MIT
MAHAGURU INSTITUTE OF TECHNOLOGY

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TECHSTIA

THE WRANGLE OF TECHNOPHILES

MAHAGURU INSTITUTE OF TECHNOLOGY
A MAGAZINE OF DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Sree Narayana Guru

" Become enlightened, through Education
Become strengthened, through Organization
Become prosperous, through Hard work "

MAHAGURU INSTITUTE OF TECHNOLOGY

Approved by AICTE and Affiliated to APJ Abdul Kalam Technological University

Accredited by NAAC with B+ Grade

MISSION & VISION

VISION

To provide quality education, research and development with human values to mould globally competent and qualified computer science and engineering professionals with creative skills.

MISSION

- Provide the quality education through value added course, theory and practical session for developing creative and innovative problem solving skills.
- Promote learners in entrepreneurship activities, placement and higher studies.
- To inculcate ethical and professional values and encourage moral values of social commitment among students.

Dr. Manju J

PRINCIPAL

Dear Students,

"Success comes to those
who work hard and stays with those,
who don't 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 Computer Science Engineering Department students are bringing out college magazine "TECHSTIA", such activity brings out the creativity of the students and helps them learn valuable lessons of cooperation, leadership and team work. "TECHSTIA" 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

Prof. Dr. Arun Elias

DEAN (ACADEMICS)

Dear Students,

It gives me great pleasure to write to you in the pages of TECHSTIA, magazine of Computer Science department, of Mahagru Institute of Technology. As the Dean of this prestigious institution, I take immense pride in the achievements of our students, faculty, and staff.

Over the past year, despite the challenges posed by the pandemic, we have witnessed remarkable resilience, adaptability, and innovation. Our faculty members have risen to the occasion, delivering engaging online lectures and conducting impactful research in various fields. Our staff members have ensured the smooth functioning of the institute, from maintaining the infrastructure to providing essential services to the students. And our students have demonstrated their intellectual curiosity, creativity, and social responsibility, participating in various extracurricular activities and community service projects.

I am confident that the skills and knowledge that you have acquired at Mahagru Institute of Technology will enable you to make a positive difference in the world. Whether you choose to pursue further studies, start your own venture, or join the workforce, I urge you to continue learning, exploring, and growing. Remember that the journey of education is a lifelong one, and the challenges and opportunities that lie ahead are numerous.

On behalf of the entire faculty, staff, and administration of Mahagru Institute of Technology, I congratulate you on your achievements and wish you all the best for your future endeavors.

Arun Elias
Dean, Mahagru Institute of Technology

Suma S G

HOD

Dear Students,

It's an immense pleasure to present the department magazine for this year. The Computer Science and Engineering department is a dynamic and vibrant department with a blend of young and experienced Faculty.Department takes the initiative to improve the soft skills, analytical capabilities and verbal communication of the students so that they can face the competition in the corporate world confidently. To meet the objectives, the department pays special emphasis on teaching and hands-on practical work. Students exhibit their innovative ideas, skills and potential as final year projects.

Department is actively involved in academic as well as research work in current areas of Computer Science and Engineering and multi-disciplinary streams. The department actively conducts various activities in association with CSI chapter, ISTE,ICFOSS and other club activities. I hope that this magazine will serve the purpose of reflecting all the activities of the department and I wish good luck to the entire team of editors and look forward to your kind patronage of our magazine.

Suma S G

Sreelekshmi B

STAFF EDITOR

Dear readers,

As a staff editor of our student magazine TECHSTIA, I am thrilled to present to you the latest edition of our publication.

"TECHSTIA" is a platform for students to showcase their knowledge and understanding of technology. In this issue, we have articles on a wide range of subjects, including artificial intelligence, cybersecurity, blockchain, and more.

Our magazine is a reflection of the creative and intellectual energy of our student community, and we are grateful for their contributions. I would also like to thank our editorial team, who have worked tirelessly to bring this edition to life. As an Assistant Professor, I believe that the magazine is an excellent platform for students to develop their writing and communication skills. It also provides them with an opportunity to express their thoughts and ideas on a wider platform.

In conclusion, I hope you enjoy reading this edition of our magazine. We welcome your feedback and suggestions, and we look forward to continuing to provide you with quality content in the future.

Sreelekshmi B

Nikhil Ashok

CHAIRMAN

Dear readers,

As the chairman of the student magazine committee, I am pleased to present to you the latest edition of our magazine, "TECHSTIA".

The purpose of our magazine is to provide a platform for the students of our esteemed institution to express their thoughts and ideas on a wide range of topics. In this issue, we have some interesting articles on various subjects, including technology, education, politics, and sports.

One of the highlights of this edition is our feature on the impact of the pandemic on the education system. The pandemic has brought about unprecedented changes in the way we learn and teach, and our writers have shared their views on the challenges faced by students and educators alike.

We also have some inspiring stories of students who have overcome obstacles and achieved success in their respective fields. These stories serve as a reminder that with hard work and determination, anything is possible.

Our magazine is a reflection of our readership, and we welcome feedback from our readers. We strive to provide content that is both informative and engaging, and we hope that our readers find this edition to be a valuable source of information and inspiration.

I would like to take this opportunity to thank the team of writers, editors, and designers who have worked tirelessly to bring this edition to fruition. Without their hard work and dedication, this magazine would not have been possible.

In conclusion, I hope you enjoy reading this edition of our magazine. We look forward to hearing from you and to continuing to provide you with quality content in the future.

Nikhil Ashok
Chairman, Student Magazine Committee
Mahaguru Institute of Technology

Sachu P

CHIEF EDITOR

Dear readers,
As the chief editor of our student magazine, I am proud to present to you our latest edition of the Mahaguru Institute of Technology Magazine "TECHSTIA".

As we navigate through the challenges posed by the ongoing pandemic, it is essential that we continue to engage in meaningful conversations and discussions. Our magazine aims to provide a platform for the students of our esteemed institution to express their thoughts and ideas.

In this edition, we have some interesting articles on a wide range of topics, including the impact of technology on education, the role of social media in shaping public opinion, and the importance of mental health in student life. We also have some exciting interviews with prominent figures from various fields who share their insights and experiences with our readers.

One of the highlights of this edition is our feature on the success stories of some of our alumni who have gone on to achieve great things in their respective careers. It is heartening to see our graduates making a mark in their chosen fields, and we hope their stories inspire our current students to strive for excellence.

