

Accessibility: Cryptocurrencies can be used by anyone with an internet connection, making them accessible to people who may not have access to traditional banking services.

Limited acceptance: While cryptocurrencies are becoming more widely accepted, they are still not accepted by many merchants and businesses. This can make it difficult to use them for everyday purchases.

Environmental impact: Cryptocurrency mining requires a significant amount of energy, which can have a negative impact on the environment.

Potential for illegal activity: Cryptocurrencies can be used for illegal activities, such as money laundering and the purchase of illegal goods and services.

Impact on the global financial system: The rise of cryptocurrencies could have a significant impact on the global financial system, and some experts believe that they could eventually replace traditional forms of currency.

cryptocurrencies have the potential to revolutionize the global financial system, but they also come with significant risks and challenges that need to be addressed. As the technology continues to evolve, it will be important for regulators, businesses, and individuals to carefully consider the potential benefits and drawbacks of cryptocurrencies and their impact on the financial system.

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THE PATHS TO GLORY LEADS BUT TO THE GRAVE

There is an astonishing disposition in the human mind to seek pleasure from varied sources, even from pain and melancholy. If it weren't so, the gothic genres of literature, horror and bloody movies, lamenting lyrics and grievous ballads would not have been so popular. We receive comfort in gloomy tales, acceptance in sad sonnets and calm pleasure from the elegies which raise our melancholy, for no matter how pompous our life might be, there is always some room for bitter truth of pain and sorrow. Eighteenth century English poet, classical scholar and professor at Cambridge University – Thomas Gray wrote this mournful poem titled 'Elegy written in a country graveyard' in a country church burial ground:

"The boast of heraldry,
The pomp of power, And all that beauty,
All that wealth e'er gave.
Awaits alike the inevitable hour,
The paths of glory lead but to the Grave."

Such quatrains are a continuous reminder of mortality of human life and inevitability of death irrespective of social position, beauty, wealth or any glory. It was the same burial site where Gray was later buried. Of all the truth, death is the most universal, whose realization is assured beyond any doubt and without any exceptions. One thing that man has consistently failed at is in achieving physical immortality. No alchemy, sacrifice, yoga and no enlightenment or Nirvana could materialize into an everlasting enduring life. One who has been born, shall die, so shall one who will be born. Throughout life, people torment themselves for money, material, love, family, health, glory etc. But all the varieties of trouble a life might encounter, with all its preoccupations, find their submergence in death. Death is an inevitable phenomena associated with life, since the moment the worldly existence of life forms is realized. Greek hero of Trojan War, the central character and greatest warrior of Homer's Iliad Achilles was tried to be made immortal by his mother Thetis, herself a sea-nymph. He was dipped into the holy water by her mother to attain immortality. However he was killed at the end of the Trojan War within the city of Troy by an arrow which struck him in the heel. It was discovered that he was left vulnerable at the part of the body by which she held him while dipping into the water, which remained dry. After his death, all his bravery, all the swiftness of his sword and all his insurmountable strength re-

duced to a phrase of grammar called 'Achilles heel' which means a weakness or vulnerable point. Indeed death is the ultimate truth. There is nothing that can stop one from realizing this truth. Nevertheless, fear associated with death might be optional. The fact is, death seems scary, not because Death is scary but because life, many times, gets scary. The fear of death follows from that of life. One who is prepared to die anytime, is the one who lives life fully. It is in such achievement of fearlessness for life that glory sprouts and nurtures itself. The durability of life is often associated with the intensity of glory achieved. Maria Corazon Aquino was a self proclaimed plain housewife till she decided to run for president in the Philippines after her husband was assassinated. She was the most prominent figure of the 1986 People Power Revolution and was named Time magazine's "Woman of the Year" the same year. She toppled the 20-year authoritarian rule of President Ferdinand E. Marcos, restored democracy to the Philippines and served as the 11th President. Prior to this, she had not held any other elective office. She would say: "I would build my dream rather die a meaningful death than to live a meaningless life". The concept of the meaninglessness of life suggests that life lacks any inherent purpose, value or significance. It is a philosophical and existential question that has been debated throughout history by various thinkers, writers, and philosophers. The belief in the meaninglessness of life can stem from a variety of sources, including religious or spiritual disillusionment, personal suffering, or a sense of nihilism, which asserts that life has no ultimate purpose or objective. However, the idea that life is meaningless is not universally accepted, and many philosophers and thinkers have argued that life can have meaning and significance, even if it is not inherent or objective. Some argue that meaning can be found through subjective experiences, personal relationships, or the pursuit of one's passions and interests. Ultimately, whether or not life has meaning is a question that is open to interpretation and subjective perspective. Some people may find meaning in their religious or spiritual beliefs, while others may find meaning in their work, their relationships, or their personal growth and development. It is up to each individual to determine their own meaning and purpose in life.

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Affectation and Attraction

Understanding the Difference

Affectation and attraction are two concepts that are often used interchangeably, but they have very different meanings. Affectation refers to the act of pretending or putting on a show, while attraction refers to a natural feeling of liking or being drawn to something or someone. In this article, we will explore the differences between affectation and attraction, and how they can impact our relationships and interactions with others.

What is Affectation?

Affectation is a term used to describe the act of pretending or putting on a show. It can refer to someone who is being insincere or false in their actions or words. Affectation can be seen in someone who is trying to impress others by being overly flamboyant or extravagant, or by using grandiose language or gestures that are not authentic to their true self. Affectation is often associated with negative connotations because it implies a lack of authenticity and sincerity. People who use affectation in their interactions with others are often seen as disingenuous and untrustworthy. They may be perceived as trying too hard to impress or manipulate others, rather than being genuine and honest.

What is Attraction?

Attraction, on the other hand, is a natural feeling of liking or being drawn to something or someone. It can refer to a physical, emotional, or intellectual connection between two people or things. Attraction is often described as a feeling of chemistry between two individuals that is difficult to explain or quantify. Attraction can manifest itself in many ways, such as through physical appearance, personality traits, shared interests, or common values. It is a natural and instinctive response that is often beyond our control. Attraction can be positive or negative, depending on the individual and the circumstances.

The Differences Between Affectation and Attraction

The main difference between affectation and attraction is that affectation is a deliberate act of pretending or putting on a show, while attraction is a natural feeling of liking or being drawn to something or someone. Affectation is often used to impress or manipulate others, while attraction is a genuine and authentic feeling that arises naturally. Affectation is often associated with negative connotations because it implies a lack of authenticity and sincerity. It can be seen as an attempt to

deceive or manipulate others for personal gain. Attraction, on the other hand, is generally viewed as a positive feeling that arises naturally between two people. In terms of relationships, affectation can be harmful because it creates a false impression of who a person is. If someone is using affectation to impress or manipulate their partner, it can lead to a breakdown in trust and a lack of genuine connection. Attraction, on the other hand, can be a positive force that strengthens relationships and creates a deeper sense of intimacy and connection between two people. In social situations, affectation can be seen as superficial and insincere. It can create a sense of distance between people and prevent genuine connections from forming. Attraction, on the other hand, can create a natural sense of camaraderie and connection between individuals.

How to Avoid Affectation and Foster Attraction

If you find yourself using affectation in your interactions with others, it may be helpful to take a step back and examine your motivations. Ask yourself why you feel the need to put on a show or pretend to be someone you are not. Are you trying to impress others, or are you afraid to show your true self? To foster attraction, it is important to be authentic and genuine in your interactions with others. Be yourself, and don't try to be someone you are not. Focus on building genuine connections with people based on shared interests and values. By being authentic and true to yourself, you will naturally attract people who appreciate and value you.

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ROLE OF COMPUTERS IN CRIME

Computers serve a major role in crime which is usually referred to as "Cybercrime". This cybercrime is performed by a knowledgeable computer user who is usually referred to as a "hacker", who illegally browses or steals a company's information or a piece of individual private information and uses this information for malevolent uses. In some cases, this person or group of individuals may become evil and they destroy and corrupt data files. This cyber or computer-based crime is also known as hi-tech crime or electronic crime. As the computer is the main source of communication across the world, thus this can be used as a source of stealing information and this information can be used for their own benefits.

The role of a computer in the crime may vary depending upon the activity that a person does, for instance, a person may steal the details and misuse them on one hand, and on the other hand, a terrorist may use the information to do violent activities and some persons may steal financial information for trading purposes and so on, but these all activities can be done by the means of a computer only.

Computers have made it easier for law enforcement agencies to investigate and solve crimes, as they can store and analyze vast amounts of data quickly and accurately.

There are several examples of crime that use computers they are as follows:

1. Espionage: This is a process of spying on a person or business.
2. Malware creation: The process of creating malware like viruses etc.
3. Cybersquatting: It is a process of gaining personal information and trying to resell them.
4. Harvesting: Here, hackers usually steal a person's private information from an account and use it for illegal activities.
5. Wiretapping: Here, the hacker connects a device to a phone line and tries to listen to the conversations.

As technology has become more widespread and sophisticated, so too have the methods used by cybercriminals. Some of the most common types of computer crimes include phishing attacks, ransomware, distributed denial-of-service attacks (DDoS), and malware distribution.

To combat computer crime, law enforcement agencies and cybersecurity professionals must stay up-to-date on the latest tactics and techniques used by cybercriminals. This includes implementing strong security protocols, educating the public about how to protect their data and systems, and working collaboratively to investigate and prosecute those who commit these crimes.

Educating the public about how to protect their data and systems is also crucial. This can include providing information on safe browsing practices, how to identify phishing emails, and how to use privacy settings on social media. It is also important to raise awareness about the risks of oversharing personal information online and to promote the use of two-factor authentication to protect accounts.

Finally, working collaboratively to investigate and prosecute those who commit computer crimes is essential. This can involve partnerships between law enforcement agencies, government agencies, and private companies to share information, resources, and expertise. Additionally, laws and regulations must keep pace with the rapidly evolving landscape of cybercrime to ensure that cybercriminals can be effectively prosecuted and brought to justice.

Overall, combating computer crime requires a multifaceted approach that involves ongoing collaboration between various stakeholders, including law enforcement agencies, government agencies, private companies, and individuals. By working together, we can help to prevent and investigate cybercrime and ensure that cybercriminals are held accountable for their actions.

Collaboration is essential for effective investigation and prosecution of computer crimes. This requires partnerships between law enforcement agencies, government agencies, and private companies to share information, resources, and expertise.

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DRUG ABUSE AMONG YOUTHS

Hepatitis B, and the sharing of contaminated needles and syringes is an important mode of transmission for those viruses (United Nations Office on Drug and Crime 15). On several occasions, doctors and physicians have identified drug abuse as one of the major causes of the spread of infectious diseases. Drug abuse generally leads to careless living thus forcing individuals to engage in other dangerous activities including unprotected sex, prostitution, crime and violence, which increase the risk of HIV infection. Globally, drug abuse has influenced drug related deaths amongst youths, popularly known as premature deaths. Drug abuse has been the major cause of deaths that result from accidents that occur when youths are driving, or even having fun. Main accidental deaths relating to drug abuse include suicidal cases, road accidents resulting from driving under the influence of drugs, murder cases, unintentional overdose, unintended infections, and even trauma (United Nations Office on Drug and Crime 16). Youths involved in drug abuse tend to gain the confidence to engage in life-threatening activities because of the effect of hallucinations caused by drug consumption.

According to the United Nations Office on Drug and Crime, the world drug report estimates that, globally, between 99,000 to 253,000 deaths resulting from accidents in the year 2010 resulted from drug abuse (16). It is very traumatizing to identify that of these deaths, over 77.9 cases of such deaths were people aged between 15-64 years, youths inclusive.

There are many factors that can contribute to drug use among youth, including peer pressure, social isolation, family dysfunction, and mental health issues. Some youth may use drugs as a form of self-medication to cope with underlying emotional or psychological problems.

Prevention and intervention programs can help to reduce drug use among youth. These programs may include education and awareness campaigns, mentoring programs, and counseling services. It is also important to involve parents and families in prevention efforts, as they can play a significant role in shaping their children's attitudes towards drug use.

Treatment and recovery services are also critical for youth

who are struggling with drug use. Effective treatment may include a combination of behavioral therapy, medication-assisted treatment, and peer support. It is important to provide youth with the resources and support they need to overcome addiction and lead healthy, productive lives.

Conclusion

Drug abuse among youth is definitely a global predicament. Several factors have influenced teenagers to engage in drug abuse. Peer pressure is a contributing factor towards teenage drug abuse with those used to drug abuse influencing others into it. Family structure and family behavior influences drug abuse since most parents have adopted western culture leading to erosion of social norms, which are important in shaping youth behaviors. Globalization and rural-urban migration have been contributing to this predicament. Socio-economic factors including unemployment have influenced drug abuse among youngsters, with several unemployed citizens finding possible ways of surviving. Unemployment leads to individuals engaging themselves in drug abuse and trafficking. Drug abuse results in several negative consequences. Such repercussions may include psychopathology disorder, post-traumatic disorders, increased risks of HIV/AIDS infection and even an increase in death-related accidents. Drug abuse is still the most challenging thing and may remain troublesome if the relevant authorities will not put stringent measures to arrest the situation.

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സാന്ത്യന തീരം

പുറത്ത് വെയിൽനാളങ്ങൾ പരന്നു തുടങ്ങിയിരുന്നു. കിളികൾ ചിലക്കുന്നതും അമ്പലമണികളുടെ ഒച്ചയും ഒന്നും സുധാകരൻ നായർ അറിയുന്നുണ്ടായിരുന്നില്ല. വിദൂരതയിലേക്ക് മിഴികൾ ഊന്നിയിരുന്ന അയാളുടെ മനസ്സിലേക്ക് പഴയകാല ഓർമ്മകൾ തിരശ്ശീല എന്നപോലെ മിന്നി മറഞ്ഞു കൊണ്ടിരിക്കുകയായിരുന്നു.

ചെറിയ അരുവികളും പുഞ്ചപ്പാടങ്ങളും നിറഞ്ഞ ഗ്രാമത്തിന്റെ ഏകദേശം മധ്യഭാഗത്തായുള്ള ഓലമേഞ്ഞ ചെറിയ വീടിന്റെ കോലായിൽ ഇരുന്ന് വെറ്റില മുറുകുന്ന അച്ഛന്റെ മുഖം അയാളെ കണ്ടപ്പോൾ വീകുന്തി. "മോനേ പാടത്തെ കളകളൊക്കെ പഠിച്ചു കളഞ്ഞോ?" പോയി ഒന്ന് നോക്കിയിട്ട് വാ. ഇതു കേട്ടതും തുമ്പയുമായി വയലിലേക്ക് പുറപ്പെട്ട അയാളെ കാത്ത് പച്ച ദാവണിയുടുത്ത് ലച്ചു കാത്തു നിൽക്കുകയായിരുന്നു. തനിക്ക് അവളെ കിട്ടാനുള്ള അർഹതയില്ല എന്നറിയുന്നതുകൊണ്ട് അവളെ അവഗണിച്ചുകൊണ്ട് മുന്നോട്ടുപോകുമ്പോൾ അയാളുടെ മനസ്സ് നോവുന്നുണ്ടായിരുന്നു. അവളെ ഒരുപാട് ഇഷ്ടമായിരുന്നു എങ്കിലും തുറന്നു പറഞ്ഞിരുന്നില്ല. ഏഴാം ക്ലാസ് കഴിഞ്ഞ് പഠനത്തിന് പണമില്ലാതെ അച്ഛനൊപ്പം പാടത്തേക്ക് ഇറങ്ങേണ്ടി വന്നു. കാലങ്ങൾ കടന്നുപോകേ ലച്ചുവീന്റെ വീവാഹം നടന്നു. അധികം താമസിക്കാതെ അച്ഛനും മരണമടഞ്ഞു. എല്ലാമുറിയെ പണിയെടുത്ത് രണ്ടു പെണ്ണന്മാരെ കെട്ടിച്ചു വീടുകയും ശാരദ എന്റെ ജീവിതസഖിയായി കടന്നുവന്നതും ഇന്നലെ എന്ന പോലെ തോന്നുന്നു. സന്തോഷകരമായ രണ്ടു വർഷങ്ങൾ, തുടർന്ന് മകൻ രാജീവിന്റെ ജനനത്തോടെ ശാരദയുടെ വിധേയവും ഉൾക്കൊള്ളാൻ പറ്റാതെ തളർന്നു പോയി. മകനെ വളർത്തണം എന്ന ചിന്ത വീണ്ടും വയലിലേക്ക് ഇറങ്ങാൻ അയാളെ പ്രേരിപ്പിച്ചു. തുടർന്ന് മകനെ നോക്കിയിരുന്ന അയാളുടെ അമ്മയും കാലഗതി പുകിയതോടെ അവനെ വളർത്താനായി ഒരുപാട് കഷ്ടപ്പാടുകൾ അനുഭവിക്കേണ്ടിവന്നു. പഠിക്കാൻ മിടുക്കനായിരുന്നു മകന്റെ വളർച്ചയിൽ സന്തോഷം പൂണ്ട അയാൾ അവനുവേണ്ടി എന്ത് ത്യാഗവും സഹിക്കാൻ തയ്യാറായിരുന്നു. ബിരുദാനന്തര ബിരുദത്തിനുശേഷം വലിയൊരു കമ്പനിയിൽ ജോലി കിട്ടിയ മകൻ മുൻബൈയിലേക്ക് വണ്ടി കയറുമ്പോൾ മകനെ പിരിയുന്ന സങ്കടത്തിനുമിതെ തന്റെ കഷ്ടപ്പാടിന് ഫലം കണ്ടല്ലോ എന്ന് ആനന്ദം ആയിരുന്നു അയാൾക്ക്.

കുറച്ചുകാലങ്ങൾക്കുശേഷം മകൻ കൂടെ ജോലി ചെയ്യുന്ന പെൺകുട്ടി രാധികയെ വീവാഹം കഴിച്ചു. അപ്പോഴേക്കും ശാരദികയായി തളർന്ന അയാൾക്ക് മകന് ഏറ് വാങ്ങാൻ വീടും പുരയിടവും വീൽക്കണം എന്ന് ആവശ്യം ഇരുട്ടിയിട്ടായി തോന്നി. അവന്റെ നിർബന്ധത്തിനു വഴങ്ങി വീടുവീറ്റു. തുടർന്ന് അയാളെ വൃദ്ധസദനത്തിന്റെ ഒരു മുറിയിലേക്ക് തള്ളിയിട്ട് രാജീവ് മടങ്ങി. വല്ലപ്പോഴും വന്നിരുന്ന രാജീവിന്റെ മകൻ അർജുന് അപ്പുപ്പനെ വലിയ ജീവനായിരുന്നു. അവൻ കട്ടിയായിരുന്നപ്പോൾ അപ്പുപ്പന്റെ അടുത്ത് വന്നു നിൽക്കാറുണ്ടായിരുന്നു. ഇപ്പോൾ അവൻ അമേരിക്കയിൽ ഡോക്ടറായി ജോലി ചെയ്യുന്നു. മകനും കൊച്ചുമകനും തന്നെ കാണാൻ ഇന്ന് എത്തുമെന്ന് പ്രതീക്ഷയിലാണ്

പുറത്തേക്ക് നോക്കിയുള്ള ആ കാത്തിരിപ്പ്. കാറിന്റെ ഡോർ തുറന്നു ഓടിവന്ന് അയാളെ കെട്ടിപ്പിടിച്ച് അർജുൻ വിശേഷങ്ങൾ ഒക്കെ തിരക്കി. ഒപ്പം ഒരു ചോദ്യവും. "അപ്പുപ്പാ ഇനിയും ഇവിടെ മുറികൾ ഒഴിവാക്കി ഉണ്ടാകുമോ?" അച്ഛനും മകനും ഒരുമിച്ചു ചോദിച്ചു "എന്തിന്?". "കുറച്ചുനാളുകൾക്ക് ശേഷം അച്ഛനും ഇതുപോലൊരു മുറി അച്ഛനും ആവശ്യമായി വരും" എന്ന് പുഞ്ചിരിയോടെ അർജുൻ പറഞ്ഞു. അപ്പുപ്പൻ ഒരു സന്തോഷ വാർത്തയുണ്ട്. അച്ഛൻ വീറ്റു അപ്പുപ്പന്റെ തറവാട് വീട് ഞാൻ വാങ്ങി. ഇനിയും അപ്പുപ്പന് ഇവിടെ കഴിയേണ്ടി വരില്ല ഞാനും അച്ഛനും നാട്ടിൽ വന്നു സെറ്റിൽ ആകാമെന്ന് കരുതുന്നു. സുധാകരൻ നായരുടെ കണ്ണുകൾ സന്തോഷത്താൽ നിറഞ്ഞൊഴുകി. കുറേയൊരുകാരെ കണ്ടിട്ടെത്തിയ ശിരസ്സോടെ നിന്ന രാജീവ് അച്ഛന്റെ കൈപ്പിടിച്ച് "വത്ര അച്ഛാ നമുക്ക് വീട്ടിലേക്ക് പോകാം ഞാൻ ചെയ്ത തെറ്റിന് പ്രായശ്ചിത്തമായി ഇനി ഞാൻ എന്നും ഒപ്പം ഉണ്ടാകും" എന്നു പറഞ്ഞ് വൃദ്ധസദനത്തോട് വീട് പറഞ്ഞു പോകുമ്പോൾ ചെറുമകന്റെ ചുണ്ടിൽ ഒരു നറു പുഞ്ചിരി ഉണ്ടായിരുന്നു. വാൽക്കഷണം: സ്വന്തം സുഖസൗകര്യങ്ങൾ നോക്കി, വളർത്തിയ മാതാപിതാക്കളെ വൃദ്ധസദനങ്ങളിലേക്ക് തള്ളിവിടുന്ന മക്കളിൽ നിന്നും മാറി ചിന്തിക്കുമോ പുതിയ തലമുറ? വൃദ്ധസദനങ്ങൾ ഭാവിയിൽ ഇല്ലാതെയാകും എന്ന് നമുക്ക് പ്രത്യാശിക്കാം...

Shiva Priya
S8, CE



As a Student, As a Faculty In MIT

Every student has a dilemma after completing his/her school education. Without any dilemma I opted MIT (formerly SVNCE) after my schooling and I joined in the year 2011 in civil engineering as the third batch of the college. For me, the first year was too long. During our time, we had a first year exam at the end of the year, nowadays it is semester exams. There were a total of ten subjects at that time. It was very interesting to study each subject at the same time it was difficult to cover all the subjects at the end of the year. Studying alone was less effective for me, so I did combined studies with my friends and I cleared those ten subjects at the first attempt itself. From there it was a long journey to the last semester. Second year onwards it was semester system so exams are closely packed. We were 62 students in my class. I had two close friends and we were always sitting in the front bench, because the college bus was the last one to arrive at the college. All the teachers first come to us and ask for what we have learnt in the last class, so we the three were much updated in the class. We had sports and arts days and since I was very interested in all the activities I actively participated and enjoyed all those days. The first version of the Techfest Ignite VI was in the year 2013. It was a new experience for me. From our class we prepared a 'Spaghetti Junction' model, there was an auto-expo in which a royal limousine car was the highlight. We had Onam, Christmas celebrations and there were healthy competitions among the departments. Along with the studies all the extra curricular events were there and as a student I enjoyed my B.Tech life.

The most awaited thing was placement during the final years. We had a good placement officer Mr. Ram Narayan Swamy sir and from my class among the 62 almost 30 plus students were placed in several civil construction companies. I attended my first interview during 2014 and I was placed in 'Shwas Homes' constructions. We nine were hired by them and some others were placed in Sowparnika Homes, Asset homes, Skyline builders, SFS Homes etc. I finally completed my b.tech in the year 2015 and got convocation from my college. My parents were so proud to see my convocation and I was also satisfied. During the year itself I appeared for GATE exam but unfortunately, I lost it for 1.67 marks. At that time I was really interested for doing m.tech and got admission in Industrial Engineering and Management at Rajiv Gandhi Institute of Technology in the non-GATE category but I refused to join in that course. By that time, I took certificate course in AutoCAD 2D and 3D, prepared for ESE etc. During the year 2016 I

got admission for M.tech in Transportation Engineering at Rajiv Gandhi Institute of Technology, Govt. Engineering College, Kottayam. I successfully completed my PG from Rajiv Gandhi Institute of Technology (Govt. Engg College, Kottayam) in the year 2018. When I was in my college hostel at RIT, I had gone through a newspaper advertisement on faculty requirement at MIT. Without any hesitation and with lot of interest, I applied for the post of assistant professor at my college. I was shortlisted for the interview and selected for the post. So, I joined at the same institution where I studied my B.Tech on 18th may 2018.

Now it's going to 5 years as an assistant professor at MIT. For me I love this profession a lot. Now whenever I go outside there will be always a call of 'Hai miss' or 'Hello miss' or whenever there are special occasions some wishes will be there for me, it really gives me a special happiness and I keep all those relations close to my heart. As a teacher I'm strict but at the same time I'm close to children. I always follow-up the students for maintaining their discipline at college, improving their studies and extra-curricular activities. Dear students you may sometimes feel that I'm interfering too much but it's for your great future only.

What I learned from this transition from a student to an assistant professor in the same institution is that, it is a proud feeling to work along with our dear teachers who taught me for bringing any talents and moulded me to become a good engineer. All teachers from the first year and all my department teachers were very supportive and very caring towards me. Now also I am their student even if I am bearing a post of assistant professor. It gives a special feeling and teach me the value of student-teacher relationship. All my students whom I taught in my career were bright and good. I thank my husband for being a pillar of support for me in his busy schedule. I express my heartfelt gratitude to my dear parents for guiding and supporting me, without them I can't even achieve what I am today. I especially dedicate this article to my mother-in-law who loved me dearly and is now in heaven.

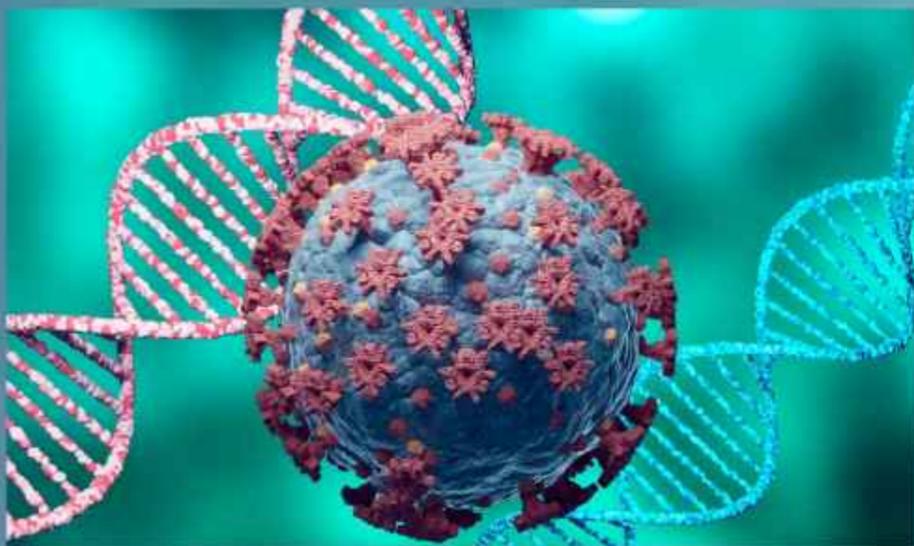
Mrs. Neeraja Chandrasekhar
Assistant Professor, CE



JOURNEY THROUGH COVID ERA

Hello, I would like to start this essay by introducing myself. My name is sivapriya S. I am a student at Mahaguru institute of technology.

To begin, the first time I heard about the COVID-19 virus was towards the end of January 2020. I didn't care that much about it because I thought it was going to be a similar situation like this H1N1 and ebola virus, government officials making statement about the truth of this virus but nothing drastically changed it aside from the learning of a new technique of how to properly sneeze into our elbows instead of our hands. Most of the news coverage was focused on the impact the virus had made in the city of Wuhan, China.



It was in untilld February when I became more some about the severity of the corona virus. News about the thickness of spread of virus makes panic among the public. And then March came, and it completely changed the way things used to be to say the least. During the second week of March, the college announce the transition from in person classes to online classes. No enjoyment, no friends nothing. Worries about the future made into stage of depression. The only way to get rid from depression was engaging into something. During covid time I supposed to make a garden full of vegetablesthus it changed my life. Not only for time pass it made my life happy and able me to stay strong.It is imperative that governments making those decisions have access to the best information available. Throughout those crisis, the international statitics continued to work together, in partnership with systems around the world to ensure that the best quality

data and statistics are available to support decision making during and after the crisis.