As always, we welcome feedback from our readers, and we encourage you to share your thoughts and ideas with us. We believe that a magazine is a reflection of its readership, and we are committed to providing content that is both informative and engaging.

I would like to take this opportunity to thank our team of writers, editors, and designers who have worked tirelessly to bring this edition to fruition. Without their hard work and dedication, this magazine would not have been possible.

In conclusion, I hope you enjoy reading this edition of the Mahaguru Institute of Technology CSE Department Magazine. We look forward to hearing from you and to continuing to provide you with quality content in the future.

Sachu P
Chief Editor
Mahaguru Institute of Technology

Pooja Shibikumar

ASSOCIATE EDITOR

Dear readers,

As the Associate Editor of our student magazine, I am delighted to present to you the latest edition of our publication.

Our magazine is a platform for students to showcase their creativity and express their views on various topics. In this issue, we have articles on a diverse range of subjects, including technology, fashion, music, and art.

One of the highlights of this edition is our feature on the impact of social media on our lives. Social media has transformed the way we interact with each other, and our writers have shared their perspectives on its positive and negative effects.

We also have an interview with a prominent artist who shares her journey and experiences in the art world. Her insights provide valuable lessons for students who aspire to make a career in the creative fields.

Our magazine is a team effort, and I would like to thank the writers, editors, and designers who have worked hard to bring this edition to fruition. Without their dedication, this magazine would not have been possible.

As always, we welcome feedback from our readers. We strive to provide content that is relevant, informative, and engaging. Your feedback helps us to improve the quality of our publication and meet the expectations of our readers.

In conclusion, I hope you enjoy reading this edition of our magazine. We look forward to continuing to provide you with quality content in the future.

Pooja Shibikumar
Associate Editor

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Faculties like family

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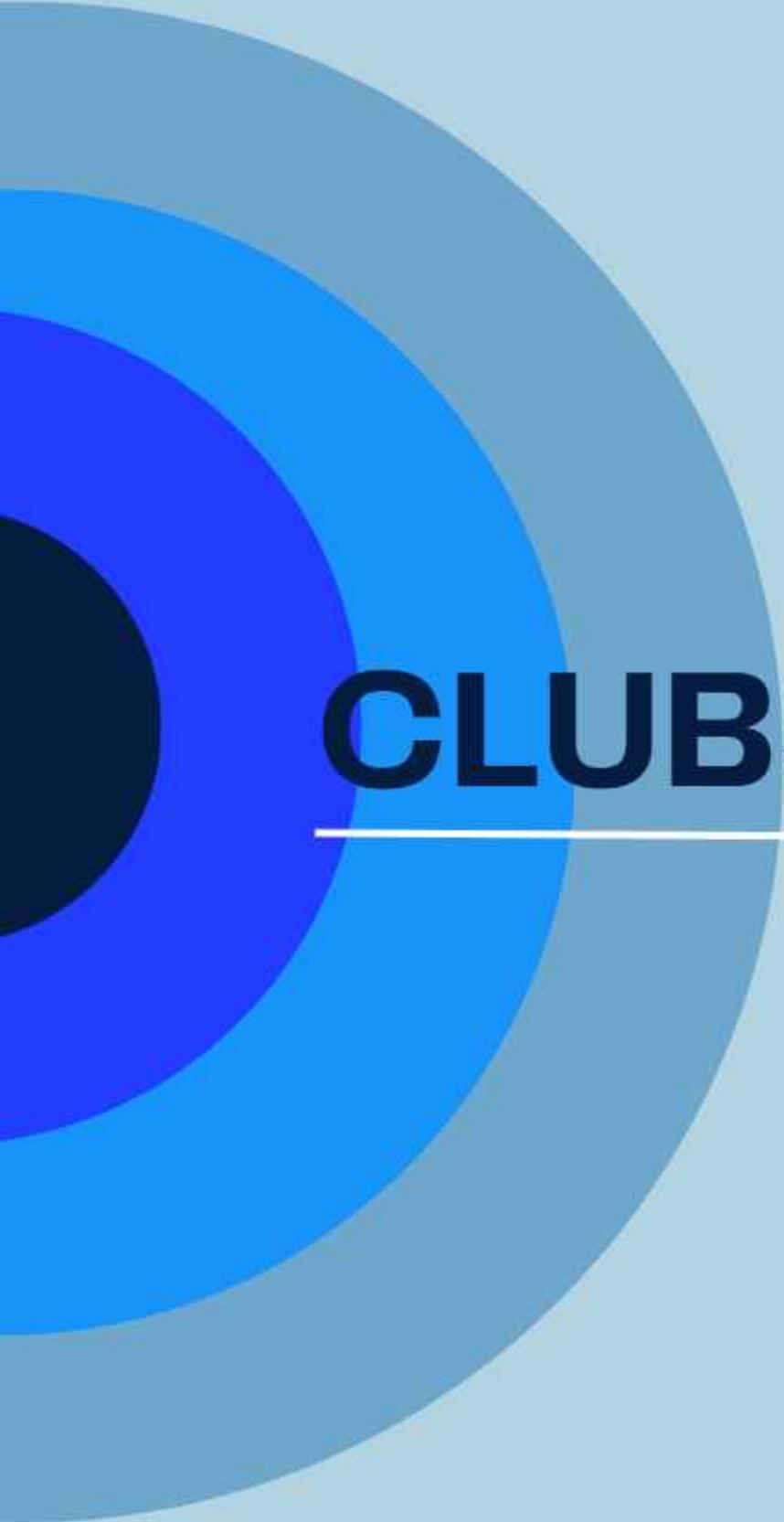**POOJA SHIBIKUMAR**

MAGAZINE NAME

MRINAL M PRASAD

MAGZINE COVER

DARSH S KUMAR

MAGAZINE LAYOUT
DESIGNER

MIT.

CLUBS

crafting life long learning

Music Club

Music club is very active in our department. It equips the singers and music enthusiasts with enough opportunities for the rejuvenation of their talents. 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.

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

Drawing Club

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 colors and creativity, displaying to plain sight what does not really exist. There is something lovely around a clear canvas.

Women's Club

The primary objective of women's clubs in colleges is to create a safe and inclusive environment for women. They provide a space for women to engage in discussions on a wide range of topics, including women's issues, social justice, and gender equality. They also organize events and workshops on topics such as leadership, professional development, and personal growth.