The public receives a large amount of information from social media such as WhatsApp and the medical fraternity and government need to develop strategies to ensure that accurate information needs to spread in these fora. The public awareness is quite high and it is important that the knowledge of communication channels be known and be kept at the topmost priority throughout the pandemic. Covid is just an example, it's proven that if we have the mind power and positive attitude, no one can't be beat.

SIVAPRIYA S
SB/CE



History and Origins of Yoga

The history of yoga dates back to ancient India, where it was developed as a way to achieve enlightenment and spiritual growth. The earliest references to yoga are found in the ancient Hindu texts called the Vedas, which were written over 5,000 years ago. The practice of yoga was further developed and refined over the centuries by sages, yogis, and philosophers in India.

The most famous text on yoga is the Yoga Sutras of Patanjali, which was written around 200 BCE. This text outlines the eight limbs of yoga, which include moral and ethical guidelines, physical postures, breathing exercises, meditation, and mindfulness. These practices are designed to help the practitioner achieve a state of inner peace, clarity, and spiritual growth.

Types of Yoga

There are many different types of yoga, each with its own unique focus and approach. Some of the most popular types of yoga include:

Hatha Yoga: Hatha yoga is the most common type of yoga practiced in the Western world. It emphasizes physical postures (asanas) and breathing techniques (pranayama) to improve flexibility, strength, and balance.

Vinyasa Yoga: Vinyasa yoga is a more dynamic and flowing style of yoga that links movement with breath. It focuses on building strength, flexibility, and endurance.

Ashtanga Yoga: Ashtanga yoga is a rigorous and challenging form of yoga that emphasizes a specific sequence of postures. It is designed to build strength, flexibility, and stamina.

Bikram Yoga: Bikram yoga, also known as hot yoga, is a style of yoga practiced in a heated room. It consists of a set sequence of 26 postures and is designed to promote detoxification and increase flexibility.

Restorative Yoga: Restorative yoga is a gentle, relaxing form of yoga that uses props such as blankets and blocks to support the body in passive postures. It is designed to promote deep relaxation and stress relief.

Benefits of Yoga

The practice of yoga offers a wide range of physical, mental, and emotional benefits.

Some of the most commonly cited benefits of yoga include:
Improved Flexibility: Regular practice of yoga can help improve flexibility and range of motion in the joints and muscles.

Increased Strength: Yoga postures can help build strength in the muscles, particularly in the core and upper body.

Stress Relief: The practice of yoga can help reduce stress and anxiety by promoting relaxation and mindfulness.

Improved Breathing: Yoga breathing techniques can help improve lung capacity and promote relaxation.

Better Sleep: Regular practice of yoga can help improve sleep quality and duration.

Reduced Pain: Yoga can be beneficial for people with chronic pain conditions, such as arthritis or back pain.

Improved Mental Health: Yoga can be beneficial for people with depression, anxiety, and other mental health conditions by promoting mindfulness and self-awareness.

LEKSHMI KRISHNA
S6 EEE



THE WORLD CUP QATAR 2022

The FIFA World cup is an international football tournament contested by men's national team of FIFA's member association the 22 FIFA World Cup is taking place in Qatar from 20 November 2022 18 December 2022.

It is the first world cup to be held in the Arab and a Muslim world. To avoid the entrance of Qatar hot climate, This World cup is being held during the winter season.

The choice to host the World cup in Qatar has been source of controversy due to the Qatar's treatment of Migrant workers, woman and its position on LGBT rights. Being the leading of oil and nature gas, Qatar suffers from the high O2 emission Secretary General of the World Cup organizing body Hassan Al Thawadi claimed that every stadium has compiled with sustainability standards to ensure use afterwards Qatar says the stadium will be fully dismantled after the World cup and could be shipped to the countries that need the infrastructure. This will be the first time that the World Cup will be held in the Arab and Muslim world, which has generated a lot of interest and excitement among fans.

One of the most significant challenges facing the organizers of the World Cup in Qatar is the country's climate. The summer temperatures in Qatar can reach up to 50°C, which is unsuitable for players and fans alike. To address this issue, the World Cup has been scheduled to take place during the winter season. This decision has raised some concerns, as it will require a significant adjustment to the traditional football calendar, which could have an impact on the domestic leagues in different countries.

The choice of Qatar as the host of the World Cup has been a source of controversy due to a range of issues, including human rights concerns. One of the most significant concerns is the treatment of migrant workers in Qatar, who have been involved in the construction of the World Cup infrastructure. There have been reports of poor working conditions, inadequate pay, and a lack of access to basic amenities for these workers, which has raised concerns about the ethics of the World Cup being held in Qatar.

Another area of concern is the treatment of women in Qatar, who face significant restrictions on their freedom of movement and dress. These restrictions could have an impact on female fans attending the World Cup, who may face difficulties in accessing stadiums and moving

around the country. Additionally, Qatar's position on LGBT rights has been criticized, with homosexuality being illegal in the country, and same-sex relationships not recognized.

One of the most significant challenges facing Qatar as a host nation is the environmental impact of the World Cup. As a leading producer of oil and natural gas, Qatar has one of the highest levels of greenhouse gas emissions per capita in the world. The construction and operation of the World Cup infrastructure is likely to have a significant environmental impact, particularly in terms of energy use and carbon emissions. To address this issue, the organizers of the World Cup have introduced a range of sustainability measures, such as using renewable energy sources and recycling waste. The stadiums used for the World Cup have been designed to comply with sustainability standards, and the organizers have claimed that they will be dismantled after the event and shipped to countries in need of infrastructure.

In conclusion, the 22nd edition of the FIFA World Cup in Qatar is a significant event that has generated a lot of interest and excitement among fans worldwide. However, it has also been a source of controversy due to a range of issues related to human rights and environmental sustainability. It remains to be seen how these issues will be addressed, and whether the World Cup in Qatar will ultimately be seen as a success or a source of further controversy.

GOVIND G
S4 CE



Life Through the Eyes of a Mathematician

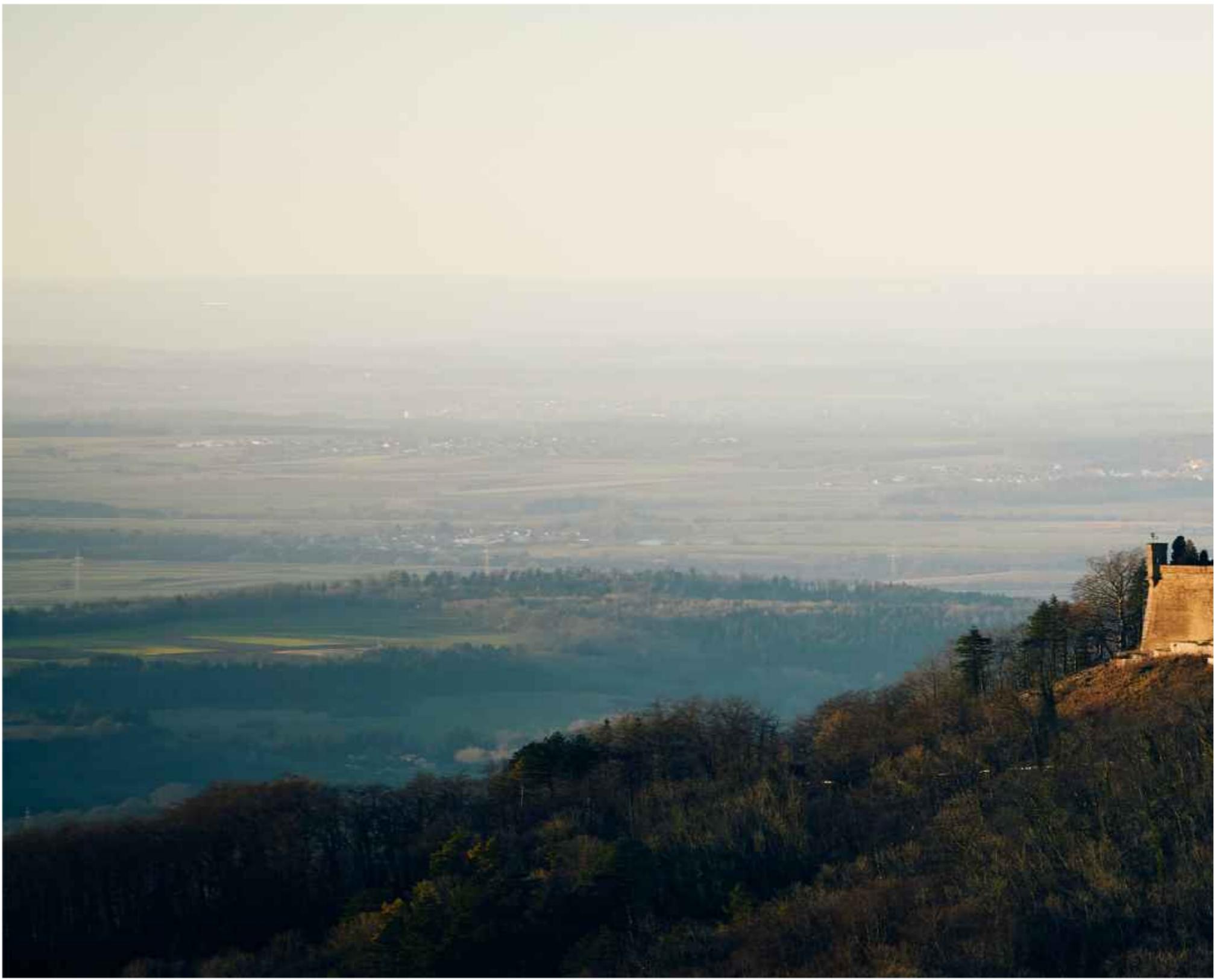
**"There are no secrets to success. It is the
result of preparation, hard work, and
learning from failure."**

-Colin Powell

Mathematics is in every aspect of our lives; from a mother-child relationship to a person's every need. The emotional distance between a mother-child can be minimised, i.e. there exists a $\Delta > 0$ for which we have $\epsilon > 0$. A mother always tends to a child, who is a limit to her. Every person has ∞ desires to fulfill despite knowing the fact that ∞ is not a real number. Human beings generally behave like a modulus function as they react positively or negatively according to the circumstances or people around them; whenever a person is looking forward to a positive outcome from a situation he takes the positive values otherwise he chooses to remain indifferent by taking the negative values. Friends are like limitless functions separately but together they become a constant function. College students resemble 'unlike terms' of algebra, that is, until the lunch break. The Cafeteria then becomes their limit point of enjoyment as there exists a lot of points in that interval of time. A group of friends is like an integral domain because of the absence of zero divisors which implies there exists two friends such that $(1st\ friend \times 2nd\ friend) = 0$ as their love for each other makes them an identity together. Teachers are synonymous with integration as they increase the capabilities of a constant student with their knowledge and magnify a student's capabilities. The most important lesson Mathematics teaches us is the will to never give up as every problem has a solution.

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Legend of Princess Ahira

This is a summary of a novel written by K.M.Shea

Princess Ahira is a legendary figure in Arabian folklore. She is said to be a wise and beautiful princess who was known for her intelligence and kind heart.



Princess Ahira was abducted by dragons on her 18th birthday. Then she became the servant of a dragon who was a nerd. He, being very much interested in all kinds of experiments, was not a remarkable house owner, after Ahira came to his house, she made it into a beautiful home. By and by they fell in love with each other. But soon it was time for them to be separated when people came to rescue Ahira. Later during their separation, they understood the depth of their love for each other as well as the humans and dragons formed a good bond with each other. According to the legend, Princess Ahira lived in a time when Arabia was ruled by powerful emperors who were often cruel and tyrannical. However, despite the difficult conditions of her time, Princess Ahira never lost her faith in justice and the goodness of humanity. Princess Ahira was known for her wisdom and intelligence, which she used to help those in need.

She was a skilled diplomat and negotiator, and was often called upon to mediate disputes between warring tribes. Her ability to listen to both sides and find a compromise that satisfied everyone was legendary. In addition to her diplomatic skills, Princess Ahira was also known for her compassion and generosity. She was always willing to help those in need, whether they were poor and destitute or wealthy and powerful. Her kindness and compassion earned her the love and respect of her people, and she was widely regarded as a wise and just ruler. In the end, Princess Ahira's legacy was one of wisdom, compassion, and justice. Her name became synonymous with these virtues, and she remains an inspiration to this day for those who seek to make the world a better place through kindness and wisdom.

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The Benefits and Drawbacks of Working from Home

The COVID-19 pandemic was a global health crisis caused by the spread of the SARS-CoV-2 virus, which first emerged in Wuhan, China in late 2019. The virus caused severe respiratory illness, with symptoms ranging from mild flu-like symptoms to severe pneumonia and respiratory failure, and was fatal, particularly in vulnerable populations such as the elderly and those with underlying health conditions. The pandemic had a profound impact on societies and economies worldwide, with widespread disruptions to daily life, business operations, and travel, as well as significant increases in morbidity and mortality. Efforts to combat the pandemic included measures such as social distancing, mask-wearing, vaccination campaigns, and public health messaging. The COVID-19 pandemic has changed the way we work, with remote work becoming the new norm for many employees around the world. While some people have enjoyed the flexibility and comfort of working from home, others have struggled with the isolation and lack of work-life balance. In this article, we will explore the benefits and drawbacks of working from home, and how employers and employees can make the most of this new way of working. After COVID-19, the concept of working from home has become more widely accepted and even expected by many employers and employees. Many companies have discovered that remote work can be just as productive as traditional office-based work, and it has the potential to save costs on office space, commuting, and other related expenses. Additionally, remote work has been shown to offer more flexibility for employees, allowing them to better balance their work and personal lives.

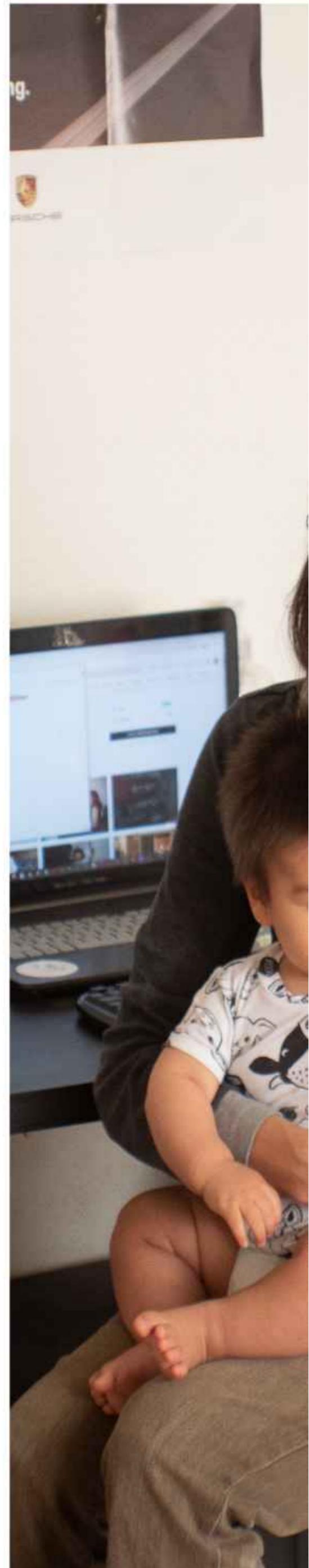
However, working from home also comes with its own set of challenges. It requires a reliable internet connection, a suitable workspace, and self-discipline to stay on task and avoid distractions. Employers may also need to provide the necessary equipment and resources for remote work, such as laptops and software tools. Overall, work from home is likely to continue to be a part of the work culture even after COVID-19, as more and more people see the benefits of remote work and more companies adopt remote work policies.

Benefits of Working from Home:

Increased Flexibility: Working from home allows employees to have more control over their work schedule. They can set their own hours and work when they are most productive.



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This can lead to better work-life balance, as employees can adjust their schedules to accommodate personal obligations or family commitments. Additionally, remote work can provide opportunities for employees to work from different locations, such as while traveling, which can increase job satisfaction.

Reduced Commute Time and Costs: Commuting can be a major source of stress and time consumption for employees. Working from home eliminates the need for a daily commute, freeing up time for other activities and reducing expenses associated with transportation, such as gas and car maintenance costs. This can lead to a more sus-

tainable and environmentally friendly lifestyle, as fewer people are driving to work.

Improved Health and Wellbeing: Working from home can have a positive impact on physical and mental health. With fewer distractions and interruptions, employees can focus on their work without the stress of a noisy or crowded workplace. Additionally, remote work allows employees to create a personalized work environment that is comfortable and conducive to their individual needs. They can adjust the lighting, temperature, and ergonomics of their workspace, reducing the risk of injuries or discomfort caused by poor working conditions.



Increased Productivity: Studies have shown that remote workers can be more productive than those working in traditional office settings. This may be because they have fewer distractions and interruptions, can set their own schedules, and have more control over their work environment. Additionally, remote work can foster a greater sense of autonomy and trust between employers and employees, leading to increased motivation and job satisfaction.

clear boundaries and expectations around work hours and availability to prevent burn-out and maintain a healthy work-life balance. This may involve setting designated work hours, communicating availability to colleagues, and ensuring that work does not interfere with personal commitments.

How Employers and Employees Can Make the Most of Working from Home:

Communication: When working remotely, effective communication becomes even more important. Clear and regular communication between employers and employees is crucial to ensure that everyone is aligned and working towards the same goals. It is also important to establish expectations around response times and availability.

Flexibility: Working from home can provide more flexibility in terms of work hours and location. However, it is important to establish



Connection: Working from home can be isolating, which can negatively impact employee well-being and productivity. To combat this, employers should encourage virtual team-building activities and opportunities for social interaction. This may include virtual coffee breaks, online games, or social events. Additionally, employees can create their own social opportunities by connecting with colleagues over video conferencing platforms or chat apps.

Man with the Machine World

The Impact of Technology on Society

The world we live in today is driven by technology. From smartphones and laptops to advanced robotics and artificial intelligence, technology has become an integral part of our lives. The rise of the digital era has brought about unprecedented levels of convenience, efficiency, and productivity. However, this technological revolution has also raised some critical questions about the relationship between man and machine. The purpose of this article is to examine the impact of technology on society and explore the ways in which technology is shaping the world we live in.

The Benefits of Technology:

One of the most significant benefits of technology is its ability to improve our quality of life. Thanks to technology, we have access to a vast array of tools and resources that enable us to accomplish things we never thought possible. For example, smartphones have made communication more accessible than ever before. We can now connect with people from all over the world instantly, regardless of their location. This level of connectivity has revolutionized the way we do business, allowing us to work remotely and collaborate with colleagues from anywhere in the world. Another benefit of technology is the way it has revolutionized education. With the rise of e-learning platforms, students now have access to a wealth of information and resources that were previously unavailable. Online courses have made education more accessible, allowing individuals to learn at their own pace and from the comfort of their own homes. This has opened up opportunities for people who may have previously been unable to pursue further education due to financial or geographical constraints.

The Impact of Technology on the Job Market:

While technology has brought about many benefits, it has also had a profound impact on the job market. Automation and robotics have replaced many traditional jobs, leading to significant job losses in some sectors. For example, the rise of self-driving cars threatens to put many truck drivers out of work. Similarly, the widespread use of robots in manufacturing has led to a decline in jobs for manual laborers. However, technology has also created new job opportuni-



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ties. As automation and robotics become more widespread, there is an increasing need for individuals who can design, maintain, and program these machines. Jobs in fields such as robotics engineering, software development, and data analytics are in high demand and are expected to grow significantly in the coming years.

The Ethical Implications of Technology:

As technology continues to advance, it is essential to consider the ethical implications of our actions. For example, the rise of artificial intelligence has raised questions about

the role of machines in decision-making. If machines are making decisions that affect people's lives, who is ultimately responsible for those decisions? Similarly, the use of drones for military purposes has raised questions about the ethics of using machines to kill people. Another ethical concern is the impact of technology on privacy. With the rise of social media and the internet of things, our personal data is more accessible than ever before. This raises concerns about who has access to our data and how it is being used. Additionally, the use of facial recognition technology has raised concerns about the potential for abuse and the infringement of individuals' rights.



The Future of Technology:

The pace of technological advancement shows no signs of slowing down. In the coming years, we can expect to see even more dramatic changes in the way we live and work. For example, the rise of autonomous vehicles is expected to revolutionize the way we travel. Similarly, the development of quantum computers could lead to a new era of computing power, enabling us to solve problems that were previously impossible. However, the future of technology is not without its challenges. One of the most significant challenges is the need to ensure that technological advancement benefits everyone, not just a select few. As technology continues to shape our world, it is essential to consider the impact on individuals and communities who may be left behind. As we move forward with technology, it is important to acknowledge the potential for job displacement and widening economic inequality. As machines and automation become more prevalent, it is essential to consider how these changes will affect employment and income distribution. Governments

and companies must invest in education and training to ensure that workers are equipped with the skills necessary to adapt to the changing job market. Additionally, the ethical implications of new technologies must be considered. For example, as we move towards artificial intelligence and machine learning, it is important to consider the potential for bias and discrimination in decision-making algorithms. It is crucial that we prioritize the development of technology that is transparent, equitable, and inclusive. Another challenge is the need to balance innovation with security and privacy. As we become more reliant on technology, we must ensure that personal data is protected and that security measures are in place to prevent cyberattacks and breaches.

The benefits of practising mindfulness

TIn today's fast-paced world, stress, anxiety, and depression are becoming increasingly prevalent. The constant hustle and bustle of everyday life can lead to burnout, making it difficult to manage our emotions and stay focused. In recent years, there has been a growing interest in mindfulness as a tool for managing stress and improving overall well-being. In this article, we will explore the benefits of practicing mindfulness and how it can positively impact our lives.

What is Mindfulness?

Mindfulness is the practice of paying attention to the present moment with a non-judgmental attitude. It involves focusing on the sensations in your body, your breath, and your surroundings. It's about being fully present in the moment and accepting it for what it is, without trying to change it or react to it. Mindfulness can be practiced in many forms, such as meditation, yoga, or simply taking a walk in nature.

Benefits of Practicing Mindfulness

1. Reduces Stress and Anxiety

One of the most significant benefits of mindfulness is its ability to reduce stress and anxiety. When we practice mindfulness, we learn to let go of our worries about the future and regrets about the past, and instead focus on the present moment. This can help us feel more calm and centered, even in the face of challenging situations.

Several studies have shown that practicing mindfulness can reduce symptoms of anxiety and depression. A review of 47 studies found that mindfulness-based interventions were effective in reducing symptoms of anxiety, depression, and stress. Another study found that mindfulness meditation reduced anxiety and depression symptoms in people with generalized anxiety disorder.

2. Improves Focus and Concentration

Mindfulness can also improve our ability to focus and concentrate. When we practice mindfulness, we learn to tune out distractions and focus on the task at hand. This can help us be more productive and efficient in our daily lives.

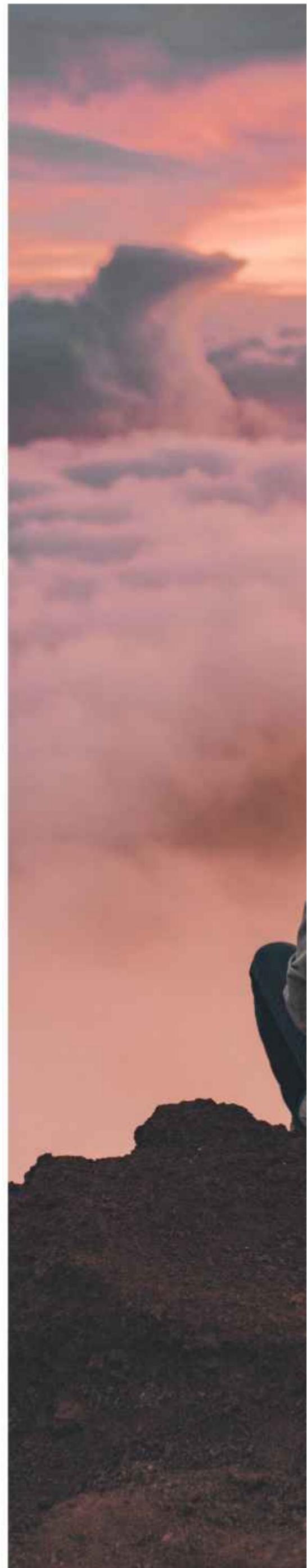
A study published in the Journal of Management found that mindfulness training improved the ability to focus and increased cognitive flexibility. Another study found that mindfulness meditation improved working memory and execu-



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tive functioning.

3. Enhances Emotional Regulation

Practicing mindfulness can also help us regulate our emotions. When we become more aware of our thoughts and emotions, we can learn to observe them without judgment and respond in a more balanced and compassionate way. This can help us better manage difficult emotions like anger, frustration, and sadness.

A study published in the Journal of Consulting and Clinical Psychology found that mindfulness-based stress reduction improved emotional regulation and reduced symptoms of depression in people with chronic

pain. Another study found that mindfulness training reduced emotional reactivity and improved emotion regulation in people with high levels of stress.

4. Improves Physical Health

In addition to its mental health benefits, mindfulness can also improve our physical health. Mindfulness has been shown to reduce blood pressure, improve sleep quality, and boost the immune system.

A study published in the Journal of Alternative and Complementary Medicine found that mindfulness meditation reduced blood pressure in people with hypertension. Another study found that mindfulness-based



stress reduction improved sleep quality in older adults. And a review of 20 studies found that mindfulness-based interventions improved immune system function.

5. Increases Self-Awareness and Compassion

Finally, practicing mindfulness can increase our self-awareness and compassion. When we become more aware of our thoughts and emotions, we can learn to observe them without judgment and respond in a more compassionate way. This can help us be more empathetic and understanding towards others as well.

A study published in the Journal of Positive Psychology found that mindfulness training increased self-compassion and decreased self-criticism. Another study found that mindfulness meditation increased empathy and compassion towards others.

Conclusion

Mindfulness is a simple yet powerful practice that can have a significant impact on our mental and physical well-being. By paying attention to the present moment and practicing non-judgmental awareness

Being mindful means being fully present and aware of our thoughts, feelings, and surroundings in the present moment. Practicing mindfulness has been shown to have numerous benefits for both physical and mental health.

When we are mindful, we are better able to manage stress and anxiety. By focusing on the present moment, we can reduce worry and rumination about the past or future. This can lead to improved emotional regulation and a greater sense of calm and well-being. Mindfulness can also improve cognitive functioning, including attention and memory. By focusing on the present moment, we can improve our ability to concentrate and process information. Additionally, practicing mindfulness can lead to greater self-awareness and self-acceptance. By becoming more aware of our thoughts and feelings, we can identify negative patterns and work to change them. This can lead to improved relationships with ourselves and others.

The art of storytelling in marketing

The world of marketing, the art of storytelling has become an essential tool for building a brand and connecting with consumers. It has been said that people don't buy products, they buy stories. Stories have the power to engage, inspire, and create emotional connections that go beyond the simple transactional relationship between a consumer and a brand. In this article, we will explore the art of storytelling in marketing, its benefits, and how it can be used effectively.

At its core, storytelling is about creating a narrative that people can relate to. It is about taking the brand's message and transforming it into something that resonates with the audience on a deeper level. Storytelling is not just about selling a product or service, it's about creating an emotional connection that inspires action. It's about telling a story that engages and captivates the audience, leaving a lasting impression.

The Benefits of Storytelling in Marketing

One of the primary benefits of storytelling in marketing is that it helps to create a unique brand identity. It allows brands to differentiate themselves from their competitors and establish a personality that resonates with their target audience. By telling a story that reflects the brand's values, beliefs, and personality, it becomes easier for consumers to identify with the brand and create a connection.

Storytelling in marketing also helps to build trust and credibility. When a brand tells an authentic and relatable story, it helps to humanize the brand and create a sense of empathy with the audience. This can lead to increased trust and loyalty, as consumers are more likely to do business with a brand they feel they can trust.

Additionally, storytelling in marketing helps to create a memorable brand experience. When a brand tells a compelling story, it creates a lasting impression on the audience. This can lead to increased brand recall, as consumers are more likely to remember a story than a simple product or service description.