ECO Club

Environmental Education, Awareness and Training plays a significant role in encouraging and enhancing people's participation in activities aimed at conservation, protection and management of the environment, essential for achieving sustainable development. Eco club is one of the many important activity clubs of our institution.

Media Club

Media club plays a great role in making students explore their interests in various forms of media, including film, photography, editing etc. These clubs offer a platform for students to learn, create, and share media content with their peers and the wider college community.

Coding Club

Coding club in our department is a great way for students to explore their interests in computer science, programming, and technology. This club offer a platform for students to learn, create, and share coding projects with their peers and the wider college community.

Sports Club

The sports club of our department brings together students who have a shared interest in sports and physical fitness. Members of the club typically participate in a variety of sports and activities, including but not limited to cricket, volleyball, football, and kabaddi.

KEERTHANA S4,CSE

AKHILA

S4,CSE

SIBIN SK   S6,CSE

BHAVANA BIJU   S4,CSE

ADHYA DAS   S6,CSE

SIBIN SK   S6,CSE

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NEHA DATHA PRADEEP   S6,CSE

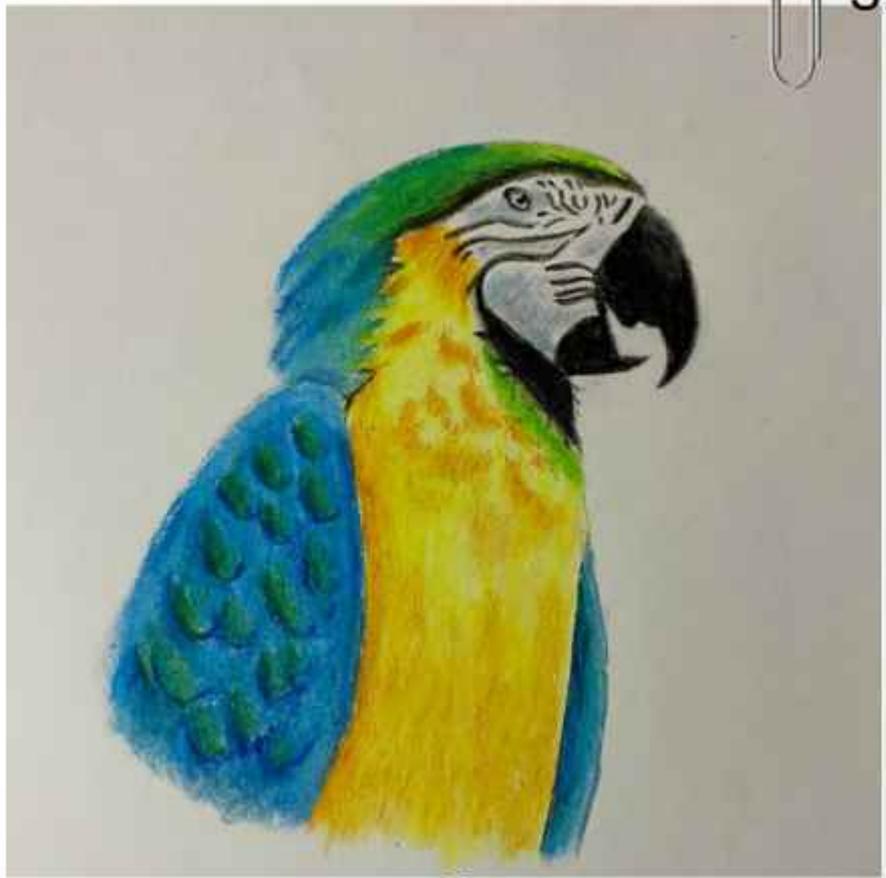SIBIN SK   s6,CSE

SNEHA SURENDRAN
S4, CSE

SIBIN SK   s6,CSE

ANJALI
NAMBOOTHIRI S4,CSE

ANUSREE A

S4,CSE

DEPARTMENT

2019-2023

CSE 19-23

MIT.

S 8 CSE

S 6 CSE

S 4   C S E

S 4   A I

MIT.

POETRY FOR THE SOUL.

My Mother,My soul

You are my heart and soul
Thank you for standing by me through thick and thin
for not giving up on me when I didn't win for your patience
when i kept pushing you away For caring when I said I didn't
need you anyway
I am grateful knowing
I can count on your strength
Ask for your support, and know you'll
go to any length
When I lose my way
you help me get back on track
When in pain
Your comfort soothes and brings me back
I am lucky because....
When I was sad you gave me faith and hope
When I was confused you taught me how to cope
When I felt I couldn't go on
You carried me long miles
When I didn't believe You restored my smiles
Mom, thankyou
for your guidance and the faith you've shown for giving me a safe
place where I have grown for
showing me how to strive Because of your love
I will survive

Abhishek

S4 AI

Biological Clock

There's something special 'bout that time of the month
When the blood comes gushing out like a faucet
It's like my body is trying to tell me something
That I'm not quite ready to hear

But even though it's a pain in the ass
I know that it's a natural process
And it's nothing to be ashamed of

So even though I may moan and groan
And curse the day that I was born
I know that deep down I'm thankful
For this reminder that I'm a woman

Shukhaira Beegam T
S8 CSE

Mind Of Love

Mind is some thing
That makes every thing.
It is the key of feelings
That makes thrilling.
Love is there in every thing
That makes every thing.
It is the feelings of mind
That makes us kind.
Mind is like a flower
That blooms but never falls.
Love is beautiful Petal of this flower
That makes it a true flower.
Mind is like a rainbow
That shines but never fades
Love is the colour of this a rainbow
That makes it brighter.
Mind is something,
That makes every thing.
But Love is every thing.
That makes every thing.

Abhiram G Krishnan
S4 AI

Positive thoughts

I wake up each morning
With a smile on my face
I am thankful for all I have
And I am ready to face the day
I am surrounded by love
And I know that everything will be alright
I am strong and capable
And I will achieve all my goals
I am grateful for my life
And I am filled with positive thoughts
I am ready to take on the world
And I know that I can achieve anything
I am positive and optimistic
And I know that good things are coming my way
I am grateful for each and every day
And I am filled with positive thoughts

Anagha .P
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

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

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   Aadhya Das
too slow....   S6 CSE

My school My pride

My school.... My pride...!
Where we had a wonderful school ride.....!
We read, we write
And make our future bright....!
We learnt to respect...!
Not to neglect...!
We learn to accept....
Not to expect...
We laugh, we cry
We play, we study
With our best buddy...!
Respect elders, obey parent
Become sincere and punctual
Is the habit we learn......
And that is why we call...
" My school, My pride".