How to Use Storytelling in Marketing

To effectively use storytelling in marketing, brands need to understand their audience and their values. They need to understand what motivates their audience and what their pain points are. By understanding the audience, brands can create stories that are relatable and engaging.

The next step is to develop a narrative that aligns with the brand's values and personality. This could be a story about the brand's history, a behind-the-scenes look at the production process, or a story about how the brand has helped



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customers overcome a challenge. The key is to make the story relatable and engaging. Once the narrative is developed, it is important to use different mediums to tell the story. This could be through social media posts, blog articles, videos, or even podcasts. Each medium has its own unique strengths and can help to bring the story to life in different ways.

Another important aspect of storytelling in marketing is authenticity. Consumers can sense when a story is forced or inauthentic, so it is important to be genuine and truthful. This means being honest about the brand's successes and failures, and not overselling or exaggerating.

Examples of Storytelling in Marketing

One brand that has mastered the art of storytelling in marketing is Nike. Their "Just Do It" campaign is a prime example of how a brand can use storytelling to create an emotional connection with its audience. The campaign features stories of athletes who have overcome challenges and obstacles to achieve their goals. These stories inspire and motivate consumers to push themselves to be their best.

Another example is Coca-Cola's "Share a Coke" campaign. The campaign featured personalized Coke bottles with people's names on them, which encouraged consumers to share a Coke with someone they care about. The campaign was a huge success and helped to create a sense of



community and connection among consumers.

Conclusion

In conclusion, the art of storytelling in marketing is a powerful tool for brands to connect with their audience and create a unique brand identity. By creating relatable and engaging stories that align with the brand's values and personality, brands can build trust, credibility, and a memorable brand experience. The key to effective storytelling in marketing is understanding the audience, being authentic, and using different mediums to bring the story to life. Brands that master the art of storytelling in marketing will not only increase their bottom line, but also create a lasting emotional connection with their consumers.

Marketing through social media involves promoting products or services using social media platforms such as Facebook, Instagram, Twitter, and LinkedIn. It is an effective way to reach a large audience, build brand awareness, and engage with customers. Social media marketing involves creating content that is tailored to the platform and audience, such as posts, stories, and videos. It also includes paid advertising options that allow businesses to target specific audienc-

es and track the effectiveness of their campaigns. Social media marketing can be a cost-effective way for businesses to promote their products or services, build relationships with customers, and drive sales.

Social media has become an essential part of our daily lives, and businesses have recognized the importance of using these platforms to reach and engage with potential customers. With billions of active users on social media, it presents an opportunity for businesses to promote their products or services and build brand awareness.

One of the benefits of social media marketing is that it allows businesses to create content that is tailored to their target audience. By understanding the demographics and interests of their audience, businesses can create engaging and relevant content that resonates with their followers. This content can include blog posts, videos, images, infographics, and more.

HUMAN CONNECTION AND RELATIONSHIP

Human connection and relationships are an essential part of our lives. It is through our relationships that we find meaning and purpose. From the time we are born, we start forming connections with the people around us, and these connections shape our understanding of the world. Whether it is our relationship with our parents, siblings, friends, or romantic partners, each connection we make adds to the tapestry of our lives.

At the core of human connection is the need for social interaction. We are social creatures, and we thrive on the energy and support we receive from those around us. We need to feel seen, heard, and understood, and relationships provide us with the space to do so. When we connect with someone, we create a space where we can share our thoughts, emotions, and experiences without judgment. This is a fundamental part of our emotional well-being.

One of the most critical aspects of human connection is the ability to form deep, meaningful relationships. These are the relationships that allow us to connect on a more profound level, where we can share our hopes, dreams, and fears. Deep connections require a high level of vulnerability and trust, and they are the ones that help us grow and learn as individuals. When we form deep connections with others, we are more likely to feel fulfilled, happy, and supported.

However, building deep connections can be challenging, especially in today's fast-paced, technology-driven world. Many of us are so focused on our careers, social media, and other distractions that we forget to take the time to connect with the people around us. We often settle for superficial connections, such as small talk with colleagues or acquaintances, rather than investing time and energy in building more meaningful relationships.

Another challenge is that relationships are not always easy. They require work, commitment, and compromise. We may not always agree with our partners or friends, and conflicts may arise. However, it is through these conflicts that we learn how to communicate effectively, resolve differences, and grow together. It is essential to recognize that relationships are not perfect, but rather, they are constantly evolving, and it is up to us to put in the effort to make them thrive.

One of the benefits of having strong connections with others is the sense of belonging it provides. When we feel connect-



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ed to others, we feel like we are part of a community, and this can be incredibly empowering. It is through our relationships that we learn to appreciate the diversity and uniqueness of the people around us. We learn to respect their opinions and values, and we gain a broader perspective on the world. When we feel like we belong, we are more likely to be happy, confident, and fulfilled.

On the other hand, when we lack meaningful connections, we can feel isolated and lonely. This can lead to mental health issues, such as depression and anxiety. In today's world, where people are more connected than ever before, it may seem paradoxical

that loneliness is becoming an epidemic. However, the truth is that many people are struggling to form deep connections, and this can have a significant impact on their well-being.

The importance of human connection is not limited to personal relationships; it extends to our professional lives as well. When we feel connected to our colleagues and the organizations we work for, we are more likely to be productive and engaged. We feel like we are part of something larger than ourselves, and this can be incredibly motivating. On the other hand, when we feel disconnected from our work, we may become disengaged and unmotivated,



leading to decreased productivity and job dissatisfaction.

Human connection and relationships are essential to our well-being and happiness. They provide us with a sense of belonging, meaning, and purpose, and they allow us to grow and learn as individuals. Building deep, meaningful connections requires vulnerability, trust, and effort, but the rewards are immeasurable. We must take the time to connect with those around us, to communicate effectively, and to build a community where we feel seen, heard, and understood.

In today's society, with the proliferation of technology and social media, it is more crucial than ever to prioritize human connection. While technology can help us stay connected with people across the world, it can also create barriers to forming deep, meaningful relationships with those around us. We must make a conscious effort to put down our devices, look up, and engage with the people in our lives.

Moreover, it is vital to recognize that human connection is not a one-size-fits-all approach. Each individual has unique needs and preferences when it comes to forming connections. Some people may prefer to

have a few deep connections, while others may thrive on a broad network of friends and acquaintances. It is up to us to identify what works best for us and to cultivate relationships that meet our needs.

Finally, we must acknowledge that relationships are not always easy, and they require work and effort. We must be willing to communicate effectively, to listen actively, and to be open to different perspectives. When conflicts arise, we must approach them with a willingness to compromise and find a resolution that works for both parties. Building strong relationships is an ongoing process, and we must be willing to put in the effort to make them thrive.

In conclusion, human connection and relationships are an essential part of our lives. They provide us with a sense of belonging, meaning, and purpose, and they allow us to grow and learn as individuals. In today's fast-paced, technology-driven world, it is more important than ever to prioritize human connection and to invest time and energy in building deep, meaningful relationships with those around us. By doing so, we can create a community where we feel seen, heard, and understood, and where we can thrive as individuals.

Role Of Women In Stem Fields

Empowering through knowledge

The recent years, the demand for women in STEM (Science, Technology, Engineering, and Mathematics) fields has grown significantly. This trend is not only a result of the increasing number of STEM jobs, but also the realization that having diverse perspectives and backgrounds in these fields leads to better outcomes. Women have a crucial role to play in STEM, and their involvement in these fields is essential for innovation, progress, and success.

One of the biggest challenges women face in STEM is the underrepresentation of women in these fields. While women make up almost half of the workforce, they are still significantly underrepresented in STEM careers. This gap begins early in education, where young girls are often discouraged from pursuing STEM subjects. This is due to societal beliefs and biases, lack of female role models in STEM fields, and inadequate support and resources for women in these fields. Despite these challenges, many women have made significant contributions to STEM. One such example is Dr. Frances Arnold, a Nobel Prize-winning chemist whose work in directed evolution has led to the creation of new enzymes for everything from renewable fuels to pharmaceuticals. Another example is Dr. Jennifer Doudna, who was awarded the Nobel Prize in Chemistry in 2020 for her work on CRISPR-Cas9, a revolutionary tool for editing genes. These women have made groundbreaking discoveries and advancements in their fields, demonstrating the potential for women to excel in STEM.

Women in STEM bring unique perspectives and insights to their work, which can lead to better outcomes. For example, studies have shown that diverse teams, including those with gender diversity, are more innovative and creative. Women are also more likely to consider the societal and ethical implications of their work, which is crucial in fields such as biotechnology and artificial intelligence.

In addition to bringing diverse perspectives, women in STEM can also serve as role models and mentors for future generations of women in these fields. Representation matters, and seeing successful women in STEM can inspire young girls to pursue careers in these fields. Mentors can provide guidance and support, helping women navigate the challenges they may face in STEM careers and providing opportunities for networking and professional development.

To increase the representation of women in STEM, it is essential to address the barriers and challenges they face. This includes promoting STEM education for girls and women, providing mentorship and support, and addressing gender bias and discrimination in STEM workplaces. Companies



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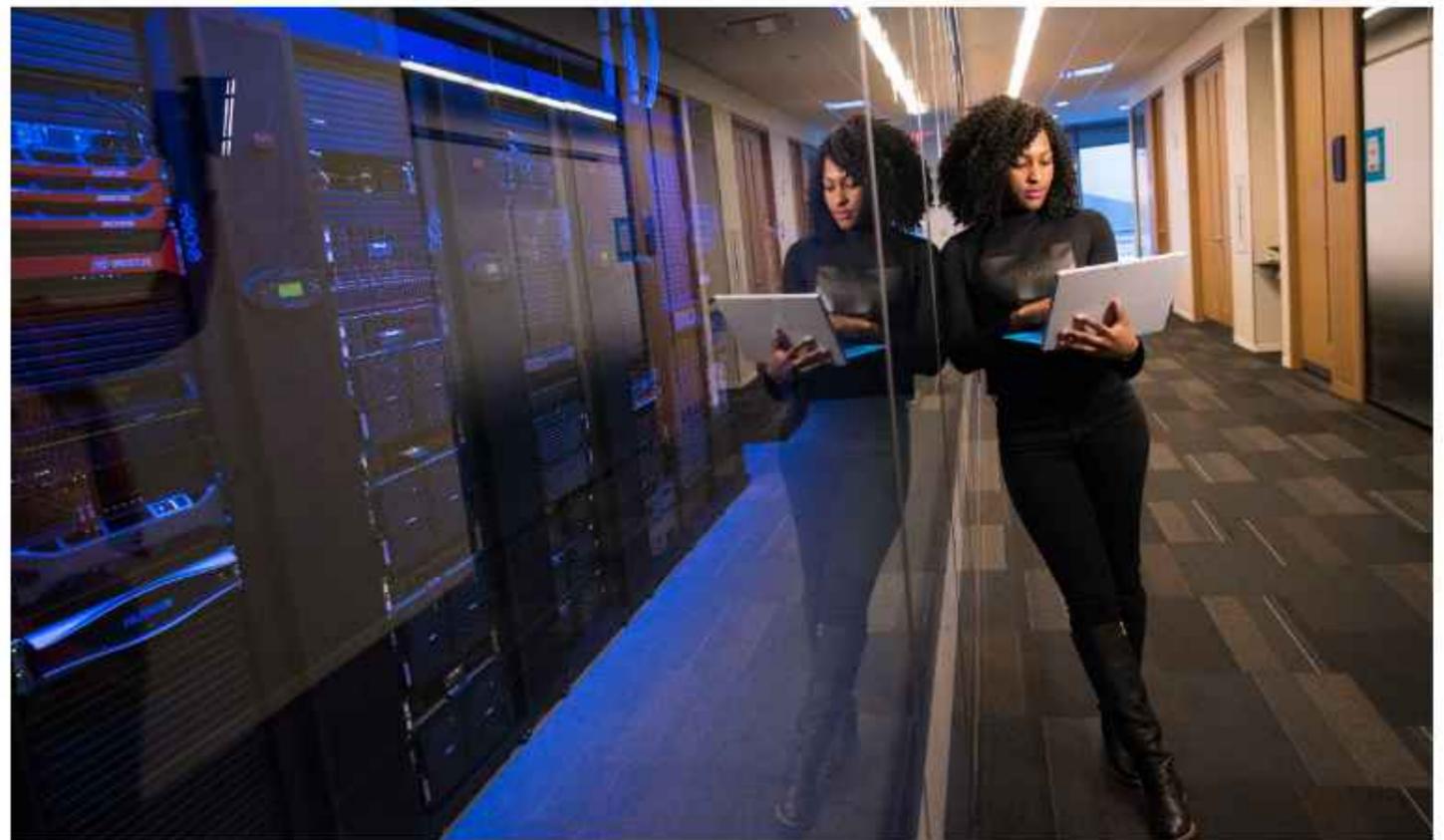


and organizations can also play a role in promoting diversity and inclusion by implementing policies and practices that support women in STEM, such as offering flexible work arrangements and addressing unconscious biases in hiring and promotion processes. Women have historically faced barriers to entry in STEM fields, but in recent years, there has been a push to increase the representation of women in these areas. To achieve this, it is essential to promote STEM education for girls and women from an early age. This can be done by providing opportunities for girls to participate in STEM-related activities and programs, creating STEM-focused mentorship and networking groups, and highlighting the achievements of women in

STEM.

It is also important to address the biases and discrimination that women face in STEM workplaces. This can include implementing policies and practices that promote diversity and inclusion, such as creating a safe and respectful workplace culture and providing equal pay and opportunities for advancement. Additionally, companies can provide training for managers and employees on unconscious bias and how to promote diversity and inclusion.

The lack of representation of women in STEM is not just a problem in terms of gender equality but also has significant implications for innovation and progress. The underrepresentation of women in STEM fields



means that important perspectives and insights are being missed, potentially leading to solutions and advancements that are not as effective or impactful as they could be. The need for diversity and inclusion in STEM is particularly critical in emerging fields such as biotechnology and artificial intelligence, where the societal and ethical implications of research and development are especially important to consider.

Ultimately, the role of women in STEM is critical to the future of innovation and progress. Women bring unique perspectives and insights to their work, which can lead to better outcomes and solutions. By promoting diversity and inclusion in STEM, we can unlock the full potential of these fields and ensure that everyone has the opportunity to contribute to the advancement of science and technology.

support, address gender bias and discrimination in STEM workplaces, and promote diversity and inclusion. By doing so, we can unlock the full potential of these fields and ensure that everyone has the opportunity to contribute to the advancement of science and technology.

In conclusion, the role of women in STEM is essential for innovation, progress, and success. Women bring unique perspectives and insights to their work, which can lead to better outcomes and solutions. To increase the representation of women in STEM, it is important to promote STEM education for girls and women, provide mentorship and

PEROVSKITE SOLAR CELL

Magine printing solar cells into flexible sheets, fascinating right? Yes, it's possible and that's where perovskite comes into play. Perovskite solar cells are made by coating or printing liquid inks or by vacuum deposition.

PEROVSKITES:

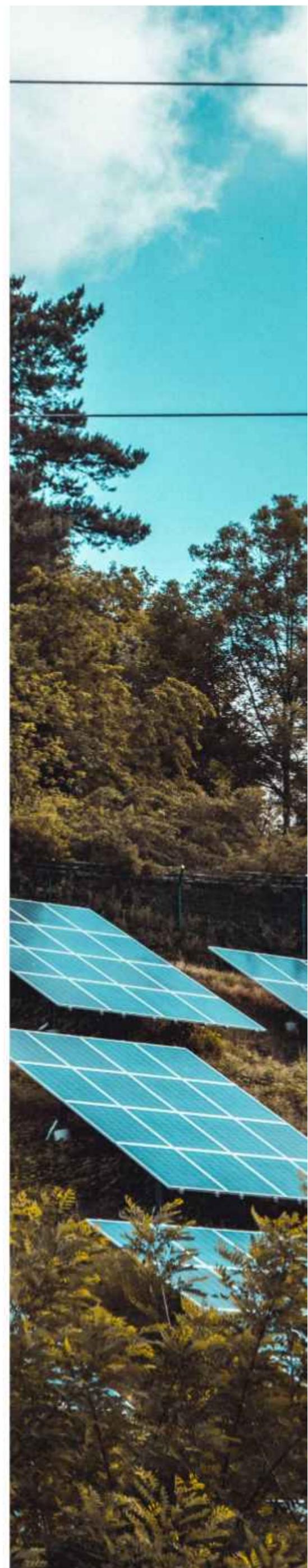
A perovskite is any material with a crystal structure following the formula ABX_3 , which was first discovered as the mineral called perovskite, which consists of calcium titanium oxide ($CaTiO_3$). The mineral was first discovered in the Ural mountains of Russia by Gustav Rose in 1839 and named after Russian mineralogist L. A. Perovski (1792–1856). 'A' and 'B' are two positively charged ions (i.e., cations), often of very different sizes, and X is a negatively charged ion (an anion, frequently oxide) that bonds to both cations. The 'A' atoms are generally larger than the 'B' atoms. As one of the most abundant structural families, perovskites are found in an enormous number of compounds which have wide-ranging properties, applications and importance.[4] Natural compounds with this structure are perovskite, loparite, and the silicate perovskite bridgmanite. Since the 2009 discovery of perovskite solar cells, which contain methylammonium lead halide perovskites, there has been considerable research interest into perovskite materials.

What Makes Perovskite Solar Cells Special?

Perovskite solar cells have demonstrated competitive power conversion efficiencies (PCE) with potential for higher performance. Perovskites can be tuned to respond to different colours in the solar spectrum by changing the material composition, and a variety of formulations have demonstrated high performance. This flexibility allows perovskites to be combined with another, differently tuned absorber material to deliver more power from the same device. This is known as a tandem device architecture. Using multiple PV materials enables tandem devices to have potential power conversion efficiencies over 33%, the theoretical limit of a single junction PV cell. Perovskite materials can be tuned to take advantage of the parts of the solar spectrum that silicon PV materials can't use very efficiently, meaning they make excellent hybrid-tandem partners. It is also possible to combine two perovskite solar cells of different composition to produce a perovskite-perovskite tandem. Perovskite-perovskite tandems could be particularly competitive in the



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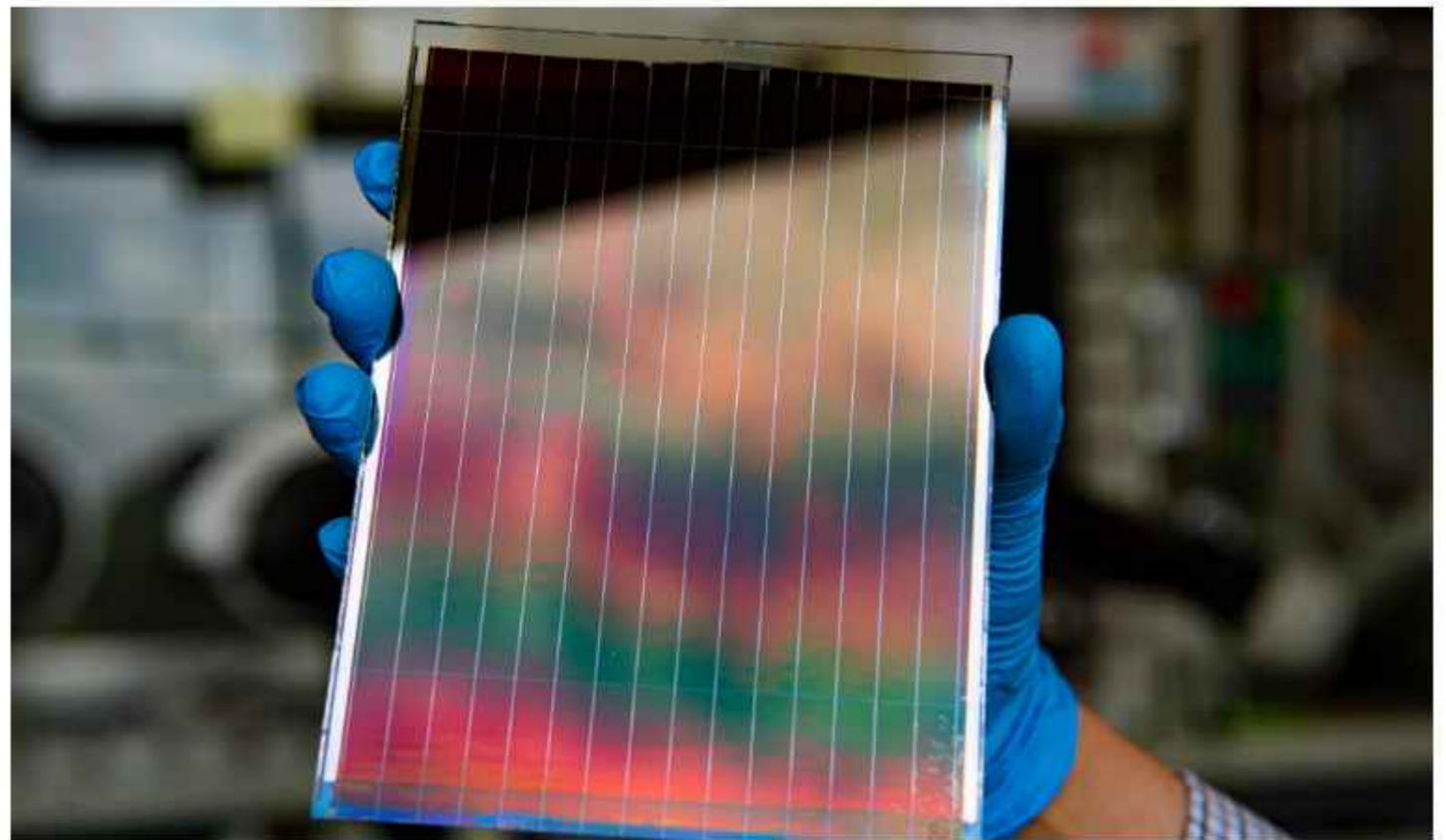


mobile, disaster response, and defence operations sectors, as they can be made into flexible, lightweight devices with high power-to-weight ratios.

Why Are Perovskite Cells Not Available For Commercial Use Yet?

Their stability is limited compared to leading photovoltaic (PV) technologies. Perovskites can decompose when they react with moisture and oxygen or when they spend extended time exposed to light, heat, or applied voltage. To increase stability, researchers are studying degradation in both the perovskite material itself and the surrounding device layers. Improved cell durability is critical for

the development of commercial perovskite solar products. Despite significant progress in understanding the stability and degradation of perovskite solar cells, they are not currently commercially viable because of their limited operational lifetimes. Commercial applications outside the power sector may tolerate a shorter operational life, but even these would require improvements in factors such as device stability during storage. For mainstream solar power generation, technologies that cannot operate for more than two decades are unlikely to succeed, regardless of other benefits. Early perovskite devices degraded rapidly, becoming non-functional within minutes or hours. Now, multiple research groups have



demonstrated lifetimes of several months of operation. For commercial, grid-level electricity production, SETO is targeting an operational lifetime of at least 20 years, and preferably more than 30 years.

What Are Some Current Research Objectives?

Some perovskite researchers continue to push conversion efficiencies by characterizing defects in the perovskite. While perovskite semiconductors are remarkably defect-tolerant, defects still –negatively affect performance – especially those occurring at the surface of the active layer. Other researchers are exploring new perovskite chemical formulations, both to tune their electronic properties for specific applications (like tandem cell stacks), or further improve their stability and lifetime. Researchers are also working on new cell designs, new encapsulation strategies to protect perovskites from the environment, and to understand basic degradation pathways so they can use accelerated aging studies to predict how perovskite solar cells will last on rooftops. Others are rapidly exploring a variety of manufacturing processes, including how to adapt perovskite “inks” to established large-scale solution printing methods. Finally, while

the best-performing perovskites are today made with a small amount of lead,



researchers are also exploring alternative compositions and new encapsulation strategies, in order to mitigate concerns associated with lead toxicity.

FEAR OF FUTURE

The fear of the future is a common experience that many people go through. It can be caused by a variety of factors, such as major life changes, uncertainty about the future, or past traumas. This fear can be paralyzing, leading to anxiety, depression, and even physical symptoms such as panic attacks. In this article, we will explore the causes of the fear of the future, its effects, and ways to manage it.

Causes of Fear of the Future

One of the main causes of fear of the future is uncertainty. When we don't know what the future holds, it can be difficult to plan or prepare for it. This can lead to feelings of anxiety and stress. Uncertainty can come from many sources, such as changes in the economy, political instability, or personal changes in our lives, such as moving to a new city, changing jobs, or ending a relationship. Another cause of fear of the future is past traumas. Trauma can create a sense of fear and uncertainty about the future, making it difficult to trust ourselves or others. Trauma can also lead to feelings of helplessness and a lack of control, which can make it challenging to move forward.

Effects of Fear of the Future

The fear of the future can have a range of effects on our lives. It can lead to anxiety, depression, and other mental health issues. It can also impact our physical health, leading to sleep disturbances, headaches, and digestive problems. Additionally, it can affect our relationships, making it difficult to form new connections or maintain existing ones.

Managing Fear of the Future

There are several ways to manage fear of the future: Identify your fears: Start by writing down what you're afraid of. This can help you identify specific areas that you need to work on. Practice mindfulness: Mindfulness is the practice of being present in the moment and focusing on your thoughts and feelings without judgment. It can help you stay grounded and reduce your anxiety about the future. Create a plan: If you're worried about a specific event or situation, create a plan to deal with it. This can help you feel more in control and prepared. Seek support: Talk to a trusted friend or family member about your fears. You may also want to consider speaking with a therapist or counselor who can help you work through your anxiety. Take action: Sometimes, the best



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way to overcome your fear of the future is to take action. Set goals, make plans, and take steps to move forward in your life. Remember, it's okay to take small steps and make progress at your own pace. In students, it can manifest in many different forms, such as fear of failure, fear of disappointing others, fear of public speaking, fear of being judged. Here are some additional details about fear in students: Academic fears: Many students experience fear related to their academic performance. This can include fear of failing a test or exam, fear of not meeting expectations. Social fears: Students may also experience fear in social situations, such as making new friends, speaking up in class, or giving a presentation in front of others. Per-

fectionism: Students who struggle with perfectionism may experience fear related to making mistakes or not meeting their own high standards. Impact on mental health: Fear can have a significant impact on a student's mental health. It can lead to anxiety, depression, low self-esteem, and a lack of motivation. It can also impact their ability to concentrate and learn. Here are some steps that can help students overcome their fears: Recognize the fear: The first step in overcoming fear is to recognize it. Students should be encouraged to identify and acknowledge their fears. Understand the fear: Once a fear has been identified, it's important to understand it. Students should be encouraged to explore why they



are afraid and what triggers their fear. Develop a plan: Students should develop a plan to address their fear. This may involve setting small, achievable goals, or seeking support from a counselor or therapist. Build self-confidence: Building self-confidence is an important step in overcoming fear. Students should be encouraged to focus on their strengths and accomplishments, and to practice positive self-talk. Practice exposure therapy: Exposure therapy involves gradually exposing oneself to the feared situation or object in a controlled environment. This can help students become more comfortable and less fearful over time. Seek support: Students should be encouraged to seek support from family, friends, and professionals. This may include talking to a school counselor, therapist, or seeking help from support groups. Celebrate progress: It's important to celebrate progress and small victories along the way. This can help students stay motivated and build confidence.

We can conclude that overcoming fear in students is a process that requires patience, support, and perseverance. It is seen more often than not in students; it is seen in all students irrespective of their academic stature. No coping strategies can compare to chilling all by yourself, maybe listening to

songs or watching movies. By taking these steps, students can learn to manage their



fears and achieve their goals. Remember, it's okay to seek help if you need it. With the right tools and support, you can overcome your fear of the future and create a brighter tomorrow.

ARTIFICIAL INTELLIGENCE

Artificial intelligence is about making computers act more like humans.

Artificial Intelligence refers to the intelligence of machines. This is in contrast to the natural intelligence of humans and animals. With Artificial Intelligence, machines perform functions such as learning, planning, reasoning and problem-solving. Most noteworthy, Artificial Intelligence is the simulation of human intelligence by machines. It is probably the fastest-growing development in the World of technology and innovation. Furthermore, many experts believe AI could solve major challenges and crisis situations.