Priyanka P
S4 AI

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

Dreams are always better than real

I want you to love me
Just one more day
And let me feel those nice
feelings once again
Let me forget that you have already went away
cause that will make me go insane
Let me love you one more day
To give you more love
that may make you stay
Come back to my life once again appear
Stay in my heart come near
Remove this fear
Let us fall in love once more
And from this dream don't make me awake
Don't say goodbye
Don't close the door
For heaven's sake
You were the sweetest dream
I know
Dreams are always better than real
Dreams always bring sun beam
Real puts you in prisons of steel

Nandana NB
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

You Can

If you think you're beaten, you are...
If you think you dare not, you don't...
If you like to win...but think you can't...
It's almost a cinch, YOU WON'T !!

If you think you'll lose, you're lost...
For out in the world you'll find...
Success begins with a fellow's will...
It's all in a state of mind.

If you think you're outclassed, you are... You've got
to think high to rise....
You've got to be sure of yourself before...
You can ever win the prize.

Life's battles don't always go...
To the stronger or faster man.....
But sooner or later the one who wins...
IS THE ONE WHO THINKS HE CAN !!!

Nayana
S4 CS

Avoid Tension

The moment you have tension
You will lose your attention
Then you are in total confusion
And you will feel irritation,
Then you spoil personal relation
Ultimately you won't get co-operation,
Then you make a complication
And you have to take meditation,
Instead of understand the situation,
Which will work out better in your profession.
And try to think about the solution,
Many problems will be solved by discussion,
Don't think that it is my free suggestion
It is only for your prevention
If you understand my intention
You will never have any tension
Do meditation to reduce tension
If you have good intension
You will never face tension?

Aiswarya S Ajith
S4 CS

Be Strong

"Don't you think you're strong?
Going through heart breaks more than once.
To reach to an extent of being skeptical
and somehow managed to trust again
only to get broken in repeat.
You don't believe in anyone anymore,
you've cut ties and made a promise
to never let anyone in yet you're looking to be
loved,
looking to be touched, somewhere deep down you
still want to take the same path,
make the mistakes even if you're afraid.
You take the step and everything goes beautiful
until you hit a wall.
It's not the same anymore,
it's the past you ran away from repeating itself
again.
You're hurt again and you're afraid again.
But you'll pull through it, just like you did before!

Lekshmipriya
S4 CS

An Ode To The Beautiful College Days

Sweet were the days
of semester one,
gossip, ragging, classes,
and so much fun.
Together we spent
those sleepless nights
that drama before exams,
those endless fights.

Before we got used to it,
time all but flew
the holidays were over
and it was semester two.
Attendance was a problem
but we learned to co-operate
proxies became a thing
much to the prof's hate.

Parvathy S Pillai
S4 CS

കണ്ടതും കാണാത്തതും

നിശബ്ദമായ ദൈവത്തിനും
ചിരിക്കാത്ത കാണിക്കവഞ്ചിക്കും
നേരെ കണ്ടക്ടർ നാണയത്തുട്ടുകൾ
എറിഞ്ഞു കൊടുത്തു

വലിയ വായിൽ ചിരിച്ചു
ചുളുങ്ങിയ തകരപാത്രത്തിനും
കൊടും വെയിൽ മുലപ്പാൽ
കുടിച്ചുറങ്ങുന്ന കുഞ്ഞിനെയും
ഞാനടക്കം മൗനിച്ചില്ല

Shukhaira beegam T
S8 CSE

നിനക്കായ്

അടരുവാൻ ആകില്ല നിൻ നെഞ്ചകത്തിൽ നിന്നും ഒരു
ജന്മം..

നിനക്കായ് ഞാൻ നെയ്ത് കൂട്ടിയ പട്ട് തോൽക്കും
കിനാക്കൾ ചിറകുകളാൽ നിന്നെ പുൽകുന്നുവോ

നിനക്കായ് തപിക്കുമെൻ നേത്രങ്ങൾ നിന്നിലേക്ക്
എത്തുവാൻ വെമ്പുന്നുവോ..

അകലങ്ങളാൽ തളരാതെ എൻ പ്രണയപുഷ്പങ്ങൾ
സുന്ദരമായി വിടരുന്നുവോ..

ഇനിയും എത്ര പകലൊളികൾ നിൻ മൗനത്താൽ ഞാൻ
മുറിവേൽക്കണം...

അകലുംതോറും അടുക്കുമെൻ ഹൃദയക്കൂട്ടിൽ നിന്നും
നിനക്ക് മുക്തി ഇല്ല പ്രിയാ..

ആയിരം ജന്മങ്ങൾ പുനർജനിക്കാം ഞാൻ..
നിന്നാക്കായി.. നിൻ പ്രിയ പാതിയായി...

Pooja Shibikumar
S8 CSE

It's A Life Worth Living

It's a life worth living; Yes! Some
moments turned up and I thought of
giving up; I wished if I had wings, I
could fly away... away from this crowd,
away from those similar faces.

The more I rushed, the more anxious I was,
I was tired and looked around.. That same place, those same
familiar faces, those same boring
pages of my life....... But I found
something special!
I found a God full of love and
tenderness. I doped out some souls,
not many. I was heartstricken... That
caused a change in my perspective..

It's a life worth living! ❤ At least there is a Loving God and
some loving souls which He created
around us. So why should I think
of flying away!?

Why to race to find peace if
THE PEACE itself came down for you!

Lekshmipriya

S4 CS

ARTICLES FOR THE MIND.