Types of Artificial Intelligence First of all, the categorization of Artificial Intelligence is into four types. Arend Hintze came up with this categorization. The categories are as follows:

Type 1: Reactive machines– These machines can react to situations. A famous example can be Deep Blue, the IBM chess program. Most noteworthy, the chess program won against Garry Kasparov, the popular chess legend. Furthermore, such machines lack memory. These machines certainly cannot use past experiences to inform future ones. It analyses all possible alternatives and chooses the best one.

Type 2: Limited memory These AI systems are capable of using past experiences to inform future ones. A good example can be self-driving cars. Such cars have decision making systems. The car makes actions like changing lanes. Most noteworthy, these actions come from observations. There is no permanent storage of these observations. **The Ethical Implications of Technology:**

Type 3: Theory of mind– This refers to understand others. Above all, this means to understand that others have their beliefs, intentions, desires, and opinions. However, this type of AI does not exist yet.

Type 4: Self-awareness– This is the highest and most sophisticated level of Artificial Intelligence. Such systems have a sense of self. Furthermore, they have awareness, consciousness, and emotions. Obviously, such type of technology does not yet exist. This technology would certainly be a revolution.

AI is a rapidly evolving field that involves the development of computer systems that can perform tasks that typically require human intelligence, such as visual perception, speech recognition, decision-making, and natural language processing. AI has made significant strides in recent years, thanks to advancements in machine learning, deep



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S4 AI

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learning, and neural networks, among other technologies.

One of the primary drivers of AI is data. The more data that is available to train an AI system, the better it becomes at its designated task. With the proliferation of digital devices and the internet, the amount of data generated every day is growing exponentially. Companies are using this data to train AI systems to recognize patterns and make predictions, which can help them make better business decisions, improve customer experiences, and enhance the efficiency of their operations.

AI has already made significant inroads in several industries, such as healthcare, finance, and transportation. For example, AI-powered medical imaging systems can help doctors detect diseases at an early

decisions that affect human lives, such as healthcare, criminal justice, and military operations. There are concerns about biases in AI algorithms and the potential for AI systems to be used for malicious purposes.

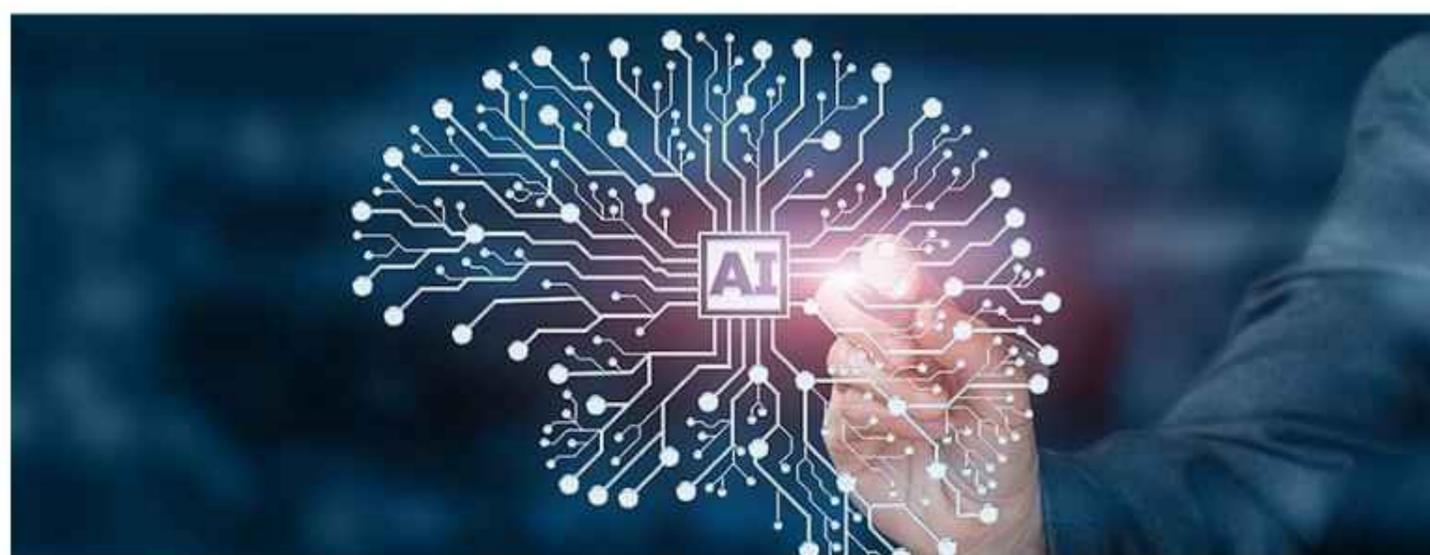
To address these challenges, it is crucial to develop ethical guidelines for AI development and deployment. These guidelines should be based on principles such as transparency, accountability, fairness, and privacy. It is also essential to involve a diverse range of stakeholders in the development and deployment of AI systems, including experts from different fields, policymakers, and members of the public.

In conclusion, artificial intelligence is a rapidly evolving field that has the potential to transform the way we live and work. AI has already made significant inroads in several industries and is expected to become even more prevalent in the coming years. However, AI also poses significant challenges, such as the impact on jobs, ethical implications, and concerns about the future of humanity. It is crucial to develop ethical guidelines for AI development and deployment and involve a diverse range of stakeholders in the process. Ultimately, the goal should be to use AI to augment human abilities and create new opportunities, rather than replacing them altogether.

stage, while AI-driven chatbots can assist customers in resolving their queries in real-time. Self-driving cars, which rely heavily on AI, have the potential to revolutionize transportation and reduce traffic accidents.

Despite these advances, AI is not without its challenges. One of the most significant concerns is the potential impact on jobs. As AI becomes more prevalent, some jobs may become obsolete, while new jobs that require specialized skills may emerge. It is essential to consider how AI can be used to augment human abilities and create new opportunities, rather than replacing them altogether.

Another challenge is the ethical implications of AI. As AI systems become more sophisticated, they may be able to make



Applications of Artificial Intelligence

First of all, AI has significant use in healthcare. Companies are trying to develop technologies for quick diagnosis. Artificial Intelligence would efficiently operate on patients without human supervision. Such technological surgeries are already taking place. Another excellent healthcare technology is IBM Watson.

Artificial Intelligence in business would significantly save time and effort. There is an application of robotic automation to human business tasks. Furthermore, Machine learning algorithms help in better serving customers. Chatbots provide immediate response and service to customers.

Applications of Google Glass Review

Google Glass (styled "GLASS") is a wearable computer with an optical head-mounted display (OHMD) that is being developed by Google in the Project Glass research and development project, with the mission of producing a mass-market ubiquitous computer. It displays information in a smart phone-like hands-free format, which can interact with the Internet via natural language voice commands. Glass is being developed by Google X, which has worked on other futuristic technologies such as driverless cars. The project was announced on Google+ by Project Glass lead Babak Parviz, an electrical engineer who has also worked on putting displays into contact lenses; Steve Lee, a product manager and "geolocation specialist"; and Sebastian Thrun, who developed Udacity as well as worked on the project. Google has patented the design of Project Glass.



USING GOOGLE GLASS

Google Glass introduces an entirely new way of computing, with a simple, voice-driven user interface that strips away complexity and makes a number of tasks much more intuitive. Below are some examples of these.

Start Tap

To start using Google Glass, you tap the frame of the glasses and you're taken to the home screen. You don't see a bunch of icons like on a smart phone home screen, just a simple overlay box that carries any information and the 'wallpaper' is actually the real-life scene you're looking at. To issue a command, you tap the frame again and say "OK Glass".



Take a Picture

After you issue the order "OK Glass", you can instruct the glasses to do something specific by saying something like "take a picture". That's it. There's no fumbling around looking for the camera icon. We're not sure at this point whether anything on the glasses

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Lakshmipriya K J
Asst.prof
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frame lets the subject know they're being photographed. Just be aware that if you're chatting to someone wearing Google Glass, you're right in their viewfinder. Same goes with video. With Google Glass, you

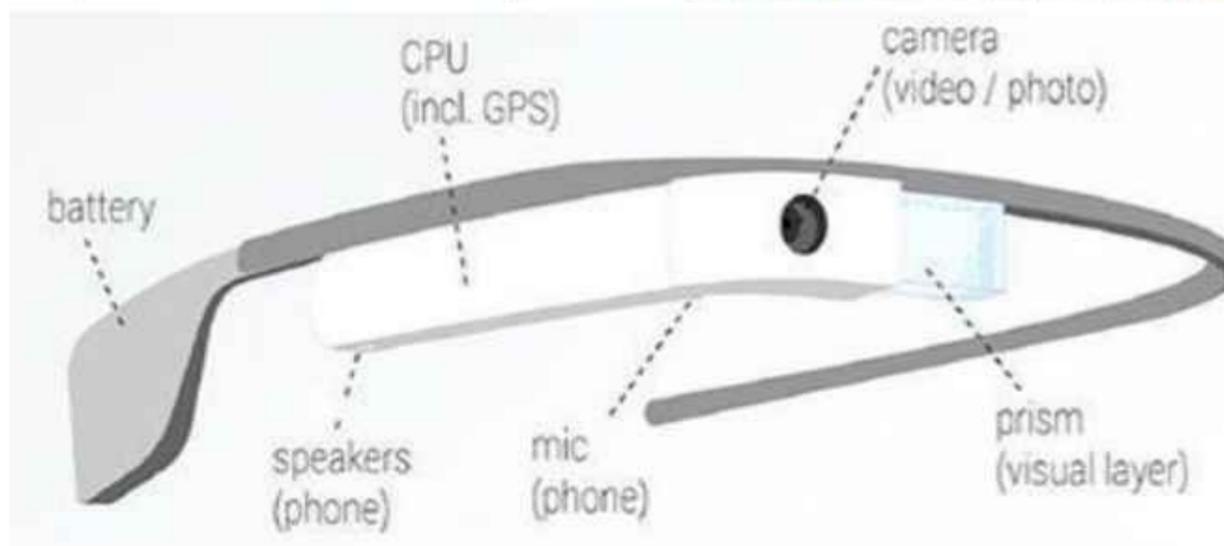


can record what you see without moving a finger. Already, several businesses in the US, ranging from strip clubs to casinos and even movie theaters, have announced that Google Glass

will be banned from their premises. The porn industry is in lather over the introduction of Google Glass, with many pornographers pointing to an inevitable increase in the popularity of POV (point of view) porn clips.

Share What You See

"Now this is what we call serious sharing"—actually sharing what you see with your friends (it's not clear at this early stage whether Google Glass will be able to feed them a live video stream, but this is inevitable).



Google Glass contains the fundamental bits of any computer, including a CPU, sensors such as GPS, speakers, microphone and battery, to which are added a tiny projector and a prism that redirects the light onto your retina. Each component is neatly embedded in the frame. To keep the device as light as possible, most of the processing will actually take place in the cloud (like it does with Apple's Siri), so a good mobile broadband signal is essential.

WHAT'S IN IT FOR GOOGLE?

Google Glasses are likely to be a revolution for consumers, but what does Google get out of them? The answer is it probably gets far more benefit from Google Glass than you do. Like Facebook, Google is fundamentally an advertising business that helps advertisers better target the customers they want to reach. The reason that Google and Facebook are valued in the billions of dollars is that through their existing products, from search engines and mobile OSes to social networks, they already know a lot about us (our likes and dislikes, friends and spending habits). They know more than any governmental spy agency, let alone traditional competitors such as newspapers and television.

But Google Glasses take the accuracy of this targeting to an entirely new level. When you use Google Glass, you make it possible for Google to build an infinitely more detailed profile of you. The search engine giant will not only know what you've been searching for, but where you've been and even what you've been looking at,

and lots, lots more. It will be able to provide this to advertisers, regardless of whether you're an unnamed user in the data. With Google Glass, the era of privacy is not only at an end, it's about to be nuked. And it's not just Google going this way. Facebook's new Home application, which takes over your Android phone, aims to do exactly the same thing: give Facebook advertisers much better targeted customers. Infographic breaks down how Google Glass works.

The Future of Hybrid Vehicle Technology

** Hybrid vehicle technology has been rapidly evolving to reduce greenhouse gas emissions, improve fuel efficiency, and provide a cleaner and more sustainable form of transportation.**

Hybrid vehicle technology has been around for several decades, but it has recently gained momentum as a response to the growing concerns about the environmental impacts of transportation. With the rise of electric vehicles (EVs) and the increasing demand for sustainable transportation, the future of hybrid vehicle technology is rapidly evolving. In this article, we will explore the latest developments in hybrid vehicle technology, including advancements in battery technology, fuel efficiency, and sustainability.

Advancements in Battery Technology

The battery is one of the most critical components of a hybrid vehicle, as it stores the energy needed to power the electric motor. Advances in battery technology are critical to the future of hybrid vehicle technology because they directly impact the vehicle's performance and range.

One of the most significant developments in battery technology is the use of lithium-ion batteries. Lithium-ion batteries offer several advantages over traditional nickel-metal hydride batteries, including higher energy density, longer lifespan, and faster charging times. As a result, they have become the preferred battery technology for hybrid vehicles.

Another area of development is the use of solid-state batteries. Solid-state batteries offer several advantages over traditional lithium-ion batteries, including higher energy density, faster charging times, and improved safety. Solid-state batteries use a solid electrolyte instead of a liquid electrolyte, which reduces the risk of fire or explosion. Several automakers, including Toyota and BMW, have announced plans to commercialize solid-state batteries in the coming years.

Fuel Efficiency

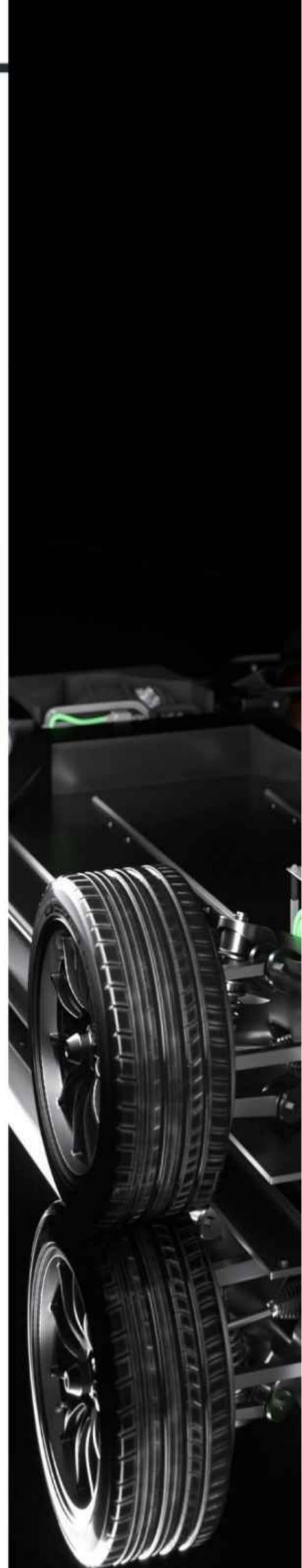
Fuel efficiency is a critical factor in the success of hybrid vehicles. Improvements in fuel efficiency not only reduce greenhouse gas emissions but also save drivers money at the gas pump. Automakers are continually working to improve the fuel efficiency of their hybrid vehicles by using advanced technologies and materials.

One example is the use of lightweight materials. Hybrid vehicles use both an internal combustion engine and an electric motor, which makes them heavier than traditional gas-



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oline-powered vehicles. By using lightweight materials, such as aluminum or carbon fiber, automakers can reduce the vehicle's weight and improve fuel efficiency.

Another area of development is the use of advanced aerodynamics. The shape and design of a vehicle can significantly impact its fuel efficiency. Automakers are using advanced computer modeling and wind tunnel testing to design vehicles that are more aerodynamic, which reduces drag and improves fuel efficiency.

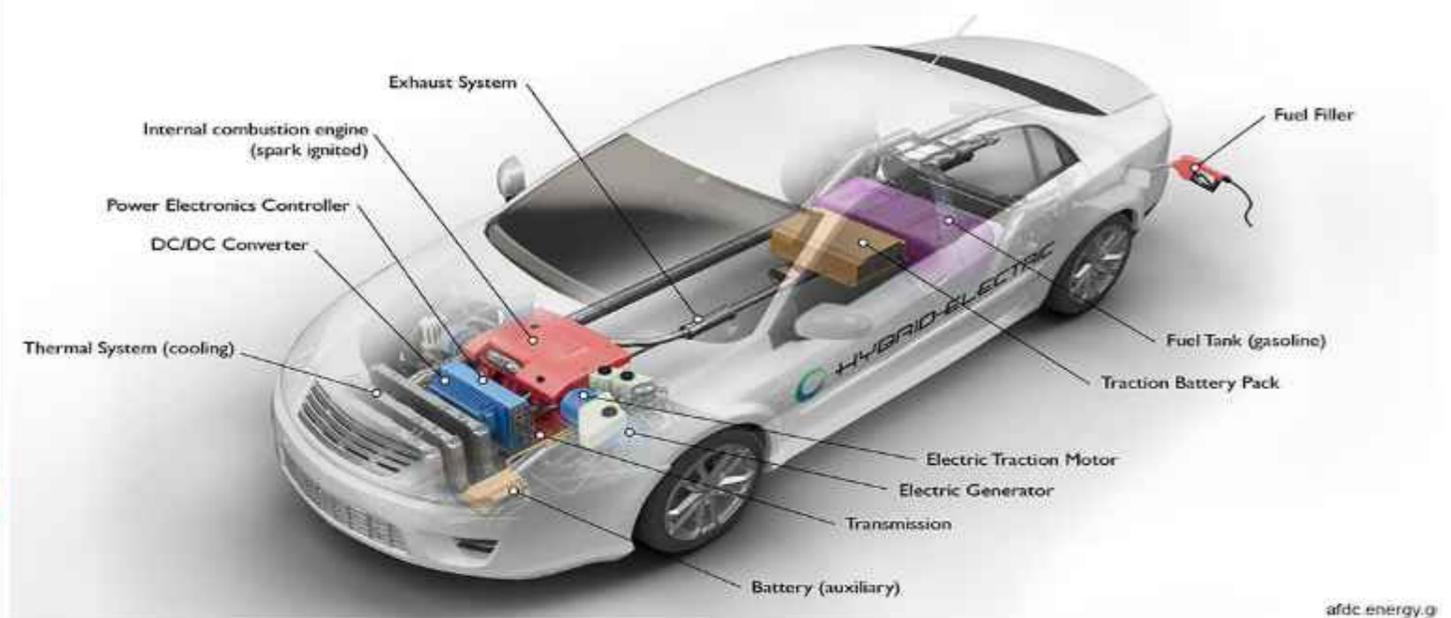
Sustainability is becoming an increasingly important factor in the development of

hybrid vehicles. Consumers are looking for vehicles that not only offer improved fuel efficiency but also have a minimal impact on the environment.

One area of development is the use of sustainable materials. Automakers are using materials that are recycled or produced using renewable energy sources to reduce the environmental impact of their vehicles. For example, Ford has developed a new type of seat foam made from soybeans, which reduces the amount of petroleum-based materials used in their vehicles.

Another area of development is the use of renewable energy sources to power hy-

Hybrid Electric Vehicle



afdc.energy.gov

brid vehicles. Plug-in hybrid electric vehicles (PHEVs) can be charged using electricity from renewable energy sources, such as wind or solar power, which reduces greenhouse gas emissions even further. In addition, some automakers are experimenting with using renewable hydrogen as a fuel source for hybrid vehicles.

The Future of Hybrid Vehicle Technology

Hybrid vehicle technology is rapidly evolving, with new developments and innovations being introduced every year. Some of the most significant advancements on the horizon include:

Increased Electric Range: Automakers are working to increase the electric range of hybrid vehicles, which will allow drivers to travel longer distances in electric mode. This will reduce emissions and improve fuel efficiency.

Vehicle-to-Grid (V2G) Technology: V2G technology allows hybrid vehicles to be used as a source of backup power for homes or businesses. This technology could revolutionize the way we think about energy storage and distribution.

Conclusion

Hybrid vehicle technology has become an increasingly popular option for drivers who want to reduce their environmental impact and improve fuel efficiency. There are several types of hybrid vehicles available, each with its own advantages and disadvantages. While hybrid vehicles may have some disadvantages, they offer a more sustainable and fuel-efficient form of transportation that will continue to evolve and improve in the coming years.

HOW DO VIDEO GAMES PROVIDES EFFECTIVE LEARNING

** the benefits of videogames include improved powers of concentration, creativity, memory, languages and teamwork**

There are five broadly defined prerequisites for effective learning: meaningful context, authenticity, motivation, freedom to make mistakes, and learner autonomy. Cambridge English teaching and learning materials harness the power of meaningful context and authenticity by presenting new language in a way that creates a genuine need to interact and communicate. And, as all teachers would attest, learners are most successful when they are motivated, free to learn from their mistakes, and take ownership of their own learning process.

So what do video games have to do with this? Well, in addition to the known benefits of games, video games support each of the building blocks of effective learning by providing:

- A strong and engaging narrative (context)
- Purposeful interactions (authenticity)
- Emotional engagement (motivation)
- Freedom to fail (mistakes)
- Opportunities for independent decision making (learner autonomy).

Context – A strong narrative Context is the glue that helps us connect new information to what we already know about the world. This is why when we learn a language, we cover a series of topics like family, hobbies or holidays, instead of learning all of the words in the order that they appear in a dictionary starting with A and ending with Z. Without appropriate context, new information has nothing to attach itself to in our brain and becomes almost impossible to remember.

sVideo games set excellent context by providing a strong and engaging narrative, a story. Humans are wired to connect with stories. A strong narrative is compelling because it triggers an emotional response, which in turn makes it memorable. That's why Video games in general, and Adith
Authenticity – Purposeful interactions We all know that being



able to use the second language (L2) is more important than knowing facts about it. How often would you have to explain to a waiter in a foreign country which part of speech you are about to use when ordering a cup of coffee? Never – what matters is communication and meaning! 'I'd like a cup of coffee, please,' when sitting down at a table in a café Cambridge in particular, proved to celebrate NWD on the last day. You wouldn't expect the waiter to then reply, 'Well done, that was the correct use of "would"! This is because in real life, we speak or write or read or listen when we have a need or a reason to do so – we call this 'intrinsic motivation'.

Video games provide similar intrinsic motivation to communicate in a meaningful context. In our language-learning experience in Adventures in English with Cambridge, for example, the player will interact with Lilac, a fairy librarian in a giant library. 'I'm thirsty! Can you bring me a hot drink?' Lilac asks. To fulfil her request, the player will not need to complete a classroom-like vocabulary task. Instead, by exploring the beautiful library, the player will find a fully functional vending machine. Just like in real life, 'milkshake', 'juice' and 'lemonade' will be available for purchase, but the player will only hear the librarian say, 'Ah, finally! It was delicious, thank you!' when they bring her back a cup of coffee, rewarding the player with some more authentic language used in context.



Motivation – Emotional engagement

There's a direct link between learner motivation and learning outcomes in and outside the classroom. Engaged learners are focused and curious, and generally do better than those who are disinterested or distracted. Video games are very good at leveraging the story, the challenges and the rewards within the game to trigger emotional response which is directly linked to motivation.

Inside our game in Minecraft, learners are motivated to solve the language puzzles because it ensures their progress within the game. They're encouraged to persevere in their learning, both by the environment and the characters they meet. Players can choose which parts to pay most attention to, but they can't avoid it.

The language is built into the interactions within the game. To progress, players have no choice but to communicate in English!

Autonomy – Independent decision making

Finally, in all kinds of teaching contexts, learner autonomy is another pillar of success. The more engaged the learner is in their own learning process, the more fruitful the results. In language-learning classrooms, learners are encouraged to develop study skills alongside listening, writing, speaking and reading – keeping consistent vocabulary notes, drawing mind maps, developing strategies for exam taking, listening and expeditious reading, to name just a few.

In video games, the process of becoming an independent decision maker is naturally fostered through the nature of the task in hand: the player has to discover ways out of tricky situations, frequently coming back to the starting point and starting all over again in order to progress within the game. In doing so, the players not only develop their sense of curiosity, but also perseverance, problem-solving skills and confidence, the usefulness of which stretches back to the classroom and beyond.

Multiplayer video games can promote collaboration and teamwork, allowing learners to work together to achieve a common goal. This can help develop communication and problem-solving skills while also promoting social interaction. Video games can also provide realistic simulations of complex systems or situations, allowing learners to practice decision-making and problem-solving in a safe and controlled environment.

Overall, video games can provide an engaging and effective learning experience that can be tailored to the individual learner's needs and preferences. As technology continues to evolve, video games are likely to become an increasingly important tool for learning in a wide range of fields and disciplines.

adopted worldwide across the mainstream. The IWD website also serves as a significant vehicle for charities, fundraising hefty six figure sums with 100% of donations going direct to charity. The IWD website's Charities of Choice are the World Association of Girl Guides and Girl Scouts (WAGGGS) since 2007, and Catalyst Inc, the global working women's organization, since 2017. Today, an IWD Charity Alliance is open to female-focused registered charities from around the world.

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ROLE OF YOUTH IN THE DEVELOPMENT OF OUR NATION

"Show me the heroes that the youth of your country look up to, and I will tell you the future of your country."

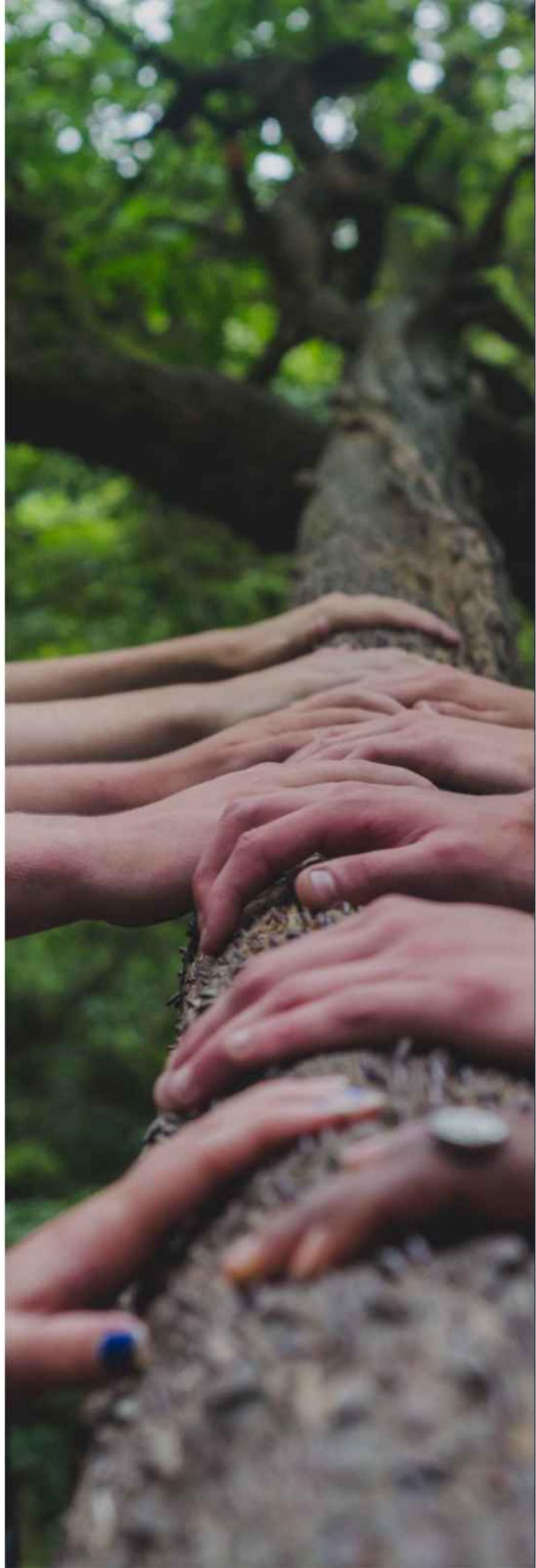
Youth forms the backbone of any nation. Today's youth is tomorrow's nation. Actually for the development of our country, youth is an essential component like salt in curry. It is the parents who provide a better youth to the country. Every child is born with some inherited characteristics, into a specific, socio-economic and emotional environment, and trained in certain ways by figures of authority. So it's the duty of parents to train their children in a better way.