THE FORMULA FOR WINNERS

SREELEKSHMI RAMACHANDRAN S4 AI

You know that to stay committed and excited about achieving a goal, the goal must first be exciting. Baby goals don't have to whip up any adrenaline to even get you started, much less accomplish anything powerful. Yet I've read so many articles that say "you should set small, realistic goals that are easy to reach so you won't be too stressed or too disappointed if you fail". And haven't you heard many peo ple's advice "Don't expect too much from yourself, or you will be disappointed". Sure! Setting small and easy goals won't stress or disappoint you. But know what else? Neither will they excite, inspire or drive you. Little wonder that we look at resolutions and goals and do nothing. Yet many still set impotent goals and resolutions. It's because we all fear failure! And that's really what stops most people from going for big, exciting targets. It's this fear of failure that immobilizes and stops us from trying. Many dreams and aspirations have been totally buried under an avalanche of fear. Worse than abstract fear of failure is the real fear of having failed before. So where does that leave you? After all, nobody likes to fail, and fear of doing so is pretty deeply ingrained. Failure sure dents the ego and sets off a chain reaction of fear to try again. My answer is try this first. There's probably a whole lot of things you'd love to have; from getting straight A's to a date with someone you're really keen on but just never dared to try or even hope for. But what if you could never fail? Would you go for it? Take out a piece of paper and list the things you want if you knew for a fact you could never fail. If you've finished listing the things read on. If not, go do it right now. know that to stay committed and excited about achieving a goal, the goal must first be exciting. Baby goals don't have to whip up any adrenaline to even get you started, much less accomplish anything powerful. Yet I've read so many articles that say "you should set small, realistic goals that are easy to reach so you

won't be too stressed or too disappointed if you fail". And haven't you heard many people's advice "Don't expect too much from yourself, or you will be disappointed". Sure! Setting small and easy goals won't stress or disappoint you. But know what else? Neither will they excite, inspire or drive you. Little wonder that we look at resolutions and goals and do nothing. Yet many still set impotent goals and resolutions. It's because we all fear failure! And that's really what stops most people from going for big, exciting targets. It's this fear of failure that immobilizes and stops us from trying. Many dreams and aspirations have been totally buried under an avalanche of fear. Worse than abstract fear of failure is the real fear of having failed before. So where does that leave you? After all, nobody likes to fail, and fear of doing so is pretty deeply ingrained. Failure sure dents the ego and sets off a chain reaction of fear to try again. My answer is try this first. There's probably a whole lot of things you'd love to have; from getting straight A's to a date with someone you're really keen on but just never dared to try or even hope for. But what if you could never fail? Would you go for it? Take out a piece of paper and list the things you want if you knew for a fact you could never fail. If you've finished listing the things read on. If not, go do it right now.Now look at the list of things you've written. Is it filled with things that you would normally never have bothered to think about seriously or even dared dream about, let alone write them down? The reason you're willing to take action is because I told you at the start you couldn't fail.

The bottom line is that fear of failure is what prevents you from taking action. Action that could lead you to success. Think about this again; if you don't try you've failed already. But taking action presents a whole new possibility to you. We're usually conditioned to see failure as a disability so it makes sense that it disempowers us. Failure equals "I'm not good enough". We feel disappointed and lousy. The result is we stop doing anything that can spell possible failure. But successful people see failure as "a result of feedback" that does not match their goal. To them, failure does not mean incapable but rather an indication that they were taking the wrong approach or using the wrong technique! To them failure in the traditional sense does not exist. They cannot fail, because failure merely means an unintended result that can be changed. Seeing failure this way takes away its sting and makes it powerless. Think how empowering it would be if you perceived failure this way. You would never "fail". You could live your life with passion. You would attempt things that normally will have you paralyzed with fear of failure. The way to get around the fear of failure is to see it in a different way. A positive way to view failure is to see it as nothing more than a result you get that dosen't match your goals. Use fail ure like a compass that tells you where you are and how far you have to go to get what you want. Failure is not an end result, but just an indicator of how far (or near) you are to achieving your goal..

Formula (very simple) Winners Use

1. Set a specific, big and exciting goal.
2. Devise a plan of action to achieve the goal.
3.Take consistent action according to your plan.
4. When you get a result, see if it matches your goal.
5. If you don't succeed, treat it as merely an outcome that did not match your goal. Remember "failure" is only an indication of how far or near you are to your goal.
6. From a negative result, ask yourself, "Why did I get this result. Analyse where you went wrong, change or modify your strategy.
7. If neccessary, keep changing strategy and approach till you reach your goal.
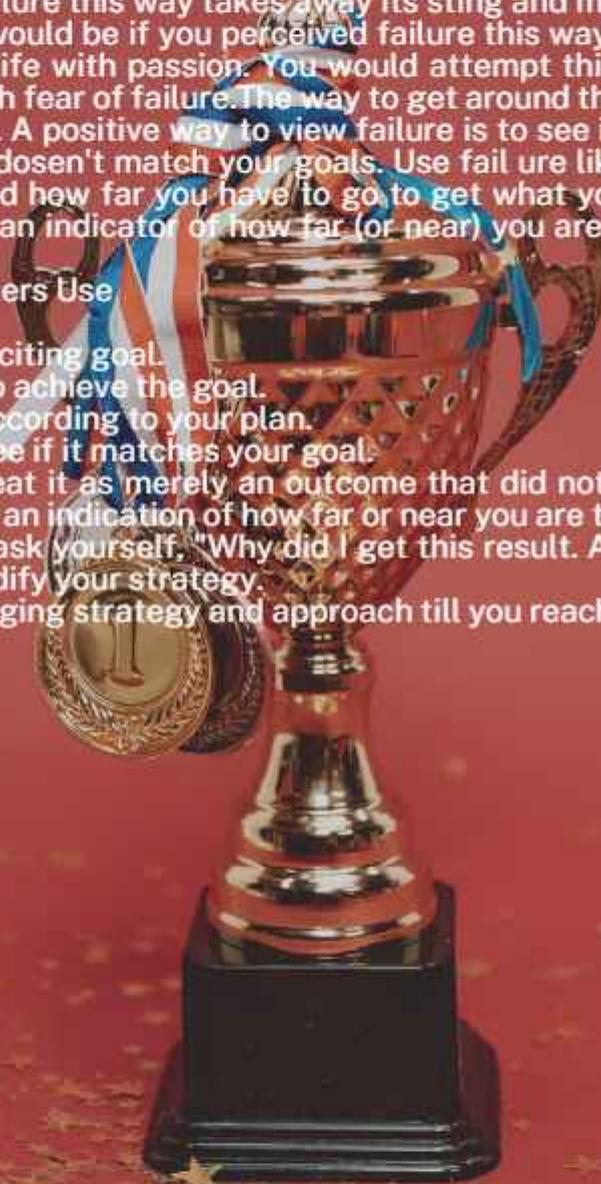
COMPUTER ARTIFICIAL INTELLIGENCE TECHNOLOGY IN IMPROVING THE QUALITY OF ENVIRONMENTAL DESIGN