In every field we can now see the presence of youth-politics, sports, arts, literature etc. There are many examples like Rahul Gandhi who can be said as the "Youth Icon" of the year contributed his life for the development of who wish that students should be associated with social service more than others, Gandhiji called the youth to do social service during freedom struggle to go to villages for social service. But we have to give education and strength to this youth without any exception of gender.

The girls should also be given proper education, and health facilities because in every field now we have women who stand shoulder to shoulder with men. The first thing we have to understand is that youth is the golden period of human life in which we have spirit, competitive nature and they'll be more enthusiastic. Shakespeare described about this young stage in his famous poem 'Seven Age' as follows,

"Then a soldier full of strange oaths
And bearded like the pard
Jealous in honor sudden and
Quick in quarrel
Seeking bubble reputation
Even in the canon's mouths"

It is the time when we will even devote our life. We can see many young bloods donating their life for saving our country in our borders. The elders who believe that they are all in all have to leave their positions and the country must invest mainly for the education health and programs must be intro-



duced for saving the poor youth. The government must take initiative for this. Nowadays the young generation does not even have any knowledge about reasons and what they should do for the development of our country. So they should be made aware. The first and foremost thing we have to keep in our mind is,

"They are the buds
Which will boom the
Next day and spread
The fragrance of
Love, faith and hope"

Education is the foundation of development, and the youth of the nation must be educated to ensure progress. Education provides the knowledge and skills necessary to succeed in life and contributes significantly to the growth of the nation. It is essential to provide quality education to the youth to ensure that they have the knowledge and skills necessary to take the nation forward. The government must invest in education to ensure that every youth has access to quality education. The youth of the nation must also be encouraged to participate in the development process actively. They must be made aware of the issues facing the nation and must be given the opportunity to contribute towards finding solutions. The youth can bring fresh perspectives and ideas that can help in solving problems that the nation is facing. The government must provide platforms for the youth to participate in the development process actively.

The youth of the nation must be motivated to pursue entrepreneurship as a career option. Entrepreneurship can create employment opportunities and contribute



significantly to the growth of the nation. The government must provide the necessary support to encourage entrepreneurship among the youth. This can be in the form of financial assistance, mentoring, and training programs. The youth of the nation must also be encouraged to participate in sports and other physical activities. Sports help in the overall development of an individual and contribute towards the development of the nation. The government must provide the necessary infrastructure and support for sports to flourish in the nation.

The youth of the nation must be made aware of their

responsibilities towards the nation. They must understand that they have a crucial role to play in the development of the nation and must take their responsibilities seriously. The youth must be taught the values of patriotism, unity, and social responsibility. The youth of the nation must also be given the necessary support to pursue their interests and passions. They must be provided with opportunities to develop their skills and talents. The government must provide the necessary infrastructure and support to help the youth achieve their goals.

The youth of the nation must be taught the importance of preserving the environment. They must be made aware of the impact of their actions on the environment and must take steps to protect it. The government must provide the necessary support and infrastructure to promote environmental sustainability. The youth of the nation must also be taught the values of inclusiveness and diversity. They must understand the importance of respecting differences and must work towards creating a society that is inclusive and accepting of all. The government must provide the necessary support to promote inclusiveness and diversity.

In conclusion, the role of youth in the development of our nation is crucial. The youth must be educated, motivated, and provided with the necessary support to contribute towards the growth of the nation. The government must invest in education, entrepreneurship, sports, and other activities that can help in the overall development of the youth. The youth must be made aware of their responsibilities towards the nation and must be taught the values of patriotism, unity, social responsibility, environmental sustainability, inclusiveness, and diversity. Only then can the youth of the nation take the nation forward and contribute towards its development.

adopted worldwide across the mainstream. The IWD website also serves as a significant vehicle for charities, fundraising hefty six figure sums with 100% of donations going direct to charity. The IWD website's Charities of Choice are the World Association of Girl Guides and Girl Scouts (WAGGGS) since 2007, and Catalyst Inc, the global working women's organization, since 2017. Today, an IWD Charity Alliance is open to female-focused registered charities from around the world.

Adithya G
S4 AI



Exploring the Rich Culture of Kerala An Overview of Its History, Traditions, and Customs

"The culture of Kerala can be traced back to as long as 5000 years. The main language spoken here is Malayalam and the people here are called Malayalees."

Kerala is a state located in the southwestern region of India, known for its rich and diverse culture that dates back centuries. Kerala is often referred to as the "God's Own Country" and has earned this nickname due to its natural beauty, pristine beaches, serene backwaters, and lush green forests. However, Kerala's true beauty lies in its cultural heritage, which is a vibrant and unique blend of various religious and social customs.

Kerala has a rich history that dates back to ancient times. It was a hub of international trade, and its strategic location along the Arabian Sea attracted traders from various parts of the world. The Phoenicians, Greeks, Romans, Arabs, and Chinese were among the early visitors to Kerala. In the early centuries AD, the region was ruled by the Cheras, one of the earliest known dynasties in South India. Later, Kerala was ruled by various other dynasties, including the Cholas, the Pandyas, and the Vijayanagara Empire.

The arrival of the Portuguese in the 15th century marked the beginning of colonial rule in Kerala. The Dutch, the British, and the French also established their presence in the region, and their influence can still be seen in the architecture, cuisine, and traditions of Kerala. Kerala became a part of independent India in 1947, and since then, it has emerged as one of the most prosperous states in the country.

The culture of Kerala is a fascinating blend of various religious and social customs. Hinduism, Islam, and Christianity are the major religions followed in the state, and each has its unique traditions and customs. The state is also known for its highly educated and progressive society, with a high literacy rate and a strong emphasis on gender equality.

One of the most iconic symbols of Kerala's culture is its art and dance forms. Kathakali is a highly stylized dance form that originated in Kerala and is recognized as one of the oldest dance forms in India. The elaborate makeup, costumes, and facial expressions used in Kathakali make it a truly mesmerizing performance. Mohiniyattam, another popular dance form in Kerala, is known for its graceful and fluid movements that are reminiscent of a swaying palm tree.

Kerala is also famous for its traditional music, which is often accompanied by percussion instruments like the Chenda, Mridangam, and Thavil. The state's classical music form, known as Carnatic music, is considered to be one of the



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Niril A
S8 CSE

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purest and most sophisticated forms of Indian classical music.

Apart from its art and dance forms, Kerala is also known for its unique cuisine. The state's cuisine is characterized by the use of coconut, rice, and spices like black pepper, cardamom, and cloves. The famous Kerala Sadya, a traditional feast served on banana leaves, is a must-try for anyone visiting the state. The meal usually consists of a variety of vegetarian dishes, including Sambar, Avial, and Thoran, served with rice and papadam.

Kerala's architecture is also a reflection of its rich cultural heritage. The state is home to several ancient temples, mosques, and

churches that showcase the architectural styles of various dynasties that ruled the region. The Sree Padmanabhaswamy Temple in Thiruvananthapuram is one of the most famous temples in Kerala and is known for its intricate carvings and sculptures.

The Bekal Fort, located in the northern part of the state, is a stunning example of the military architecture of the 17th century.

The state's natural beauty also plays a significant role in its cultural heritage. The backwaters of Kerala, a network of lagoons and lakes that run parallel to the Arabian Sea and is formed by the merging of several rivers that flow from the Western Ghats.



The backwaters are home to a unique ecosystem of flora and fauna, and they are also an important source of livelihood for the people of Kerala.

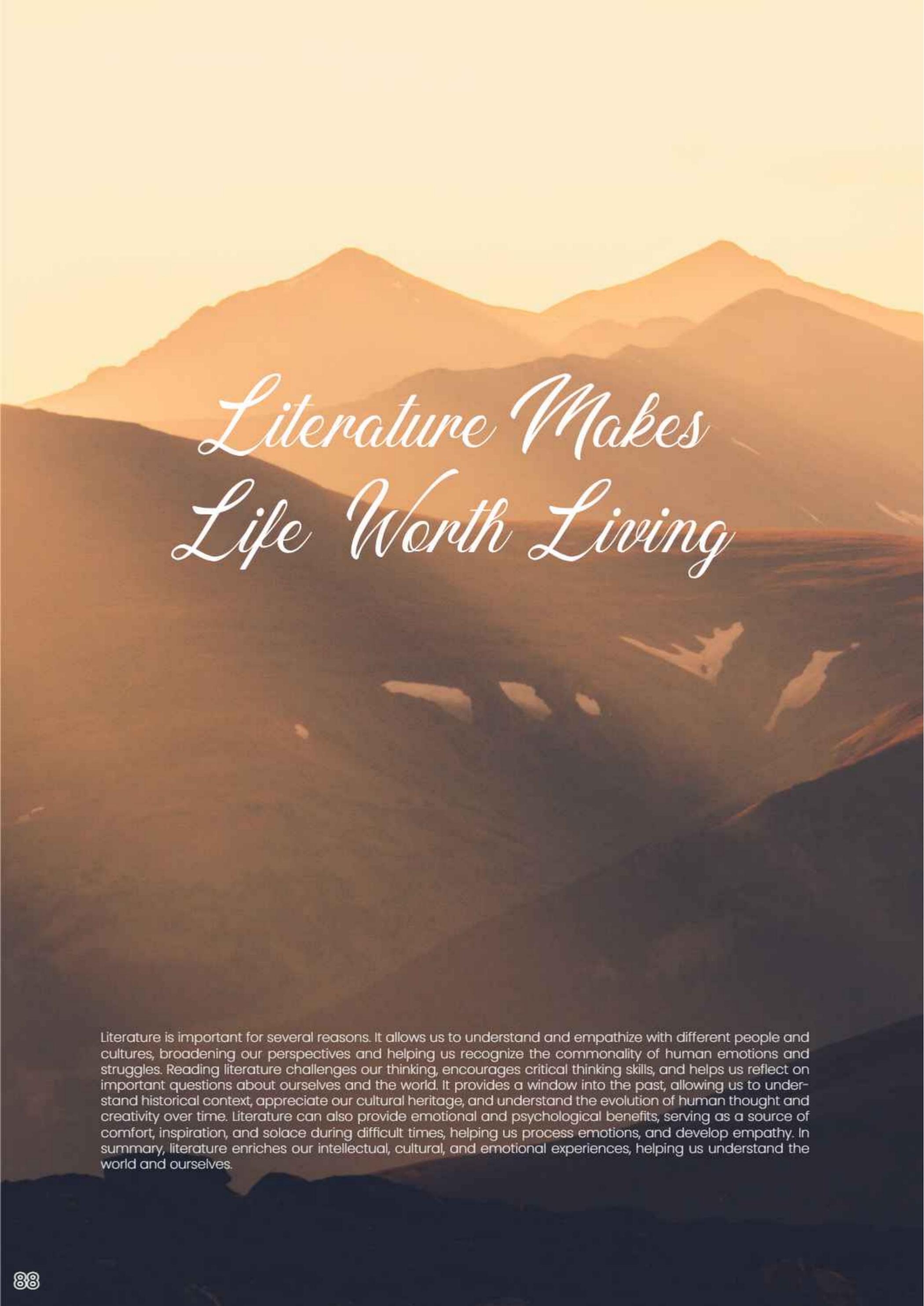
The backwaters are a popular tourist attraction, and several houseboats and boats are available for hire to explore the area. A leisurely boat ride along the backwaters is a must-do activity for anyone visiting Kerala. The serene surroundings and the picturesque scenery make it a perfect setting for relaxation and rejuvenation.

Another attraction of Kerala's backwaters is the traditional boat races that take place during the monsoon season. The Nehru Trophy Boat Race, held annually in the Punnamada Lake in Alappuzha, is one of the most famous boat races in Kerala. The race involves teams of rowers racing in long and narrow boats called 'chundan vallams.' The boats are decorated with colorful flags and are accompanied by traditional music, making it a truly unique and exciting experience.

Apart from the backwaters, Kerala is also home to several national parks and wildlife sanctuaries that showcase the state's rich biodiversity. The Periyar National Park, locat-

ed in the southern part of the state, is home to several endangered species like the lion-tailed macaque and the Nilgiri tahr. The Silent Valley National Park, located in the Nilgiri Hills, is a haven for birdwatchers and nature lovers.





Literature Makes Life Worth Living

Literature is important for several reasons. It allows us to understand and empathize with different people and cultures, broadening our perspectives and helping us recognize the commonality of human emotions and struggles. Reading literature challenges our thinking, encourages critical thinking skills, and helps us reflect on important questions about ourselves and the world. It provides a window into the past, allowing us to understand historical context, appreciate our cultural heritage, and understand the evolution of human thought and creativity over time. Literature can also provide emotional and psychological benefits, serving as a source of comfort, inspiration, and solace during difficult times, helping us process emotions, and develop empathy. In summary, literature enriches our intellectual, cultural, and emotional experiences, helping us understand the world and ourselves.

So Beautiful

*"You are so beautiful" Her grandma loved to tell her "So beautiful" She loved to say
Then pausing to take a closer look "and you get more beautiful every day"
"Grandma" she said to her one day while admittedly feeling a little blue "You keep
saying
that I'm so beautiful but I don't think that is true When I look into the mirror I try to
see
the beauty that you see but no matter how close or how hard I look all I see is me"
"That's because beauty is illusory" Her grandma said "and must be looked at differently
Your true beauty is not perceived with your eyes but in what other people see"
"If a person sees the good in others they are pleasantly surprised when people say about
them they have the most beautiful eyes"
"If a person listens with respect as others express their joys and hopes and fears they
are pleasantly surprised when people say about them they have the most beautiful
ears"
"If a person speaks kind words to others in all their relationships they are pleasantly
surprised when people say about them they have the most beautiful lips"
"If a person's touch is kind and gentle wherever it may land they are
pleasantly surprised when people say about them they have the most
beautiful hands"
"If a person's makes others happy even for a little while they are pleasantly surprised
when people say about them they have the most beautiful smile
These are but a few examples of the beauty I see in you and I have no doubt that one
day you will see your beauty too
These were the thoughts going through her mind at her grandma's funeral
as one person after another came up to her to say
"Your Grandma was so beautiful" Which
made her smile as she whispered "and
she got more beautiful every day"*

*Navya S
SA EEE*

माँ

माँ

माँ भगवान का दूसरा रूप
उनके लिए दे देंगे जान
हमको मिलता जीवन उनसे
कदमो में है स्वर्ग बसा

संस्कार वह हमे बतलाती
अच्छा बुरा हमे बतलाती
हमारी गलतियों को सुधारती
प्यार वह हमपर बरसती.

तबियत अगर हो जाए खराब
रात-रात भर जागते रहना

माँ बिन जीवन है अधुरा
खाली-खाली सुना-सुना

खाना पहले हमे खिलाती
बादमे वह खुद खाती

हमारी खुशी में खुश हो जाती
दुःख में हमारी आँसू बहाती

कितने खुश नसीब है हम
पास हमारे है माँ

होते बदनसीब वो कितने
जिनके पास ना होती माँ....

Sreeti Gangadharan
Asst prof In Physics
Science And Humanities

പ്രിയ സുഹൃത്തിന് കണ്ണീരിൽ കുതിർന്ന ആദരാഞ്ജലികൾ

കൂട്ടുകാർക്കിടയിലെ ഒരു തമാശ ആയിട്ടാണ് ഈ അബദ്ധത്തിന്റെ തുടക്കം. കളിക്ക് വേണ്ടി ഒരു കൂട്ടുകാരന് ആദരാഞ്ജലികൾ അർപ്പിച്ചു കൊണ്ട് ഒരു പോസ്റ്റർ ഉണ്ടാക്കി. കൂട്ടുകാരനെ മാത്രം കാണിച്ചിട്ട് ഡിലീറ്റ് ചെയ്യാം എന്ന് കരുതി ഉണ്ടാക്കിയതാണ്. വാട്ട്സ്ആപ്പ് എടുത്തു രാത്രിയിൽ തന്നെ അത് ഷെയറും ചെയ്തു. കുറച്ച് കഴിഞ്ഞപ്പോൾ തുരുതുരാ മെസ്സേജുകൾ വരാൻ തുടങ്ങി, ആളെങ്ങനെയോ മരിച്ചത്, എപ്പോഴോ സംഭവം നടന്നത് എന്നൊക്കെ. ഒടുവിൽ നിര്യാതനായ പുള്ളിക്കാരൻ തന്നെ എന്നെ ഫോണിൽ ബന്ധപ്പെട്ടു, അവന്റെ മരണവാർത്ത അന്വേഷിച്ച് കൂട്ടുകാർ അവന്റെ വീട്ടിലും എത്തി, അപ്പോഴാണ് എനിക്ക് കാര്യം പിടികിട്ടിയത്, ഞാൻ പോസ്റ്റർ വാട്സാപ്പ് സ്റ്റാറ്റസ് ആയിട്ടാണ് ഇട്ടത്. എന്റെ സ്റ്റാറ്റസ് കണ്ടവരൊക്കെ അകാലത്തിൽ പൊലിഞ്ഞ ആ ജീവനെ ഓർത്തു ദുഃഖിച്ചു. പറ്റിയ അബദ്ധം തിരുത്താൻ ഞാൻ ഉടനെ മറ്റൊരു സ്റ്റാറ്റസ് ഇട്ടു പക്ഷെ അതിനോടകം ഈ മരണ വാർത്ത കാട്ടുതീ പോലെ പടർന്നിരുന്നു, അടുത്ത ദിവസം കോളേജിൽ അവനുവേണ്ടി പ്രാർത്ഥനാ യോഗം നടത്താൻ വരെ തീരുമാനം ആയി. ഞാനിട്ട സ്റ്റാറ്റസ് പലരും അവരുടെയും സ്റ്റാറ്റസ് ആക്കി. എനിക്കും എന്റെ കൂട്ടുകാരനും എന്ത് ചെയ്യണമെന്ന് അറിയാതെ ആയി, അടുത്ത ദിവസത്തെ യോഗത്തിൽ കാര്യങ്ങൾ വ്യക്തമാക്കാൻ ഞങ്ങൾ തീരുമാനിച്ചു. മെസ്സേജുകളുടെ ശല്യം സഹിക്കവയ്യാതെ ഞാൻ എന്റെ ഫോൺ ഓഫാക്കി. അടുത്ത ദിവസത്തെ യോഗത്തിൽ ആരും കാണാതെ എത്തിയ നിർഭാഗ്യവാനായ എന്റെ കൂട്ടുകാരൻ സ്വന്തം ആത്മാവിന്റെ ശാന്തിക്കുവേണ്ടി പ്രാർത്ഥിച്ച അവനെ യാദൃശ്ചികമായി കണ്ടവർ പ്രേതമെന്ന് കരുതി ഭയന്നു മറ്റു കൂട്ടുകാരെല്ലാം അവനെ കുറിച്ചുള്ള നല്ല ഓർമ്മകൾ പങ്കുവെച്ചു അവസാനമായി എന്നെയും ഓർമ്മകൾ പങ്കിടാൻ വേദിയിലേക്ക് ക്ഷണിച്ചു കിട്ടിയ അവസരത്തിൽ ഞാൻ സത്യങ്ങൾ എല്ലാം തുറന്നു പറഞ്ഞു അതുകേട്ട് ആ വേദിയാകെ നിശബ്ദമായി, മരിച്ചുപോയി എന്നെല്ലാതും തെറ്റിദ്ധരിച്ച ആ കൂട്ടുകാരൻ വേദിയിൽ എത്തിയതോടെ എല്ലാവരും അമ്പരപ്പോടെ അടുത്തുള്ളവരോട് അഭിപ്രായം പങ്കുവെക്കാൻ തുടങ്ങി എല്ലാർക്കും സംഭവിച്ചതെല്ലാം മനസിലായി പക്ഷെ പണി കിട്ടുന്നതിന് മുമ്പേ ഞാൻ മുങ്ങി അങ്ങനെ ഒരു പ്രിയ സുഹൃത്തിന് ആദരാഞ്ജലി അർപ്പിച്ചത് എനിക്കുള്ള ആദരാഞ്ജലി ആവാതെ തലനാരിഴക്ക് രക്ഷപ്പെട്ടു.

-മോളട്ടി

Pavithra Ganga
S6EE

Concern Care

I met a ghost beside a cherry field.
while raining roses and thorns.
Eyes of a satan , hair delicate ,
grinning like a lost doll
with a bitter glance
at the end of the beaten path.

Stood there numb , ailing with
anxiety filled veins.
My legs managed to go ahead
but my soul refused.
Lacking distance gave me a
brain freeze not letting the
alarms to go off

When I made it ,

My concerns became inadequate.
Is it what I am suppose to see ?
May be it is what I am suppose to
see. Fingers crossed ,
I realized, it is not a ghost
It is just me,myself and I.

AKHIL RAJU - S8 CSE

Resilience

Hey thou aren't canker
Well enough to unfold
Thy realm awaits you
Splash success to sphere

Ms had a sheepish grin
What left over with
Hard enough to break
Myths of social cocoon

Had waves in her silence
Retrieved what had within
Globe knows her story
The Break of her silence

Hey say no to called fence
It's an awake for the mankind

GAYATHRI G MURALI - S8 CSE

Dream Like

It came silently without one's knowing
Without one's thinking it brought light
to their world

The glowing light made their life
peaceful but their soul in dark
Everything changed when anything
becomes more

They ferociously fought for their outer
peace
The world of light pushed them to the
blazing hot cavity

They lost their peaceful world but it
helped them from their mind of
darkness
After when they look back, it is gone like
a dream

MALAVIKA PANICKER - S6 CSE

Life A Flow

Life goes with a flow Sometimes
hides, Sometimes show,

At times it is yet, or it is no!
Sometimes it is high, or low.....
Life is to feel it, like air...
Life is to see & achieve it like goal
But we waste it in "like, comment &
share"

There is no shortcut to top
We have to scroll
Life is what to put on top gear,
Life is what to win, just more two
steps more...!
Life is not just to pass...
The world cannot see a hole in
the life's glass...
Life is a race !

To win just maintain the pace.
To top just complete your chase
Life goes with a flow
Not too fast.....
Not too slow....

AADHYA DAS - S6 CSE

Open A Book

Open a book
And you will find,

People and places of every kind,

Open a book
And you can be
Anything you want to be
Open a book
And you can share

Wondrous words you find in there;
Open a book
And I will too,
You read to me,
And I'll read to you!

SULEKHA - S4 AI

Life

Life is so strange
Nothing stays the same
Everything change
But who to blame
Life is like a game
Where you have to lose
Before you can gain

To win you have to face the fearful rain

In Life.. They always say
Don't use your heart
Only use your brain
In life there is love
But the more is hate
No one decide

YADHUKRISHNA M - S4 AI

കണ്ടതും കാണാത്തതും

നിശബ്ദമായ ദൈവത്തിനും
ചിരിക്കാത്തകാണിക്കവെച്ചിടും
നേരെ കണ്ടകൂർ നാണയത്തുട്ടുകൾ

എറിഞ്ഞു കൊടുത്തു
വലിയവായിൽ ചിരിച്ചു
ചുളുങ്ങിയ തകരപാത്രത്തിനും
കൊടും വെയിൽ മുലപ്പാൽ
കുടിച്ചുറങ്ങുന്ന കുഞ്ഞിനെയും
ഞാനടക്കം മൗനിച്ചില്ല

SHUKAIRA BEEGAM - S8 CSE

നിനക്കായ്

അടരുവാൻ ആകില്ല നിൻ
നെഞ്ചകത്തിൽ നിന്നും ഒരു ജന്മം ..

നിനക്കായ് ഞാൻ നെയ്ത്ത് കൂട്ടിയ പട്ട്
തോൽക്കും കിനാക്കൾ ചിറകുകളാൽ
നിന്നെ പുൽകുന്നുവോ
നിനക്കായ് പിന്നെമെൻ
നേത്രങ്ങൾ നിന്നിലേക്ക്
എത്തുവാൻ വെമ്പുന്നു വോ ..

അകലങ്ങളാൽ തളരാതെ എൻ
പ്രണയപുഷ്പങ്ങൾ
സുന്ദരമായി വിടുന്നുവോ ..

ഇനിയും എത്ര പകലൊളികൾ
നിൻ മൗനത്താൽ ഞാൻ
മുറിവേൽക്കണം ...

അകലും തോറും അടുക്കുമെൻ
ഹൃദയക്കൂട്ടിൽ നിന്നും
നിനക്കുക്തി ഇല്ല പ്രിയോ ..

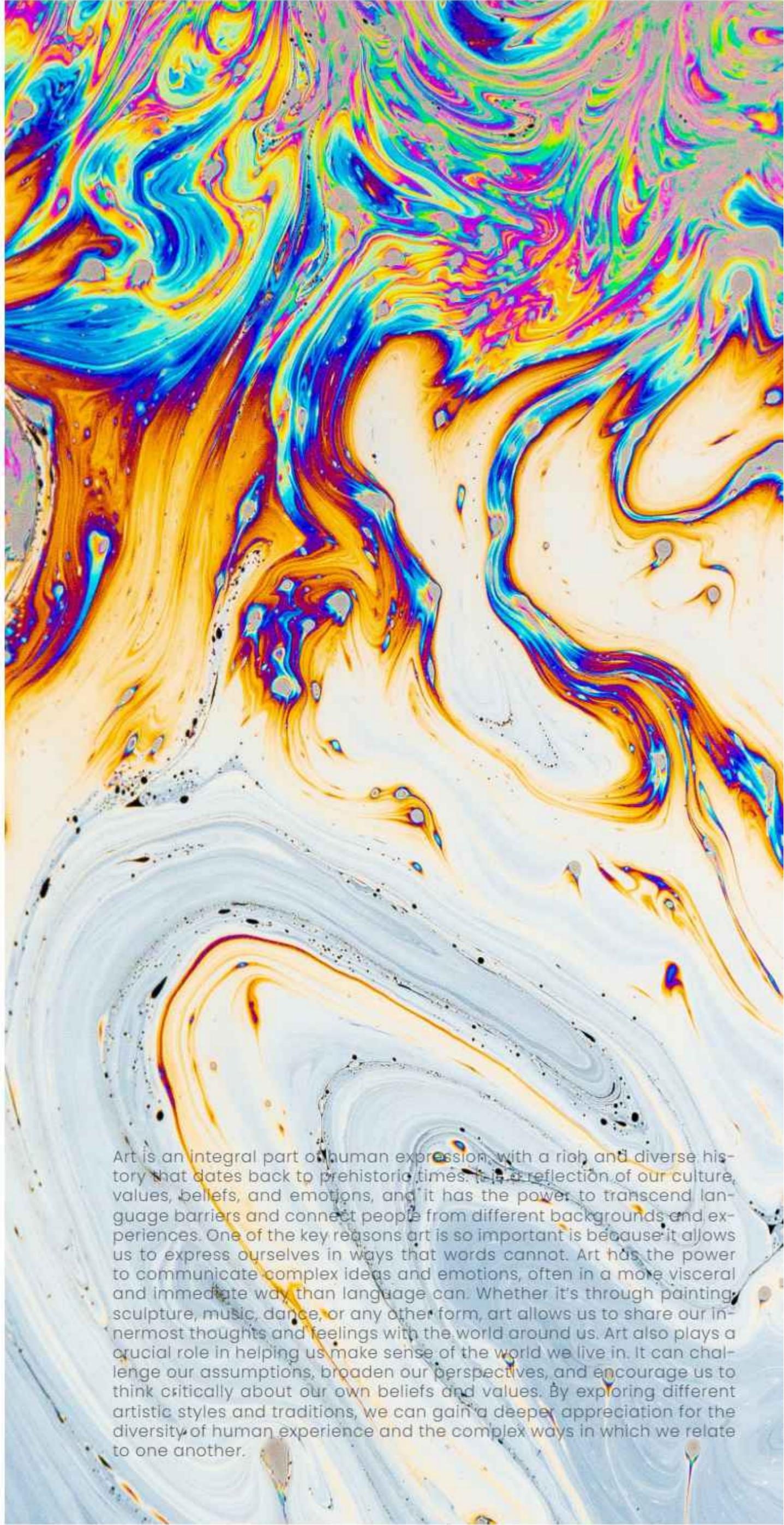
ആയിരം ജന്മങ്ങൾ പുനർജനിക്കാം ഞാൻ..
നിന്നാക്കായി .. നിൻപ്രിയപാതിയായി ...