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The rapid development of modern information technology has made virtual reality technology gradually. The ability of virtual reality technology to deconstruct space data and visual imaging capabilities has improved the prospects of computer artificial intelligence virtual reality technology in indoor space design. This paper uses virtual reality technology in the indoor space of the Internet of Things smart home to study the application of virtual reality technology in the performance of indoor space design, through the deconstruction of virtual reality technology in indoor space and the improvement measures in virtual reality in environmental art design Research and explore the new ideas and new methods that virtual reality technology brings to many aspects of indoor space, and clarify the development prospects of virtual reality technology in environmental art design

THE NEW EMERGING WOMEN-POWER: GROUND REALITIES

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Gender issues and 'women-empowerment' has become the new buzzword across the globe in the last few decades. The increased familiarity with this term has resulted in the slow transformation of most of the ideologies that have justified inequalities in the social structures for the past so many years. The emerging debates that surround the concept of 'empowerment' have had considerable effects on the well-established roots of the institutions that provide support to the existing power structures such as family, state etc. Women have started to become aware of the limitations and confines of the territories within which they have been placed all these years. They have demanded control over their own bodies, equal spaces in the social institutions and an acknowledgment for their identity. Last few years have witnessed a sharp increase in the strategies of women's development by the state in order to eliminate the gender gaps in the work opportunities, political participation, health facilities and distribution of resources.

India as a nation has taken significant steps to fill the gender gaps existing in the societies here. The constitution of India provides equality of employment opportunity, voting rights and equal pay for equal work. It lays great emphasis on the dignity of women and constitutes several pro-visions like maternity reliefs to maintain a gender-sensitive environment at the workplace. Government schemes like 'Beti bachao-Beti padhao', 'janani suraksha', intend to ensure the better health care and education facilities. Policies like 'New National Policy for Women' endeavour to follow the 'so-cially inclusive rights-based approach' for the women empowerment. Apart from this, the introduction of Gender Budget Statement promises a just distribution of resources in the country across gender divisions as well.

The past decade has also experienced an expansion of the definitions of terms like 'rape' and 'violence' in the legal context. Law has enlarged its frame in order to bring the exploitation of women in private and public sphere through the formulations of laws like Protection of Women from Domestic Violence Act, 2005' and 'Sexual Harassment of Women at Work Place (Prevention, Prohibition & Redressal) Act, 2013'. Institutions like the National Commission for Women have been formed to identify and register the cases of oppression faced by women. Ministry of Women and Child Development is specifically dedicated to addressing the issues, policies and their implementations related to the women and children in the country.

India has observed immense changes in its socio-political and economic conditions by the introduction of these measures as well as under the impact of globalization and technological advancements. Census 2001-2011 has recorded a significant rise in the literacy rate of women. The expansion of the service sector has generated fresh work opportunities for women. To a large sextent, equality in the wages and participating roles among the women and men can be seen in the urban areas. It is in these areas that the phenomenon of 'emerging women power' is being most acutely observed.

Women are dominating the key positions in many fields that were earlier denied to them. The emergence of women to the strategic positions in the social structures has given way to a relatively better understanding and identification of the oppressive practices. However, these transformations seem to be insignificant when compared to the number of issues that continue to degenerate the conditions of women in the society. Also, new challenges have emerged that impede the holistic development of women.

Crime against women has been on the rampant rise in the country along with the growth in the number of career-oriented women in the professional space. Cyber crimes such as sexual harassment and molestation of women through the internet and mobile devices have gone up along with the technological development in the country. As the nation basks in the various scientific and economic

MULTINATIONAL CORPORATIONS: SAVIOR OR SABOTEUR

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In 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 Sovald i, 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 live 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 MNC s s have existed at least for the past four th to five centuries. East India Company, the English trading company that grew its influence in India in the 17 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 a nd 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 chea p labor along with market for selling the finished goods.

Therefore such difference in availability of resources, skills, markets etc., caused not only by georeasons like imperialism and colonialism, has meant that comp political reasons but by historical anies 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 de cades 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 capitalto invest in developing countries. Such capital can be of utmost use in developing economies where capital is scarce and where tremendous growth opportunities exists. Therefore it becomes a wincountries win situation for both the MNCs and the developing 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 develop ing 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 sources 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 war.

LESS SOCIAL MORE MEDIA
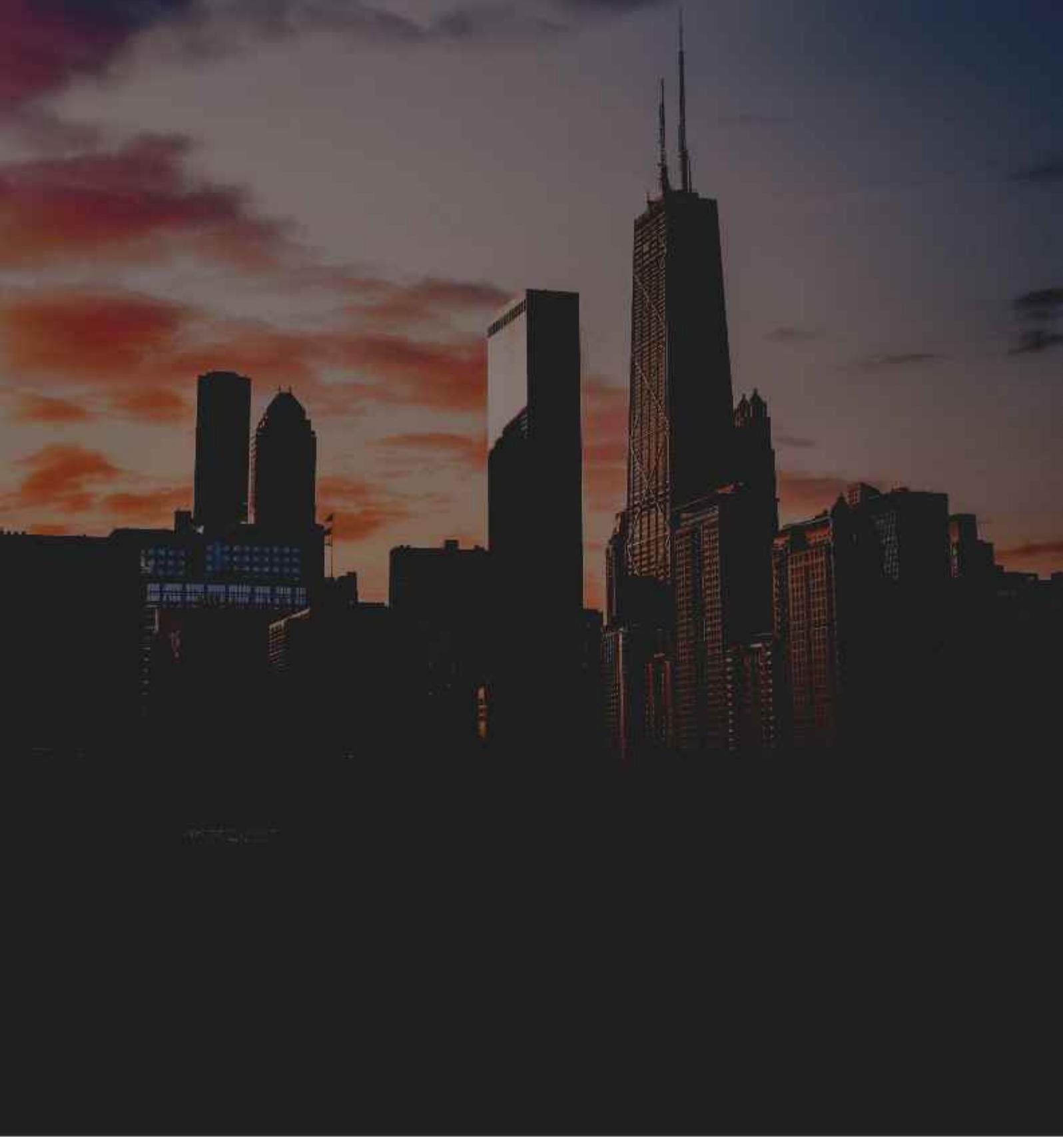
ANANTHA KRISHNAN
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Socialization is the lifetime process of acquiring and disseminating norms, conventions, and ideas. The use of social media has now become so important for the new generation that it has become an addiction that is difficult to recognize, so in this contrast, the older generation feels a sense of satisfaction and contentment at having been born in an era when something other than technology defined the social and recreational lives of the children of that time. We are attempting to become more socialized through media, yet the media is expanding, and individuals are essentially being trapped within a room. The younger generation is entirely relied on social media. Social media is basically the primary source of getting information in the present scenario while in the 90's newspapers were the primary source of information. Reading the newspaper is a habit parents have instilled in us. The primary source of reliable news was regarded as newspapers and television news. Doordarshan was the most famous and reliable TV channel in the 90's, compared to the 24-hour news networks of today, which lack any meaningful content and are occupied with playing outside in the real world. Social media is basically an outcome of technological advancements.

Every technological advancement brings advantages along with disappointments. It is on the awareness of the users how advantages can be maximized, and disadvantages minimized. 90's is the time when there was no Internet and single-screen theaters were common. So, circumstances at that point were not conducive for the growth of social media. Rotary landline phones were found in every home feature, phones were considered a luxury, and our identity was determined by what we did in the real world. The 90's generation often feel an awkward generation gap with younger generations.

Social media created a virtual word which runs parallel to the real word. In contrast if we talk about socialization then there are two kinds of socialization that exist the one is real socialization and other is the virtual socialization. Technological innovation brought with itself the heat of change. A person who is able to adopt the stream of change will survive and advanced in future.

We molded ourself with change in time and time advanced with technology. We also adapted to ourself with changing technology and evolving social media life. Simple landline advanced in to cellular phones and it gives way to multimedia phones which ultimately culminated in to proliferation of smart phones. The origin of smart phones has given way to social media advancement.

Impact of social media we can observe in every sphere of life. Social media is used by the for popularity. Ministers, Bureaucrats and several higher ranked government officials are proactively using social sites and social media to popularize their works and trying to establish themself as highly efficient professionals who are working more efficiently as an administrator to resolve the suffering of others. While the main purpose of using social media to popularize himself as an efficient administrator because it will be beneficial for them as per future is concern.