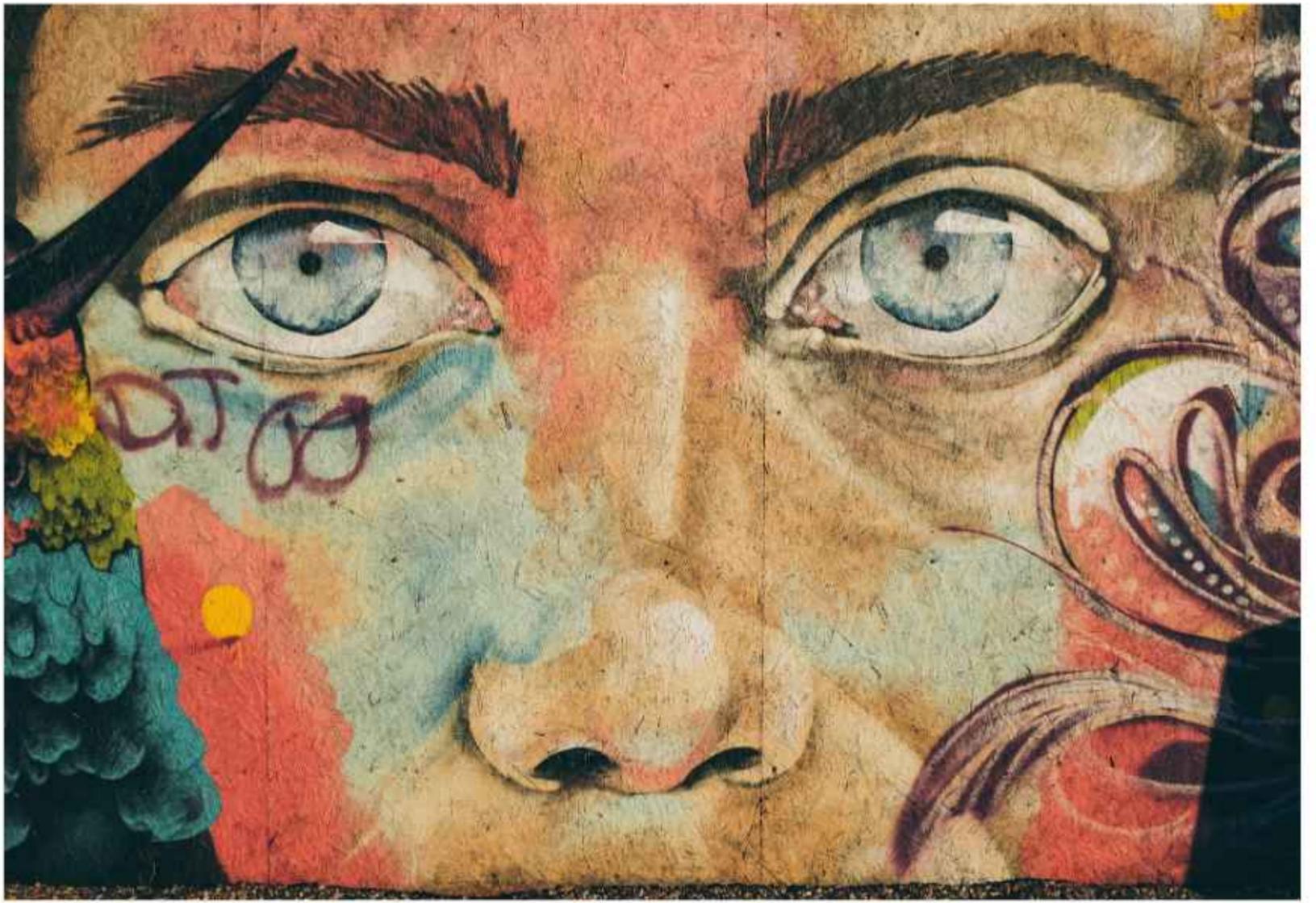
POOJA SHIBIKUMAR - S8 CSE

ARTWORKS

Creativity takes courage

Art is an integral part of human expression, with a rich and diverse history that dates back to prehistoric times. It is a reflection of our culture, values, beliefs, and emotions, and it has the power to transcend language barriers and connect people from different backgrounds and experiences. One of the key reasons art is so important is because it allows us to express ourselves in ways that words cannot. Art has the power to communicate complex ideas and emotions, often in a more visceral and immediate way than language can. Whether it's through painting, sculpture, music, dance, or any other form, art allows us to share our innermost thoughts and feelings with the world around us. Art also plays a crucial role in helping us make sense of the world we live in. It can challenge our assumptions, broaden our perspectives, and encourage us to think critically about our own beliefs and values. By exploring different artistic styles and traditions, we can gain a deeper appreciation for the diversity of human experience and the complex ways in which we relate to one another.







Adarsh S
S6 ME

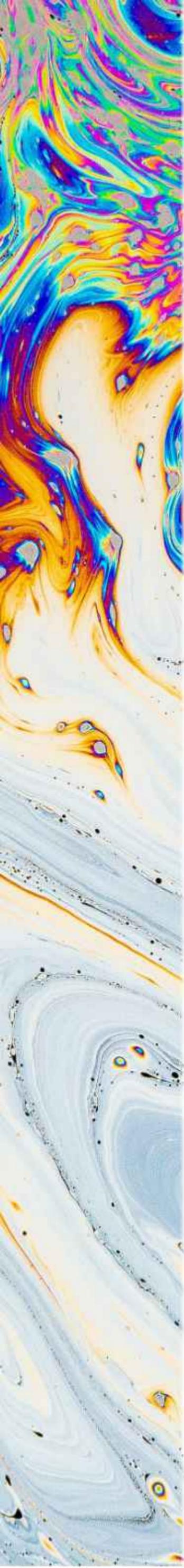


Richu Prakash
s6 ME



Praisyy B Prakash
S6 ECE





Gopikrishna Pai S2 ME



Abhinaya A
S4 ECE



Sreepriya sudhan
S4 CE



Sibin S K
S6 CSE

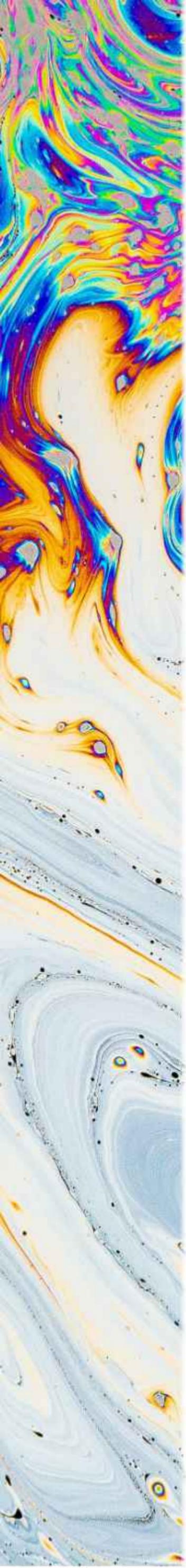


Krishna G Sumedh
S2 CE



Ashish varghese
S2 CE





Krishna G Sumedh
S2 CE



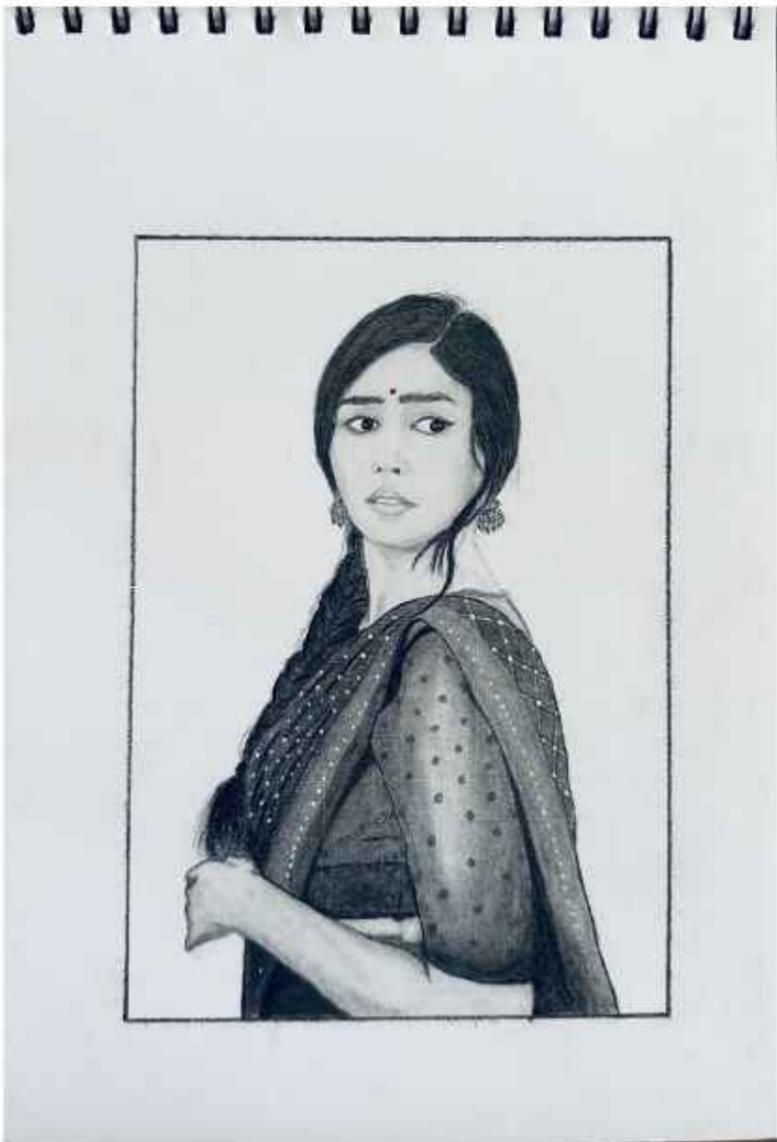
Adhithya K
S4 CE



Animisha K Sadanandan
S6 ECE



Richu Prakash S6 ME

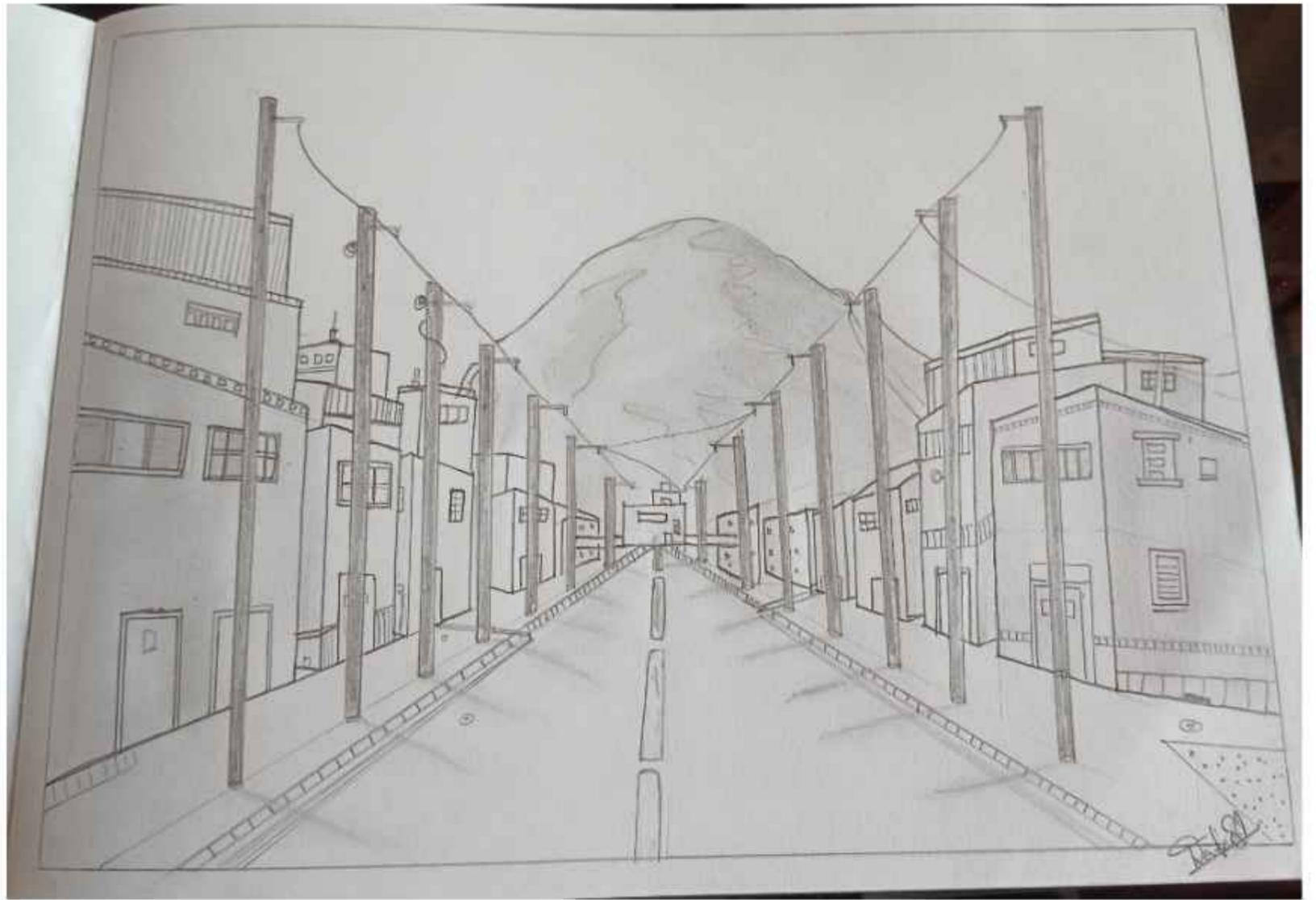
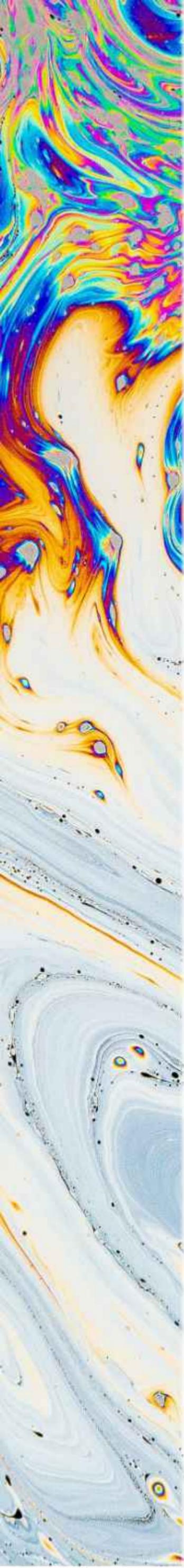


Richu Prakash S6 ME



Sibin Sk
S6 CSE





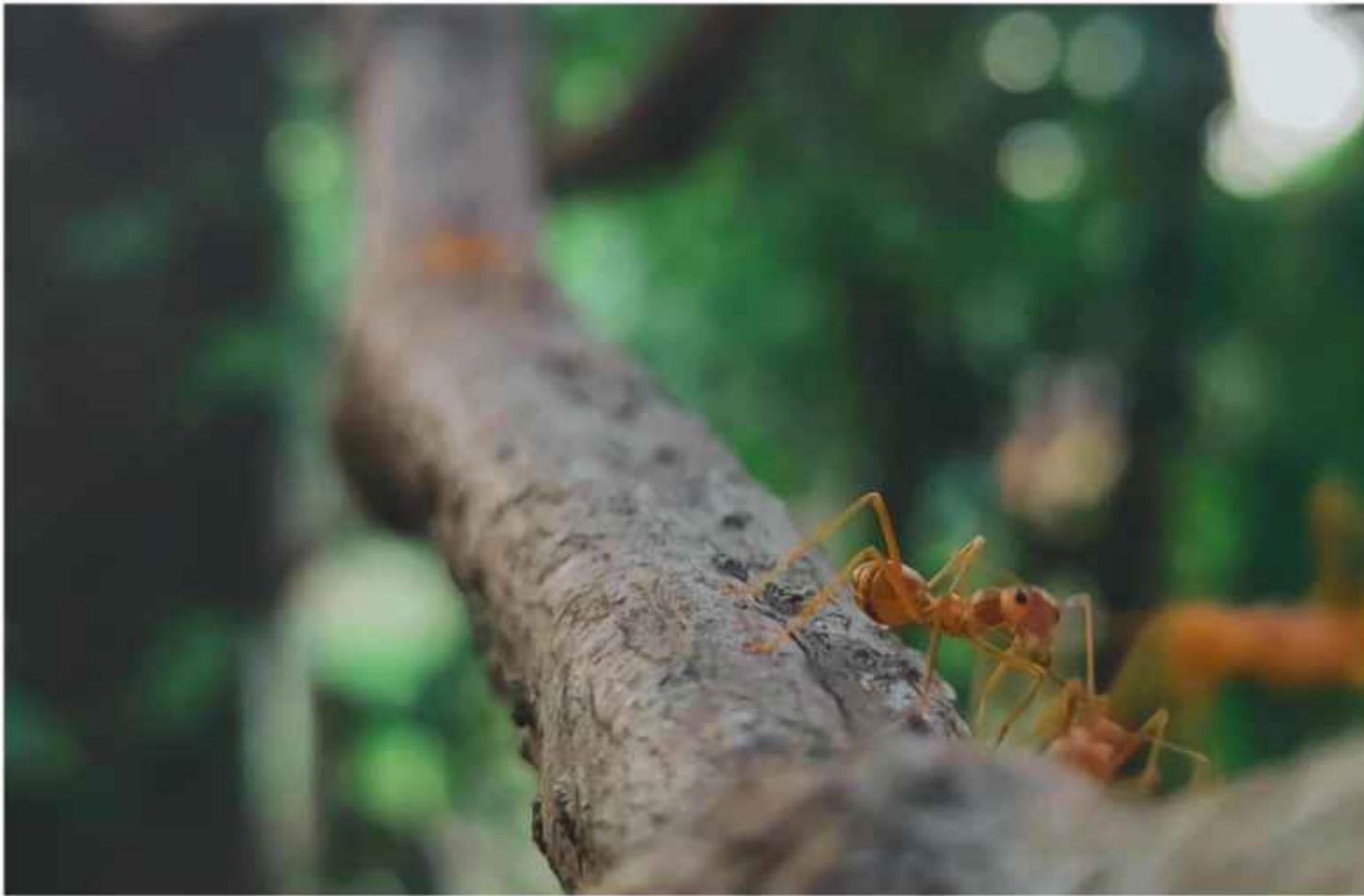
Devika J S
S4 CE



Richu Prakash S6 ME



Richu Prakash S6 ME



Albin T Lal S4 CE

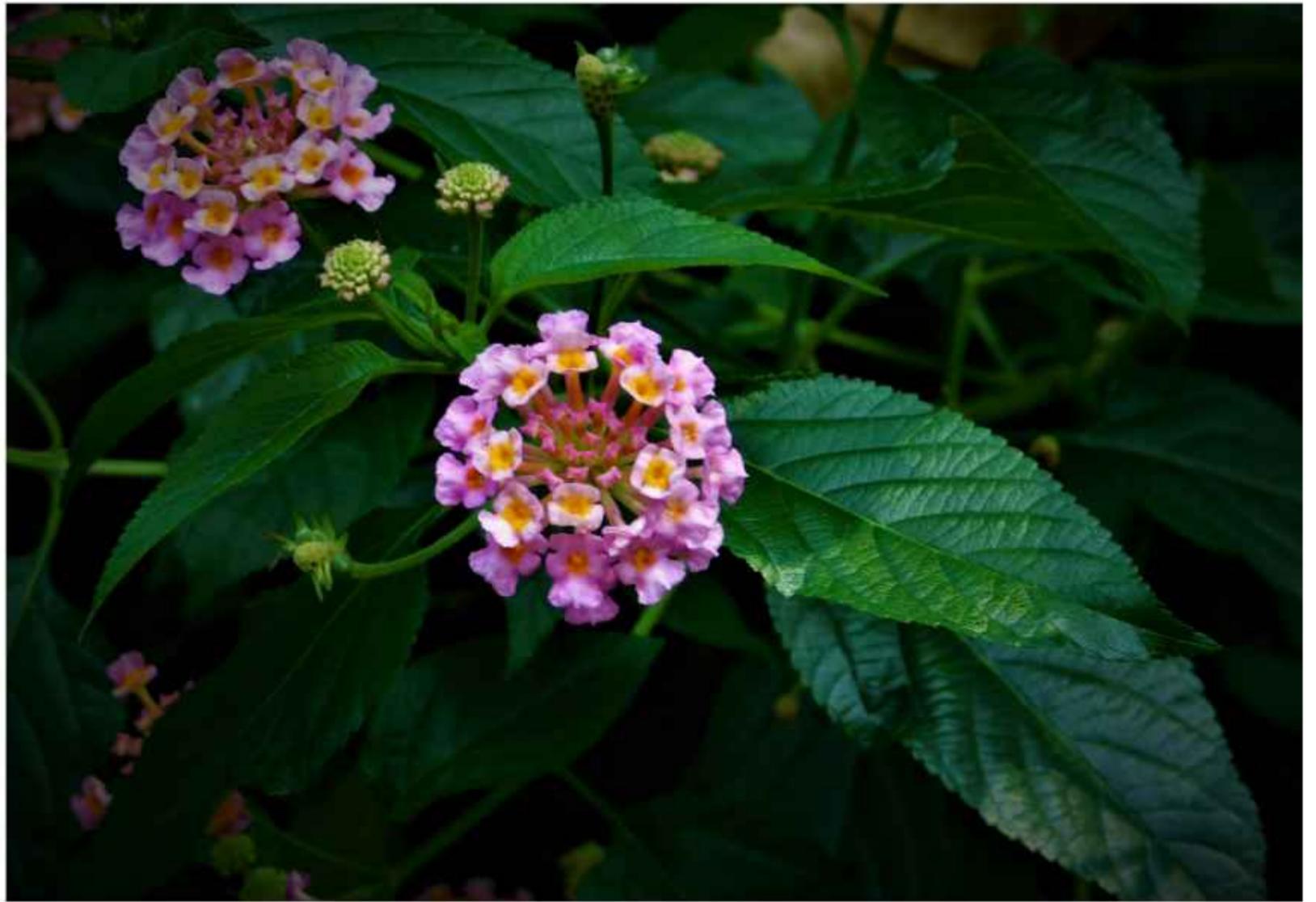
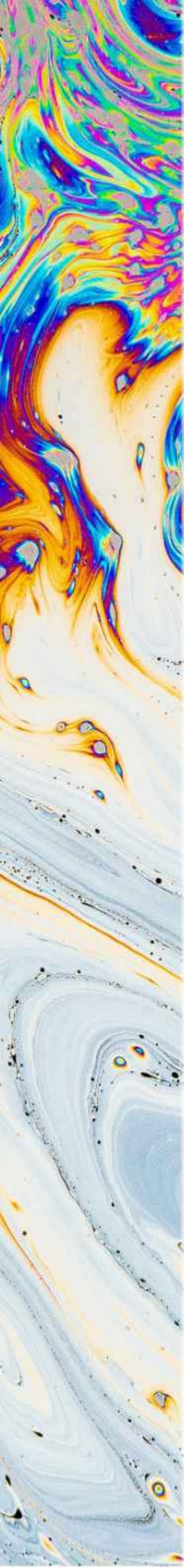


Arunima Vinod
S2 CSE



Pavithraganga
S6 ECE





Nimisha S
S6 ECE



Mrs.Tessy Abraham
Asst.prof CSE



Albin T Lal S4 CE



Devika J S
S4 CE

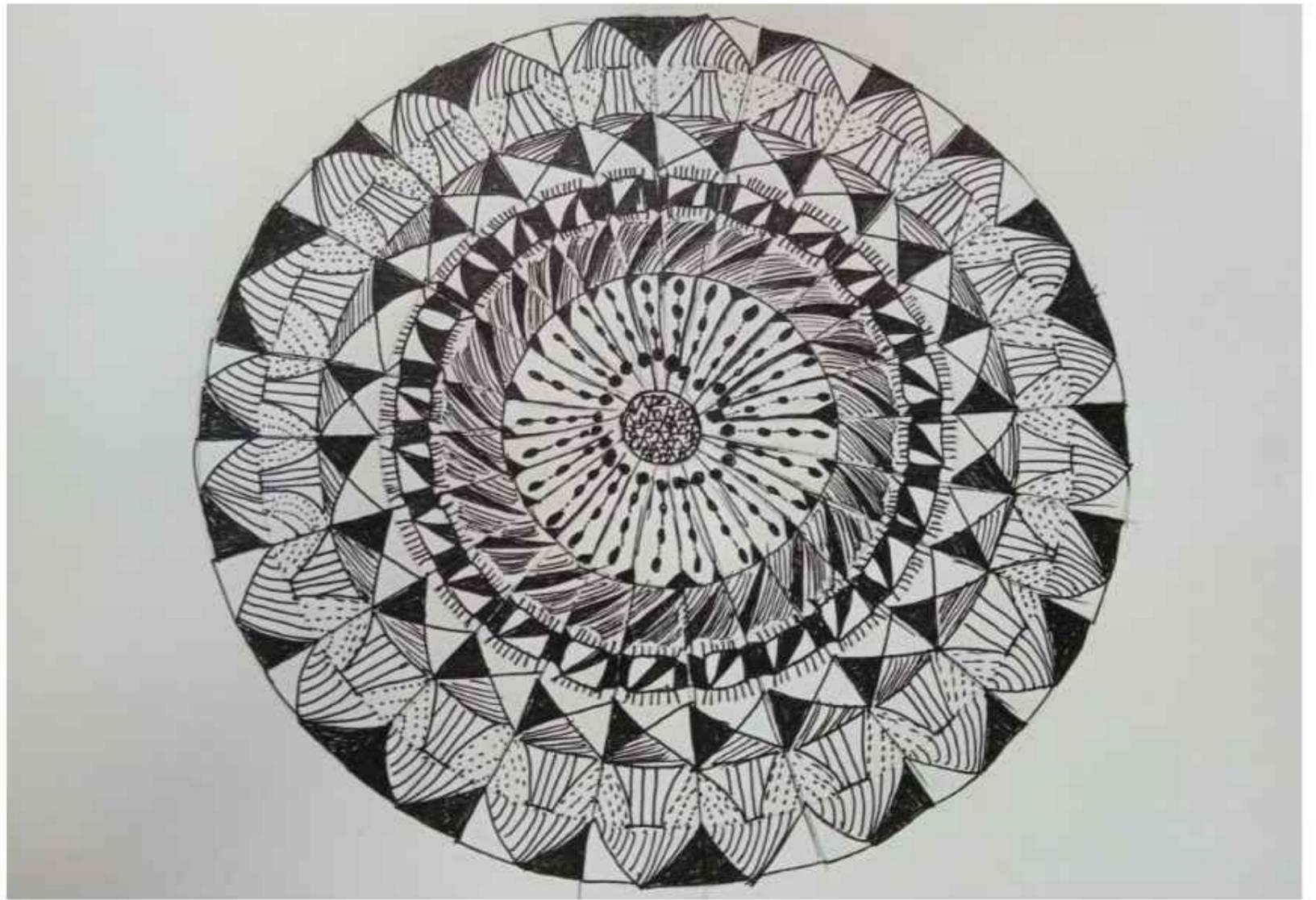
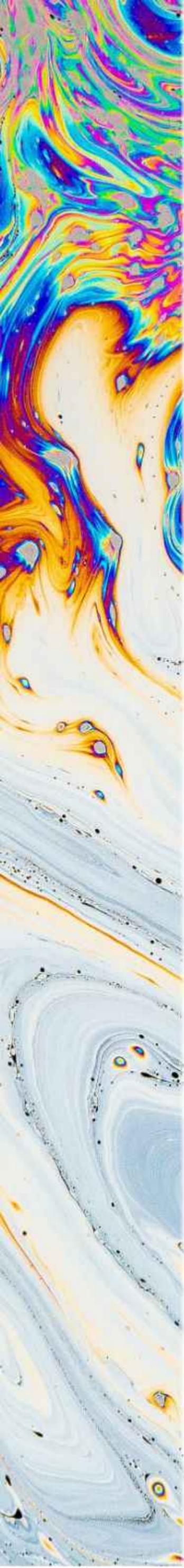


Richu Prakash
S6 ME

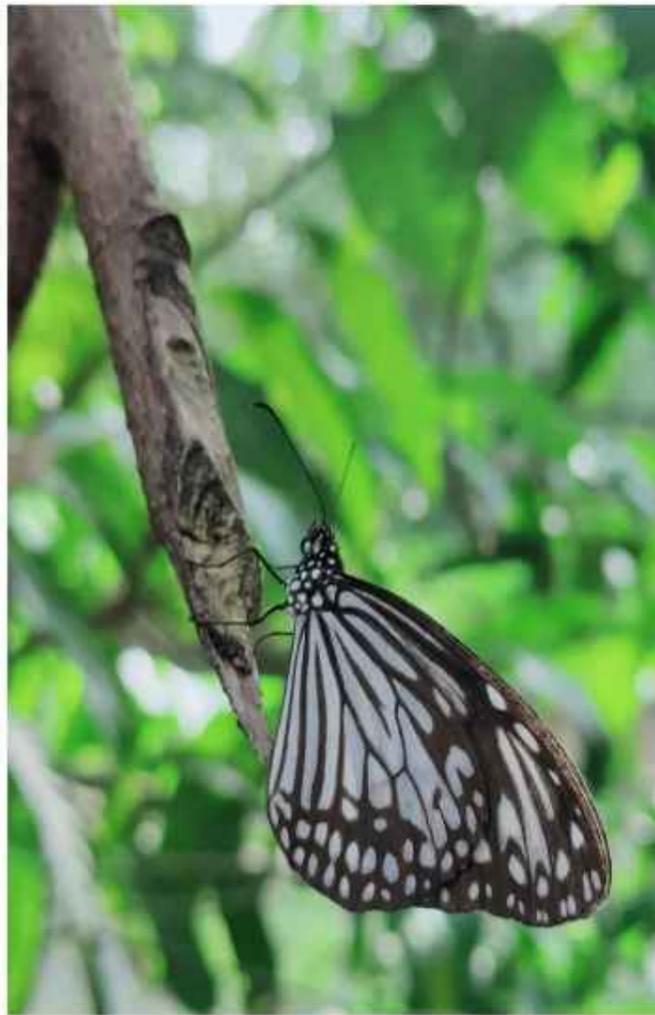


Sibin S K
S6 CSE





Mrs.Tessy Abraham
Asst.prof CSE



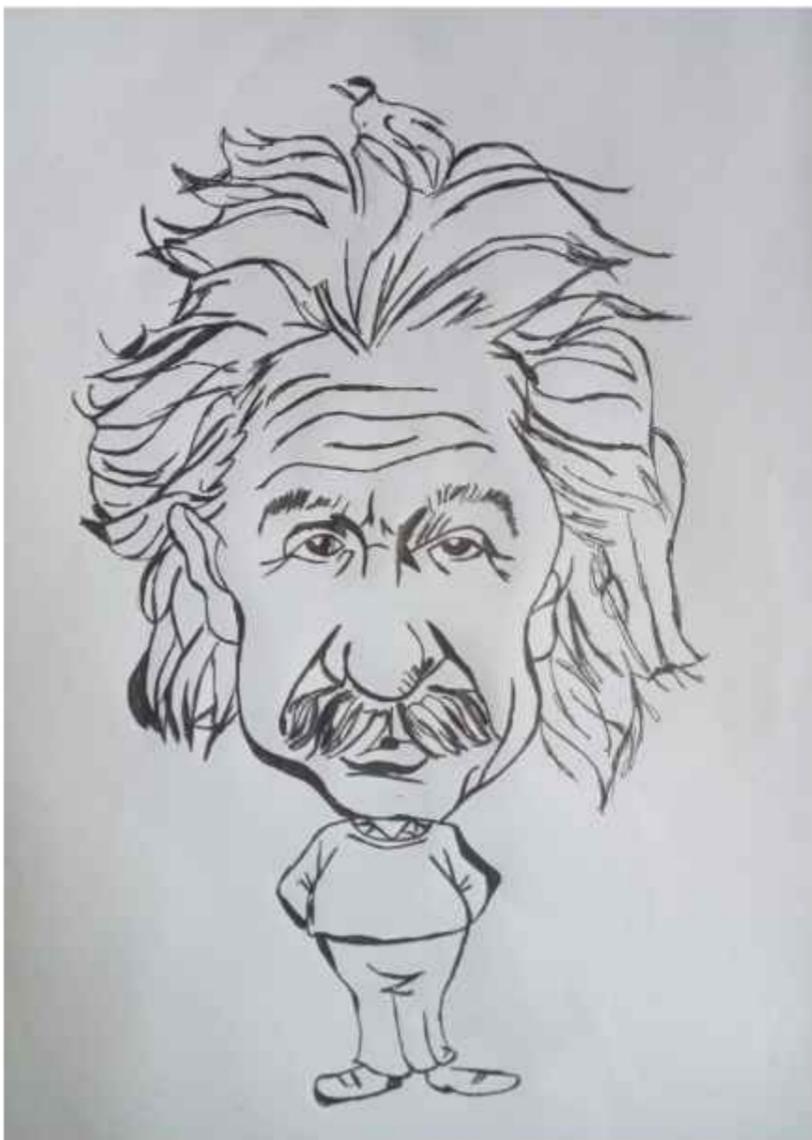
Albin T Lal S4 CE



Richu Prakash
S6 ME



Pavithraganga
S6 ECE

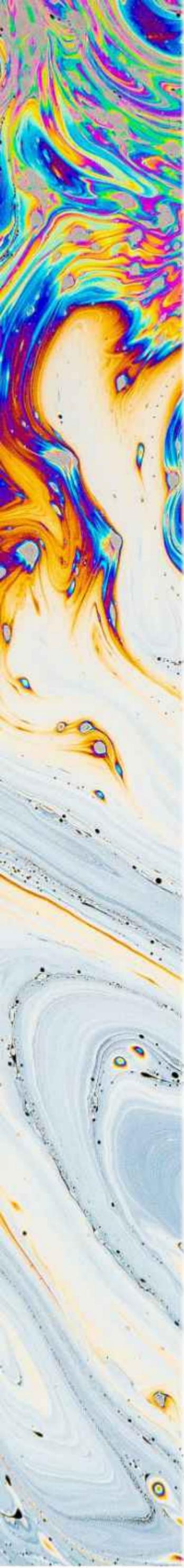


Sree Lekshmi R. Pillai
S2 CSE

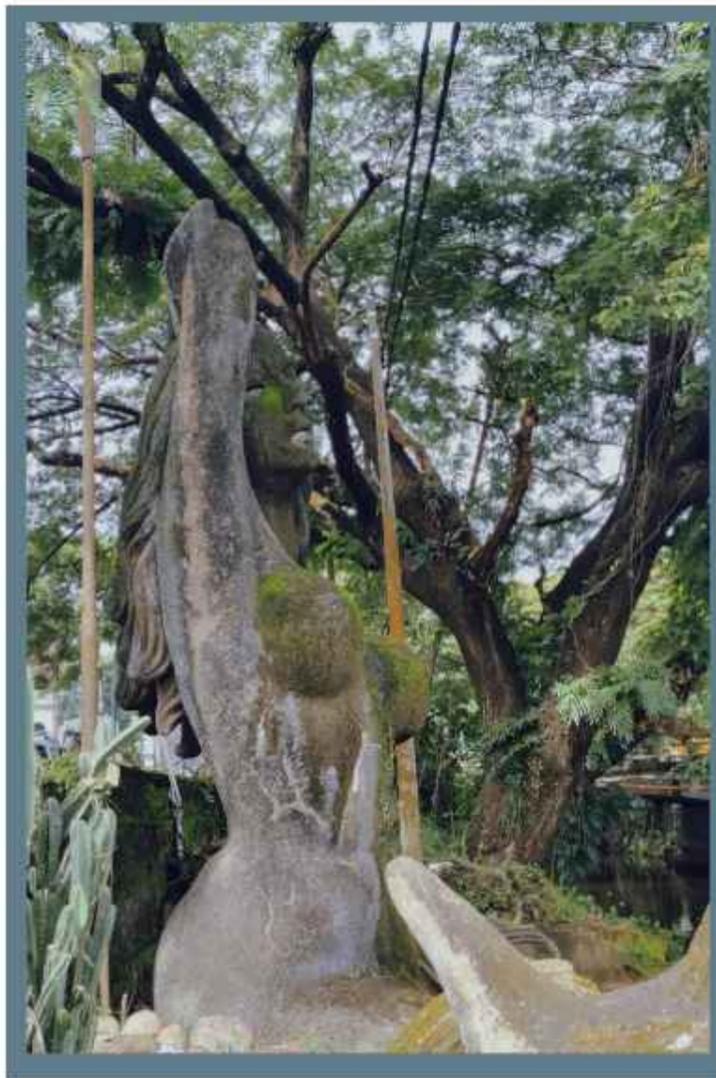


Nimisha S
S6 ECE





Sree Lekshmi R. Pillai
S2 CSE



Albin T Lal
S4 CE



Pavithraganga
S6 ECE



Nimisha S
S6 ECE

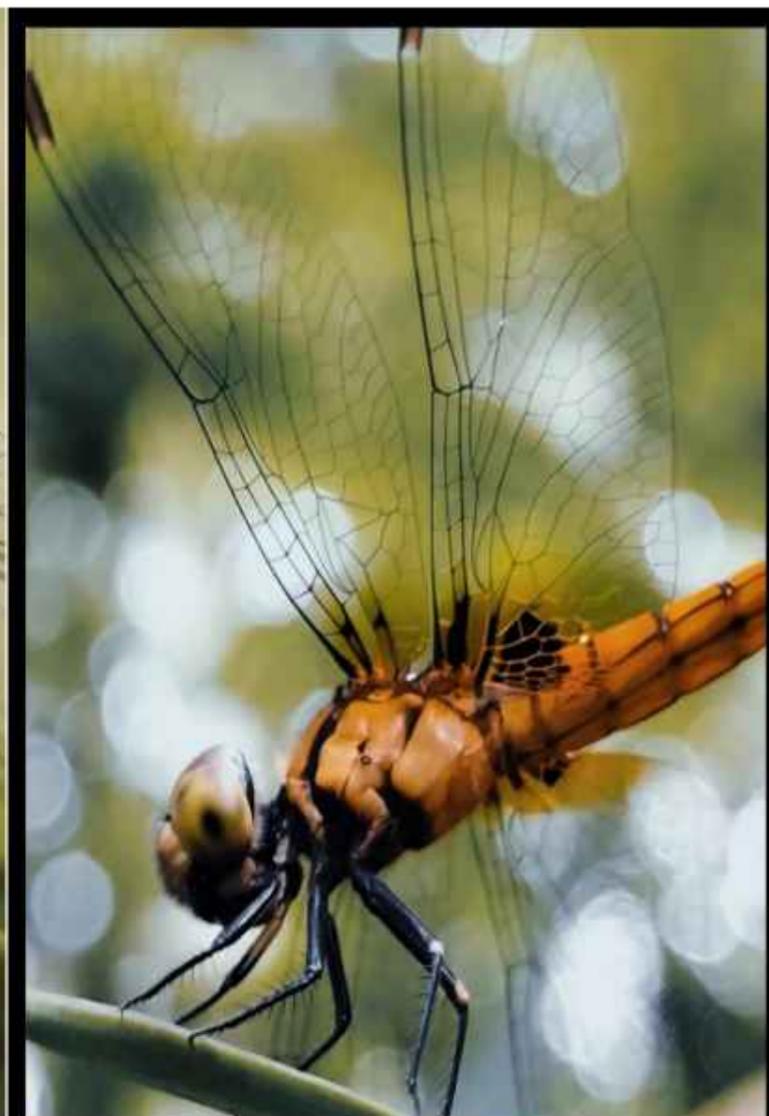
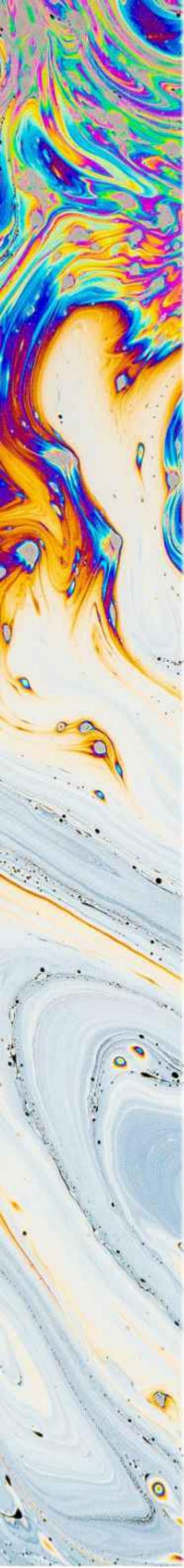


Sree Lekshmi R. Pillai
S2 CSE



Albin T Lal S4 CE





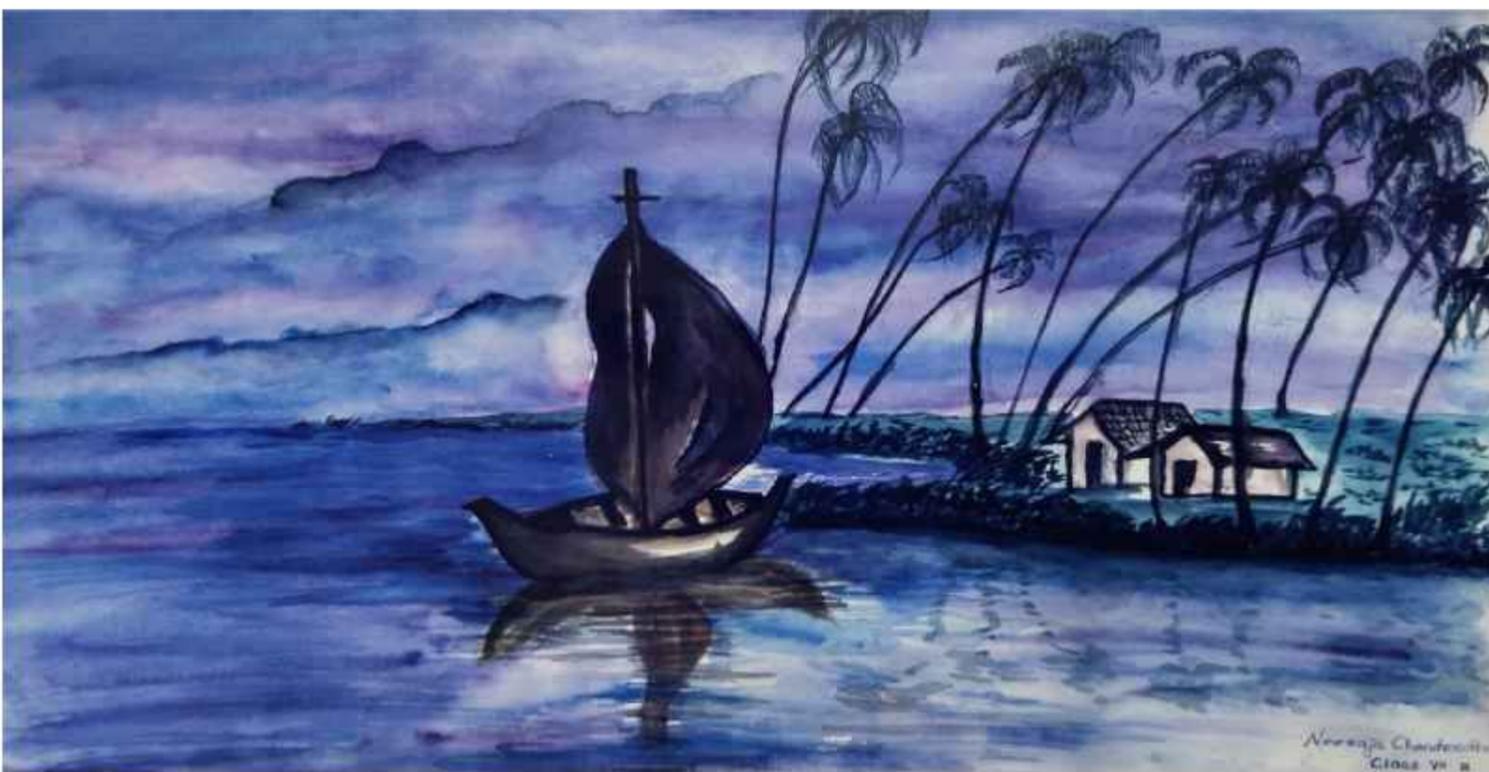
Albin T Lal S4 CE



Sree Lekshmi R. Pillai
S2 CSE

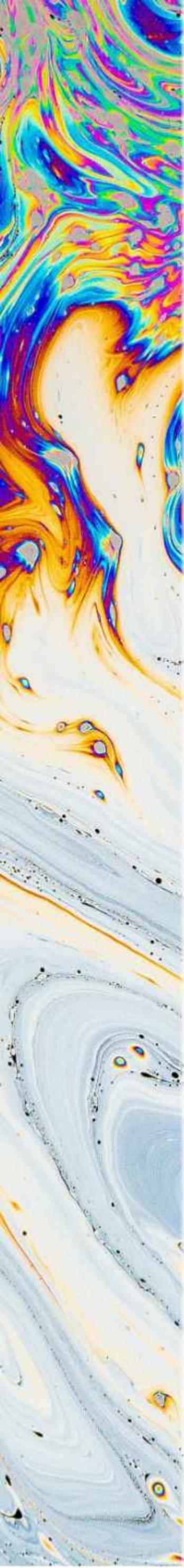


Jenu Sajeev
S4 CE



Mrs. Neeraja Chadrsekhar
Asst. Prof CE





Aakash P V
S6 ME



Aakash P V
S6 ME



Nimisha S
S6 ECE



IEDC

INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTRE

The Innovation and Entrepreneurship Development Centres (IEDC) is a platform set up in College with an aim to provide students an opportunity to experiment and innovate. It provides avenues for creative students to learn, collaborate and transform their innovative ideas into prototypes of viable products and services. IEDCs works as the first launch pad for a student's entrepreneurial journey and provide them with access to cutting edge technology, world class infrastructure, high quality mentorship, early risk capital and global exposure. IEDC Mahagurutech started its activities actively from 2016 onwards. It is funded by KSUM. Students are encouraged to think out of box to identify problems, solve and to develop a product as outcome. IEDC Mahagurutech organize a lot of seminars, Ideation, Hackathons and workshops in collaboration with various Gov/Pvt entities through which they can improve their skill and sharpen their thought process. It provides platform to interact with entrepreneurs constantly to empower budding entrepreneurs. The students are motivated and supported for setting up startups. Participation in various workshops and in national/international level competitions is promoted. IEDC has incubated a number of startups providing them facilities ranging from office space, conference hall, wi-fi etc. Thereby IEDC Mahagurutech continues its wonderful journey with Growth, Improvement & Success.

Objectives

- i) To promote knowledge based and innovation driven enterprises.*
 - ii) To develop and promote commercially viable innovative products and solutions from the students.*
 - iii) To bridge the gap between Industry and Academia*
 - iv) To promote enterprise among budding technopreneurs and thereby creating more employment opportunities*
 - v) To support the budding Entrepreneurs through Grants and to create an entrepreneurship flavor in the academic fraternity.*
 - vi) To establish and Management of Technology Business Incubators and thereby create the infrastructure and environment required for promoting technology-based start-ups & Technology infrastructure.*
-



HUDDLE GLOBAL

Huddle global is one of India's most coveted start-up conclaves. There were 9 volunteers from among the members of IEDC Mahagurutech who were selected through a rigorous selection process.



IEDC SUMMIT

Members from IEDC Mahagurutech took part in the IEDC summit which is arranged once every year to enable a productive interaction between the IEDC members from across various institutions.



GDSC WOW

One of the ExCom members of IEDC Mahagurutech has been selected as the GDSC WOW core team member representing Alappuzha district

24

03/23



IEDC Mahagurutech conducted a 2-day tech fest on 23rd and 24th of March as part of which various seminars, workshops and competitions were conducted mainly to bring forth the technical and entrepreneurial skills hidden in the students.

GDSC WOW HACKATHON



four other members were selected for attending the GDSC WOW hackathon from among nearly 3800 applicants.



NSS UNIT

NATIONAL SERVICE SCHEME

When we come under the umbrella of a community from many angles, it becomes a society. An NSS unit is made up of 50 students who are committed to this community. Each NSS unit helps to transform many people who have the attitude to grow back in the crowd into personalities. MIT's NSS 216 started its journey in 2014. Since the beginning of that journey, 50 students have been selected for the unit each year. The working time of an NSS unit is 120 hours. Students will be awarded final Year Certificate Activity Points only if they complete this time correctly.

Our NSS unit has carried out many social activities under its auspices. Charitable activities are carried out regularly every year. In the first period, we collected one rupee per day from the students and bought an ambulance led by our unit. During the year 2020, a house was provided to one of the employees of our college. In 2022, wheelchair attachable lottery stand was donated to a disabled person And an LED Bulb manufacturing unit was established by NSS Unit 216.



"Only One Earth"-World Environment Day



The NSS unit has donated a wheelchair attachable lottery stand to a disabled person



As a part of NSS camp, several activities have been conducted during the 7 days.



Blood donation program conducted by NSS Unit 216.



LED Bulb Manufacturing unit started by our NSS Unit 216.

CONVENOR



**Mr. Rahul P Raj
Assistant Professor , EEE
MIT**

Ragging **Free** Campus



WARNING – Ragging is a Crime

ANTI-RAGGING CELL

Ragging is treated as a criminal offence. Adequate measures are taken to prevent any such incidence in the college. Those who found guilty of ragging are liable to be expelled from the college and shall initiate legal actions. In the exercise of the powers conferred by Regulations 6 (a) of the AICTE, an Anti-Ragging Committee and Anti-Ragging squad have been reconstituted on 04/01/2017 at Mahaguru Institute of Technology for preventing any incidence of ragging in the college and hostels. The committee takes measures repeatedly remind students of the consequences of ragging and ensure that the parents and new students are made aware of their rights.

Objectives of Anti-Ragging Committee

Anti-Ragging committee will be the supervisory and Advisory Committee of matters of planning actions for building and preserving a culture of Ragging free environment in the college campus. The Anti-ragging squad will work under the supervision of Anti-Ragging Committee and to engage in the works of checking places like hostel, buses, Canteens, classrooms and other places of students congregation, for any incidence of ragging and shall educate the students at large in the college about menace of ragging and related punishment provisions. Committee will be involved in designing strategies and action plan for curbing the menace of ragging in the college by adopting array of activities.

Objectives of Anti-Ragging Squad

Anti-Ragging Squad will be working under the Monitoring of Anti Ragging Committee and will seek advice from the Anti Ragging Committee. The Functions of Anti Ragging Squad will be to keep a vigil and stop the incidences of Ragging, if any, happening /reported in the places of Student aggregation including, Classrooms, Canteens, Buses, Grounds, Hostels etc. The Squad will also educate the students at large by adopting various means about the Menace of Ragging and related Punishments thereto. A gamut of positive reinforcement activities will have to be adopted by Anti-Ragging Squad for orienting students and moulding their personality for a better cause. They shall work in Consonance and Guidance of Anti Ragging Committee.

RAGGING

IS A CRIMINAL OFFENCE

Do not **"RAG"**

Also don't be a mute witness to

RAGGING



Anti Ragging & Student Safety

CONVENOR



Mrs. Priya Grace Itti Eipe
HOD,CE
MIT



ARTS CLUB

"Art is never finished, only abandoned." "Where the spirit does not work with the hand, there is no art."

– Leonardo da Vinci

Arts club of Mahaguru Institute of technology provides an opportunity to the students to let their imagination run wild and provides them with the sight to see things in a different way. The college has given due importance to cultural activities along with academics for the all-round development of the students. Students learn from one another and share their prowess in different aspects of art. The Arts Club caters to the needs of those students who have an aptitude for music, dance or other fine arts. Students are encouraged to participate in inter collegiate and other competition through fine arts.

OBJECTIVES

1. The main objective of arts club is to encourage the budding talent of the students.
2. Provide opportunities and encouragement to express oneself freely.
3. Educational objective of this club is to encourage imagination, create ability and introduce an artistic environment.
4. Inspiring students to make maximum contribution as creative artists and citizens.
5. Organize various competitions, functions, and events in the college.
6. Make the student confident and competitive in the global environment.
7. To improve the imagination skill in entertainment.
8. To give the students artistic outlet and to help each enrich interest for art and personal experience through art

DANCE CLUB

This club has great mission—to produce finest dancers from our college. It caters to the nourishment of the dance skills of students in the forms of the dance both eastern and western. The members of this club are keen on showing their talents whenever there is an occasion. They conduct regular meetings and practice so that they are aspiring to become masters in their art. A dance club is a social venue where people come together to dance and enjoy music. It is typically a space designed for dancing, with a dance floor, music system, and sometimes a DJ or live performers. Dance clubs can vary in style and genre of music, from nightclubs with electronic dance music to salsa clubs, hip-hop clubs, or ballroom dancing clubs. The atmosphere can be lively and energetic, and often people go to dance with friends, socialize, or meet new people.



Arunima Vinod
S2 CSE

MUSIC CLUB

Music club is very active in our college. It equips the singers and music enthusiasts with enough opportunities for the rejuvenation of their talents. A music club is a gathering place for music enthusiasts to enjoy live performances, listen to recorded music, and socialize with like-minded individuals. These clubs can range in size and style, from intimate jazz clubs to large-scale concert venues. They often feature a bar or lounge area where patrons can enjoy drinks and snacks while listening to music. Music clubs can be a great way to discover new artists, connect with others who share your musical tastes, and experience the joy of live music. The members meet on a regular basis. Whenever there is an occasion for showcasing their proficiency in singing or musical instruments, they make optimum use of it by performing either as individually or as a group.



Muhammad Vaseem
S2 CSE



Gopikrishna Pai
S2 ME

PAINTING AND DRAWING

Painting and drawing are two distinct art forms that involve creating visual images on a surface. Drawing typically involves using pencils, pens, charcoal, or other tools to create lines, shapes, and textures on paper or another surface. Painting, on the other hand, involves applying pigments to a surface using a brush, palette knife, or other tools. This is an occupation, which calls for creative energy, and aptitude of person, keeping in mind the end goal to find things not seen, concealing themselves under the shadow of regular items, and to settle them with the colours and creativity, displaying to plain sight what does not really exist. There is something lovely around a clear canvas, the nothingness of the starting that is so straightforward and stunningly immaculate. The paint changes its importance and the colours that makes the story. Each piece starts the same, yet at last they are all exceptionally distinctive.



Krishna G Sumedh
S2 CE



TESSY ABRAHAM
CSE DEPT

SKETCHING

When we are discussing craftsmanship, a representation generally alludes to a fast, casual drawing, typically done from life. A portrayal catches the essentials of the subject – the general structure and viewpoint, a feeling of volume, development and feeling; some of the time a recommendation of light and shade. A representation ought not be toiled or exhausted. A representation might be made in any medium, however pencil is the most widely recognized



Ashish Varghese
S2 CE



Sree Lekshmi R
S2 CSE

HANDICRAFT

A handcrafted, is any of a wide assortment of sorts of work where helpful and improving articles are made totally by hand or by utilizing just straightforward instruments. It is a conventional fundamental division of specialty, and applies to an extensive variety of innovative and outline exercises that are identified with making things with one's hands and aptitude, incorporating work with materials, pliant and unbending materials, paper, plant strands, and so forth.



Sree Lekshmi R
S2 CSE

MODELING

Modeling is a gathering of flexible substances utilized as a part of building and chiseling. The material syntheses and generation forms differ significantly. Modeling refers to the process of creating a representation of a real-world system or phenomenon using mathematical or computational techniques. The goal of modeling is to simulate the behavior of the system under various conditions, allowing researchers to explore hypotheses, test predictions, and gain insights into the underlying mechanisms. Models can take many forms, including mathematical equations, statistical models, computer simulations, and physical prototypes. They can be used to study a wide range of systems, from the behavior of subatomic particles to the dynamics of economies and ecosystems. One of the key challenges of modeling is to strike a balance between simplicity and accuracy. Models that are too simplistic may fail to capture important aspects of the system, while models that are too complex may be difficult to understand and computationally intractable.

ARTS FESTIVAL

The annual cultural fest reflects the spirit of youth and provides the right platform for the upcoming generation of engineers to showcase their talents in various spheres that cover the many versatile aspects of technical knowhow, culture and games. Apart from imparting true competitive spirit, it also gives a wide and broad professional exposure to our students. The students get an opportunity to participate in the University level depending upon their performance during college arts.

CONVENOR



Mrs. Ambilimol V P
Assistant Professor , S&H
MIT

ADDITIONAL SKILL ACQUISITION PROGRAMME



Additional Skill Acquisition Programme (ASAP)

Additional Skill Acquisition Programme (ASAP) is a joint initiative of General and Higher Education Departments, Govt. of Kerala. The motto behind this program is to generate more employable skills in the student population of Kerala by providing sector specific skill training programmes along with regular academic studies. This special training would be conducted during vacation or along with curricular.

The programmes are developed, delivered, assessed and certified with the active participation of the related industries to ensure labour market acceptance of the programmes.

Mahaguru Institute of Technology signed an MoA with Additional Skill Acquisition Program ASAP on 19th Day of – March – Two Thousand and Twenty one (19/03/2021), at MIT, Kattachira. The institution is now recognized as an Advanced Skill Development Centre.

Courses:

- Artificial Intelligence and Machine Learning
- UI path RPA
- Google ACE
- Life Skill Module

CONVENOR



Mrs. Lakshmipriya K J
Assistant Professor , EEE
MIT

GRIEVANCE CELL

The objective of the Grievance Cell is to develop a responsive and accountable attitude among all the stakeholders in order to maintain a harmonious educational atmosphere in the institute. All the proceeding of the Grievance mechanism will be suitably documented. Complainece can be given through the mail id: grievance_cell@mahagurutech.ac.in .

As per the ordinance from Kerala Technological University (KTU), a Student Grievance Redressal Cell has been reconstituted in this institution on 08/04/21. Students can approach this cell to express his / her grievance. The cell considers the request and addresses genuine complaints from students.

The Grievance Redressal Cell is constituted to address the student grievances. The Cell attempts to address genuine problems and complaints of students whatever be the nature of the problem.

CONVENOR



Mrs. Lijimol S
Assistant Professor , S&H
MIT

INTERNAL COMPLAINT COMMITTEE (ICC)

Mahaguru Institute of Technology has constituted Internal Complaint Committee (ICC) in pursuance of guidelines issued by Supreme Court, UGC and as per the provisions of the Sexual Harassment of Women at Workplace (Prevention, Prohibition & Redressal) Act, 2013. Anti Sexual Harassment Cell (Internal Complaints Committee) is reconstituted to provide effective enforcement of basic human rights of gender equality and guarantee against sexual harassment and abuse. And even to provide conducive atmosphere in the campus to all the staff members, employees and students of MIT. The committee works for the prevention, prohibition and redressal of sexual harassment of girl students and lady faculty members.

Objectives of the Committee:

- To built self-esteem and dignity among girl students and ladies faculty members.
- To offer service such as counseling, legal aid in case of atrocities against women.
- To deal with cases of sexual harassment in a time bound manner, aiming at ensuring support services to the victimized, prevention and termination of the harassment.
- To undertake all necessary and reasonable steps including the constitution of appropriate committees for purposes of gender sensitization and to conduct enquiries into complaints of sexual harassment.
- To create awareness regarding women rights.
- To avoid and prohibit sexual harassment at workplace.
- To arrange programs regarding health, personality development etc.

CONVENOR



Mrs. Athira Raj
Assistant Professor , CE
MIT



FILM AND PHOTOGRAPHY CLUB

The Film and Photography Club organizes regular screening of artistic cinema, documentaries and photo exhibitions. The forum provides the students an opportunity to watch, discuss and review films and photography. The club also conducts workshops in photography and film making.

Moreover, it is a fantastic launch-pad for the student aspirants in the field, exposing them to liberal arts and critical thinking. The Film and Photography Club in Mahaguru tech college is a base platform for students to become a professional in their career. Irrespective of their graduation subject, this club provides encouragement in picking up the snapshots of their interest in best way. Club always tries to bring out Photography talents from our college to their best output.

The Vision:

Anti-Ragging committee will be the supervisory and Advisory Committee of matters of planning actions for building and preserving a culture of Ragging free environment in the college campus. The Anti-ragging squad will work under the supervision of Anti-Ragging Committee and to engage in the works of checking places like hostel , buses ,Canteens ,classrooms and other places of students congregation , for any incidence of ragging and shall educate the students at large in the college about menace of ragging and related punishment provisions. Committee will be involved in designing strategies and action plan for curbing the menace of ragging in the college by adopting array of activities.

The Mission:

To strengthen and enlighten young engineers and to keep them well inform about the technological and industrial advancements in their respective courses and departments.

Aim and the Objectives:

1. To highlight and develop the potentials and talents of engineering students.
2. To help students keep in pace with technical engineering development.
3. To get valuable experience in project work and team building.
4. To get involved outside of the classroom to reinforce the learning that happens inside the classroom.
5. Stimulate interest in science activities among students.
6. Enable students to carry out self-directed activities in areas of interest in science.
7. Provide opportunities for students to develop initiatives and creativities.
8. To create awareness of the importance and potentials of science in all students of MIT.
9. To create interest in latest inventions and discoveries of science in various fields.

Activities of the club

1. Organizing seminars, workshops and training courses.
2. Organizing Science fair where science project is being executed.
3. Visiting external exhibitions.
4. Creating competitions among students by making some contests.
5. To issue scientific magazines and brochures.



**ARAVIND K
S6 CSE**



**ADITHYAN S
S4 EEE**

CONVENOR



**Mr. AMJITH S
Assistant Professor , EEE
MIT**



NDLI CLUB MAHAGURU TECH

MOTTO

Open, inclusive

National Digital Library of India (NDLI) is a virtual repository of learning resources which is not just a repository with search/browse facilities but provides a host of services for the learner community. It is sponsored and mentored by Ministry of Education, Government of India, through its National Mission on Education through Information and Communication Technology (NMEICT).

Filtered and federated searching is employed to facilitate focused searching so that learners can find the right resource with least effort and in minimum time. NDLI provides user group-specific services such as Examination Preparatory for School and College students and job aspirants. Services for Researchers and general learners are also provided. NDLI is designed to hold content of any language and provides interface support for 10 most widely used Indian languages.

It is built to provide support for all academic levels including researchers and life-long learners, all disciplines, all popular forms of access devices and differently-abled learners. It is designed to enable people to learn and prepare from best practices from all over the world and to facilitate researchers to perform inter-linked exploration from multiple sources. It is developed, operated and maintained from Indian Institute of Technology Kharagpur.

The NDLI Club Team has approved a request from Mahaguru Institute of Technology to set up a NDLI Club in Mahaguru tech. All interested students, faculty members and employees of Mahaguru tech can now enrol themselves as members of NDLI Club Mahagurutech.

CONVENOR



Mr. AMJITH S
Assistant Professor , EEE
MIT



SPORTS CLUB

Sports and games form an integral part of education. It integrates an individual physically, mentally and socially, fostering team spirit among the participants and make them disciplined. Sports and games include outdoor, indoor games and athletics. Students can practice races, jumps, discus throw, etc. and also play various games like football, kabaddi, volley ball, basket-ball, badminton and cricket.

College games and sports are annual affairs. Inter collegiate tournaments are held in football, volley ball, cricket, kabadi etc. The college endeavours in improving standard of games and sports among its players and athletes by giving systematic training and coaching to the students throughout the year. The college has its team in football, cricket and kabaddi.

CONVENOR



Mr. JIBIN BABY
Physical Director of MIT
COLLEGE

STUDENTS WELFARE COMMITTEE

The Student Welfare Committee of Mahaguru Institute of Technology is responsible for the general and specific well-being of students. During the stay of a student in the campus, this committee is responsible for solving all the student's grievances.

This committee complies with the policies set by the University in order to facilitate a positive academic environment to the students and help them to proceed in their career with minimal obstruction. The committee works for the overall welfare of the student in terms of student development which consist of student development program and student publication, counseling of the students, social activities and many more.

In Mahaguru Institute of Technology, students welfare committee works on some basic functions for the welfare of a student which includes the following:

1. First and foremost to develop the student-teacher relationship bond.
2. Listening to their problems and understanding what is required for their development in any manner.
3. Assisting the students in their learning process and organizing special coaching for slow learners.
4. This includes not just academics but also the practical learning experience.
5. Addressing and solving their various issues. Addressing the feedbacks of students regarding different areas of curriculum and resolving the issues with no or little efforts from the students.
6. Flourishing relationship with parents and organizing meetings for them. Addressing the issues from guardians and resolving them to whatever the needs are. Not every child understands in the same manner, the committee therefore ensures that those who could not understand the topics shall be taught in a friendlier manner, separately.
7. Conducting periodic meetings to talk over student welfare. By organizing activities and facilitating student interests. Organizes co-curricular activities for personality and skill development.
8. Managing the needs for extracurricular activities and organizes them

At last, I would like to conclude that "Student Welfare Committee is the paternal committee of all committees" it will not be wrong

CONVENOR



Mrs. SREETI GANGADHARAN
Assistant Professor, S&H
MIT



Intercollege Cricket Champion



ICSE Indo Nepal kabaddi team

1.Amith Varghese -S4 ME,2.Habeeb Dinar AN -S4 CE,3.Vaishnav G - S4 ME,4.Saleah S - S4 ME,5.Ajay J -S4 CSE,6.Gopu Krishna S S4 ME,7.Nandu KK - S4 CE,8.Amrithesh Vidhyadharan -S4 CE,9. Devanarayanan A - S4 ME,10.Govind T - S4 CE,11. Abhijith P - S6 CE



State Roball second runner up



SPORTS

Mahaguru Institute of Technology (MIT) is a renowned educational institution that offers a range of academic programs in various fields of study. Apart from academics, MIT is also known for its focus on sports and physical fitness. The institute provides excellent facilities and training for its students to excel in various sports. MIT has a dedicated sports department with qualified and experienced coach who train the students in different sports. The institute has well-equipped facilities for various sports such as cricket, kabadi, football, volleyball, badminton, and athletics. The sports facilities include a state-of-the-art gymnasium, a well-maintained and a well-equipped sports ground. The institute encourages students to participate in sports activities and events. The sports department organizes various inter-college and intra-college sports competitions throughout the year. MIT has a strong sports team that has participated and won in several sports events at the national level. MIT also offers various sports to students who have excelled in sports. The institute believes in the holistic development of its students, and sports is an essential component of this philosophy. The institute provides a platform for students to showcase their talent in sports and achieve excellence. In conclusion, MIT is a leading educational institution that provides excellent facilities and training for sports. The institute encourages its students to participate in sports and provides a platform for them to excel in various sports. MIT is an ideal place for students who are passionate about sports and want to achieve excellence in their chosen sport.



RTS



National kabaddi team

1.Amith Varghese -S4 ME,2.Habeeb Dinar AN -S4 CE,3.Vaishnav G - S4 ME,4.Saleah S - S4 ME,5.Ajay J -S4 CSE,6.Gopu Krishna S S4 ME,7.Nandu KK - S4 CE,8.Amrithesh Vidhyadharan -S4 CE,9. Devanarayanan A - S4 ME,10.Govind T - S4 CE,11. Abhijith P - S6 CE



SALESH S
S3 MECH



GOVIND T
S3 CIVIL



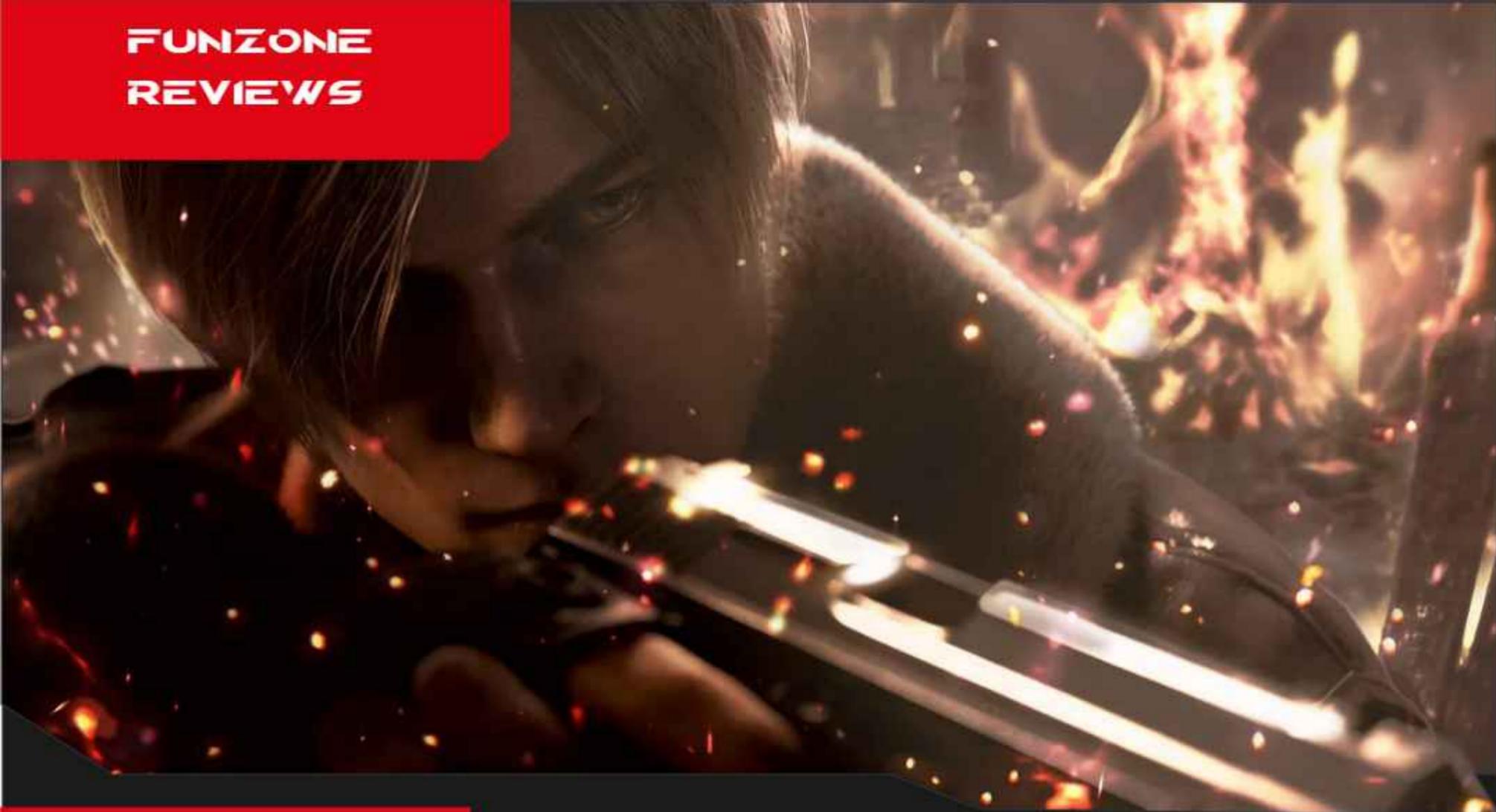
Minu Manoj S 2 AI
Inter zone karatte championship, first runner up



Inter college kabaddi team
Runner up at St thomas college chengnnur



Inter college kabaddi team
1.Amith Varghese -S4 ME 2.Habeeb Dinar AN -S4 CE 3.Vaishnav G - S4 ME 4.Saleah S - S4 ME 5.Ajay J -S4 CSE 6.Gopu Krishna S S4 ME 7.Nandu KK - S4 CE 8.Amrithesh Vidhyadharan -S4 CE 9.Devanarayanan A - S4 ME 10.Govind T - S4 CE 11. Abhijith P - S6 CE 12.Akshay Anil - S8 CSE 13.Aakash PV S6 ME



Updated graphics and sound design: The remake features modern graphics and sound design that take advantage of the latest gaming technology.



Reworked puzzles: While the puzzles in the remake are based on the original game's puzzles.



Dual campaigns: The remake offers two campaigns, one for each of the two protagonists, Leon and Claire, providing a unique perspective on the game's story.

The Resident Evil 2 remake, released in 2019 by Capcom, is a remarkable example of a classic survival horror game remastered with modern gameplay and graphics. The game has received critical acclaim for its faithful recreation of the original game's atmosphere and storyline, while also introducing new elements that enhance the overall experience. One of the most notable improvements in the remake is the updated graphics and sound design. The game features a brand new engine, which allows for detailed character models, environmental effects, and realistic lighting. The sound design is also impressive, with creepy sound effects and haunting music that add to the game's tension and horror.

The gameplay has also been improved with modern mechanics, making it feel more accessible and intuitive to players new to the series. The game offers two campaigns, one for each of the two protagonists, Leon and Claire, providing a unique perspective on the game's story. The puzzles are well-designed and add to the overall sense of suspense and unease.

The game's AI-controlled enemies, the zombie-like creatures known as "the infected," are smarter and more terrifying than ever before, making each encounter a nerve-wracking experience. The game also introduces new enemies, such as the

hulking "Mr. X," who relentlessly hunts the player throughout the game.

Updated graphics and sound design: The remake features modern graphics and sound design that take advantage of the latest gaming technology. The new engine allows for more realistic lighting and environmental effects, while the sound design features improved voice acting and haunting music.

Reworked puzzles: While the puzzles in the remake are based on the original game's puzzles, they have been reworked to provide a new challenge for players who are familiar with the original game. The puzzles are well-designed and add to the overall sense of suspense and unease.

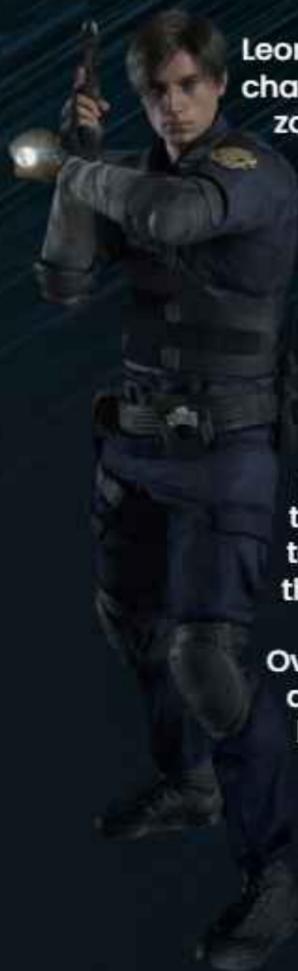
Overall, the remake of Resident Evil 2 is a faithful and well-executed reimagining of a classic game. It offers a satisfying blend of modern gameplay mechanics and classic survival horror elements, making it a must-play for fans of the genre and newcomers alike.

Game | info

- Resident Evil 2
- Developer CAPCOM Co., Ltd.
- Publisher CAPCOM Co., Ltd.
- Released 25 Jan, 2019

- Requires a 64-bit processor and operating system
- OS: WINDOWS® 10 (64-BIT Required)
- Processor: Intel® Core™ i7-3770 or AMD FX™-9590 or better
- Memory: 8 GB RAM
- Graphics: NVIDIA® GeForce® GTX 1060 or AMD Radeon™ RX 480 with 3GB VRAM
- DirectX: Version 12

Are You READY?



Leon S. Kennedy is one of the main protagonists of the Resident Evil series and a central character in Resident Evil 2. He is a rookie police officer who finds himself trapped in the zombie-infested Raccoon City after a virus outbreak. Leon is a skilled marksman and fighter, as well as a quick thinker who is able to adapt to new situations on the fly. In Resident Evil 2, Leon is one of two playable characters, along with Claire Redfield. His campaign sees him fighting his way through the Raccoon City Police Department, where he meets other survivors and uncovers the truth behind the virus outbreak. Leon's campaign also introduces the character of Ada Wong, a mysterious woman who becomes Leon's ally throughout the game.

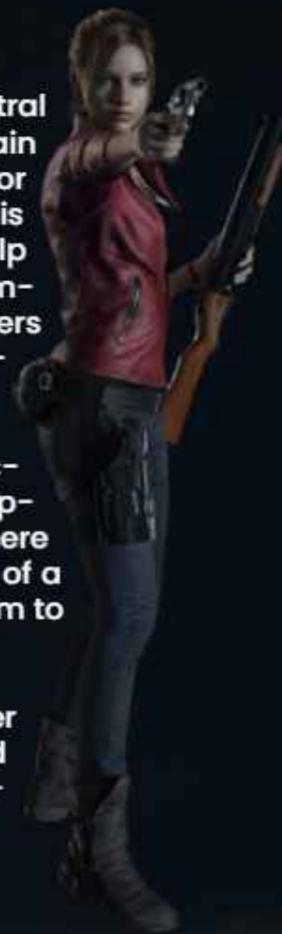
Leon's character has evolved throughout the series, with his experiences in Raccoon City shaping him into a seasoned veteran of the fight against bio-organic threats. He has appeared in multiple Resident Evil games, including Resident Evil 4, where he takes on the role of the main protagonist. In later games, he becomes more of a mentor figure to other characters, sharing his experience and knowledge with them to help them survive.

Overall, Leon is a fan-favorite character in the Resident Evil series, known for his bravery, quick thinking, and fighting skills. His character has evolved throughout the series, but he remains a central figure in the fight against bio-organic threats, always willing to put himself in harm's way to protect others.

Claire Redfield is one of the main protagonists of the Resident Evil series and a central character in Resident Evil 2. She is the younger sister of Chris Redfield, another main character in the series. In Resident Evil 2, Claire arrives in Raccoon City looking for her brother, but finds herself trapped in the city during a zombie outbreak. Claire is a skilled fighter and survivor, with a strong sense of justice and a willingness to help others. Her campaign in Resident Evil 2 sees her fighting her way through the zombie-infested streets of Raccoon City, where she meets other survivors and uncovers the truth behind the virus outbreak. Claire's campaign also introduces the character of Sherry Birkin, a young girl who becomes her ward throughout the game.

Claire's character has evolved throughout the series, with her experiences in Raccoon City shaping her into a tough survivor with a no-nonsense attitude. She has appeared in multiple Resident Evil games, including Resident Evil: Code Veronica, where she takes on the role of the main protagonist. In later games, she becomes more of a mentor figure to other characters, sharing her experience and knowledge with them to help them survive.

Overall, Claire is a fan-favorite character in the Resident Evil series, known for her bravery, strong sense of justice, and fighting skills. Her character has evolved throughout the series, but she remains a central figure in the fight against bio-organic threats, always willing to put herself in harm's way to protect others.





Create your own cyberpunk
Become an urban outlaw equipped with cybernetic enhancements and build your legend on the streets of Night City.



Explore the city of the future
Night City is packed to the brim with things to do, places to see, and people to meet.



Build your legend
Go on daring adventures and build relationships with unforgettable characters.

Cyberpunk 2077, developed by CD Projekt Red, is an open-world action role-playing game that takes place in the sprawling metropolis of Night City in the year 2077. The game is set in a dystopian future where cybernetic implants, artificial intelligence, and advanced robotics have become commonplace, and society has become deeply divided between the wealthy elite and the impoverished masses.

The game's protagonist is V, a mercenary who is trying to make a name for themselves in Night City's criminal underworld. The player is able to customize V's appearance and gender, as well as their skills, abilities, and backstory. The story follows V as they navigate the complex political and criminal landscape of Night City, taking on jobs and missions for various factions and characters.

One of the most impressive aspects of Cyberpunk 2077 is its world-building. Night City is a massive, detailed, and immersive environment that is full of life and personality. The city is divided into six distinct districts, each with its own unique atmosphere, architecture, and inhabitants. From the sleek and futuristic skyscrapers of the Corporate Center to the gritty and chaotic streets of the Combat Zone, Night City feels like a real place, with its own history, culture, and social dynamics.

The game's narrative is also well-crafted, with a cast of memorable characters

and a compelling storyline that is full of twists, turns, and surprises. The game's themes are dark and mature, exploring topics such as social inequality, corruption, and the dangers of technological progress. The game's writing is excellent, with well-developed characters and dialogue that feels natural and believable.

The game's combat system is another strong point. The player is able to choose from a wide variety of weapons and cybernetic implants, allowing them to customize their playstyle and approach to combat. The combat is fast-paced and visceral, with a sense of weight and impact to each blow and shot. The game also features a robust stealth system, allowing players to take a more tactical and subtle approach to combat.

Despite its many strengths, however, Cyberpunk 2077 is not without its flaws. One of the biggest issues with the game is its performance on older consoles. The game was released in December 2020, and at launch, it suffered from a number of technical issues, particularly on the PlayStation 4 and Xbox One. The game's graphics were muddy and

Game | info

- Cyberpunk 2077
 - Developer CD PROJEKT RED
 - Publisher CD PROJEKT RED
 - Released 10 Dec, 2020
-
- Requires a 64-bit processor and operating system
 - OS: Windows 10
 - Processor: Intel Core i7-4790 or AMD Ryzen 3 3200G
 - Memory: 12 GB RAM
 - Graphics: GTX 1060 6GB / GTX 1660 Super or Radeon RX 590
 - DirectX: Version 12
 - Storage: 70 GB available space

Cyberpunk 2077



low-resolution, and the game suffered from frequent frame rate drops and other performance issues. CD Projekt Red has since released a number of patches and updates to address these issues, but the game still does not run as smoothly on older consoles as it does on newer, more powerful hardware. Another issue with the game is its handling of sensitive subject matter. CD Projekt Red has defended these scenes as integral to the game's mature themes and narrative, but some players feel that they are gratuitous and unnecessary.

In conclusion, Cyberpunk 2077 is a flawed but ambitious game that offers a rich and immersive world, compelling narrative, and engaging gameplay. While the game's technical issues and handling of sensitive subject matter are cause for concern, they do not detract from the game's overall quality. Fans of open-world RPGs, science fiction, and cyberpunk aesthetics will find a lot to love in this game, and it is definitely worth checking out despite its flaws.



First LOVE

Sometimes in life, we create beautiful connections with certain people, a connection that goes beyond our understanding and as time passes by. It gets deeper and more felt. It's something beautiful that words cannot even explain it and suddenly obstacles get in the way life gets in the way distance gets in the way everything just piles up and creates a wall between these two souls all of a sudden, the dreams desires and beliefs and just vanish but I will tell you this when it's a pure and deep connection.

When these two souls are meshed together from previous lifetimes... The unknown will bring them back to reconnect, they will continue exactly where they left off-cut what they have is something rare, their love is not a typical type of love. What they have is the seed of love from the other buried in the depth of their souls.

For my first love
What I dreaming of
When I go to bed
When I lay my head upon my pillow
Dont know what to do

Aakash P V
S6, ME



First LOVE

I love how you hold me. I love how you tell me I am beautiful. I love how you find it funny when I say something stupid or just can't speak when I am around you. I love how you make me happy. I love how you smile when I see you. I love how you love when I say something random, or stupid. I love how you ask me if I am alright when I can't stop laughing. I love how you make me feel. I love how you tell me I look cute. I love how we can talk about randomness for hours. I love that you want to stay up and text me late into the night. I love how you say sweet things to me. I love how you whisper in my ear then we had. I love how you squeeze me so hard when I hug you. I love how I can talk to you for hours about anything, and you listen, and I listen. I love how you want to spend everyday with me. I love how you care my hand. I love how you hold me when we hug. I love how I get a feeling of protection when I am around you. I love how everything is perfect. I love how you see the person I really am. I love how you make me cry, but not because I am upset or sad, or you hurt me, but because you make me happiest I've ever been. I love waking up and talking to you. I love how I anticipate seeing you. I love how I get nervous when I see you, but feel more comfortable with you than I do with anyone else. I love how you deal with my random thoughts and craziness. I love how you give me weird at awkward moments. I love how I am important to you. I love how I am your first choice. I love how I make you happy. I love how you make me happy. I love how I worry about you and the dumb stuff you do. I love how I constantly think about you. I love how I'm yours. I just love...as. I love everything about **you.**

Adithya G
S4 AI





Alumni Meet 2K23





CSE 18-22



CE 18-22



ME & MEP 18-22



ECE & EEE 18-22



CC
MITH

Memories











Memories





MAHASYA

*Optimism is the faith that leads to achievement.
Nothing can be done without hope and confidence*

— HELEN KELLER



MAHAGURU INSTITUTE OF TECHNOLOGY

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