Billions of people are now creating and sharing massive amounts of data with one another. This gives people a sense of being associated instead of feeling lonely. When you consider developing a social media strategy for your company, the following platforms are likely to spring to mind: Facebook, Instagram, Twitter, and YouTube etc.
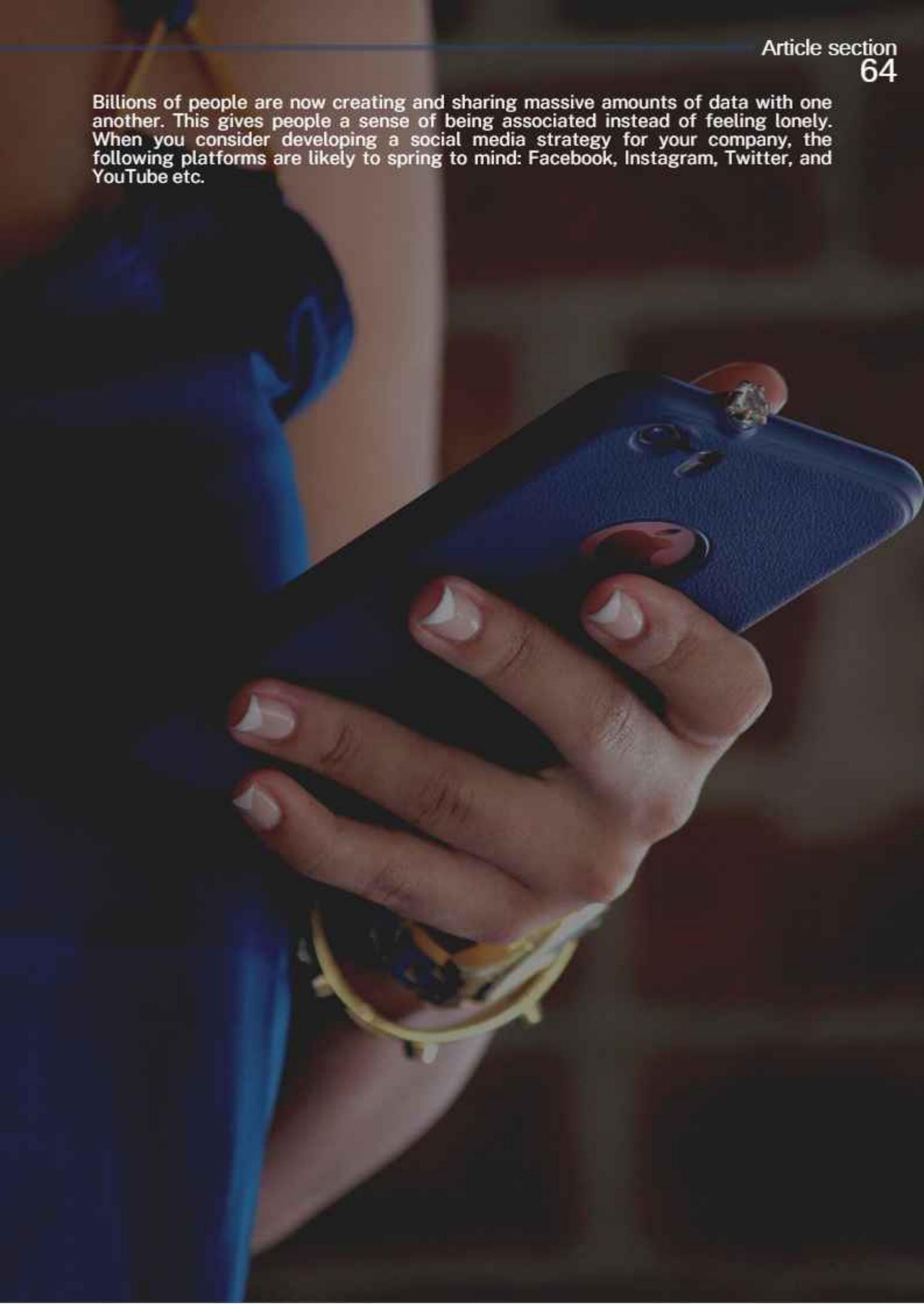
WIRELESS COMMUNICATION IN DATA CENTERS: A SURVEY

M E E N U S
S 6 C S

Data centers (DCs) is becoming increasingly an integral part of the computing infrastructures of most enterprises. Therefore, the concept of DC networks (DCNs) is receiving an increased attention in the network research community. Most DCNs deployed today can be classified as wired DCNs as copper and optical fiber cables are used for intra- and inter-rack connections in the network. Despite recent advances, wired DCNs face two inevitable problems; cabling complexity and hotspots. To address these problems, recent research works suggest the incorporation of wireless communication technology into DCNs. Wireless links can be used to either augment conventional wired DCNs, or to realize a pure wireless DCN. As the design spectrum of DCs broadens, so does the need for a clear classification to differentiate various design options. In this paper, we analyze the free space optical (FSO) communication and the 60 GHz radio frequency (RF), the two key candidate technologies for implementing wireless links in DCNs. We present a generic classification scheme that can be used to classify current and future DCNs based on the communication technology used in the network. The proposed classification is then used to review and summarize major research in this area. We also discuss open questions and future research directions in the area of wireless DCs.

RESEARCH ON THE CONSTRUCTION OF FUSION SYSTEM IN THE FIELD OF VIRTUAL REALITY TECHNOLOGY AND INDUSTRIAL DESIGN

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DIn order to realize the integration and development of virtual reality technology and industrial design field, and to promote the development of industrial design field towards intelligence and modernization, this paper puts forward a novel construction method of integration system of virtual reality technology and industrial design field. This construction method combines not only virtual reality technology, but also a variety of science and technology, such as Internet technology, sensor technology, big data technology and so on. In addition, the construction method can be applied to many aspects of industrial design, such as demand analysis, conceptual design, product detailed design, manufacturing, product design evaluation and so on. The research results show that the construction method can not only promote the integration and development of virtual reality technology and industrial design, but also improve the work efficiency and information level in the field of industrial design.

SELF CONFIDENCE

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Self-confidence is an important thing in life. It's what allows us to take risks, seize opportunities and face challenges head-on. It's what allows us to pursue our dreams and reach our goals . Without self-confidence, we would be stuck in the same place, never moving forward or taking chances. We would be too afraid to try new things or step outside our comfort zones.Self-confidence is something that we can all work on and improve. Here are some tips to help you boost your self-confidence:

1. Set realistic goals for yourself.
 If you set your sights too high, you're only setting yourself up for disappointment. Start small and gradually work your way up.

2. Acknowledge your accomplishments.
 Don't downplay your successes or brush them off as luck. Recognize your achievements and give yourself credit where it's due.

3. Be prepared.
 If you go into a situation feeling underprepared, it will show in your body language and attitude. Do your research, practice what you're going to say or do, and go in with confidence.

4. Visualize success.
 Before a big meeting, presentation or interview, visualize yourself succeeding. See yourself nailing it and impressing everyone in the room. This positive visualization will help increase your confidence.

5. Fake it 'til you make it.
 If you don't feel confident, fake it until you do. Put on a brave face and act like you belong. This positive attitude will eventually become genuine confidence.

6. Dress the part.
 How you dress can affect your level of confidence. If you look good, you'll feel good. Wear clothes that make you feel attractive and powerful.

7. Stand up straight.
 Your body language sends strong messages about your confidence level. Stand up straight, make eye contact and keep your head held high.

8. Speak slowly and clearly.
 When you're nervous, you might speak quickly and start to mumble. Slow down and enunciate your words to project confidence.

9. Smile.
 Smiling is another form of body language that conveys confidence. It makes you appear friendly and approachable.

10. Practice positive self-talk.
 What you say to yourself has a big impact on your confidence. Be mindful of your inner dialogue and avoid putting yourself down. Instead, focus on your strengths and what you're capable of achieving.

11. Seek out supportive people.
 Spend time with people who make you feel good about yourself. These positive relationships will help boost your confidence.

12. Take care of yourself.
 Confidence comes from feeling good about yourself, both inside and out. Eat healthy, exercise, get enough sleep and do things that make you happy. When you take care of yourself, it shows in your confidence level.

SERVER AND CLIENT RENDERED WEB APPLICATION DEVELOPMENT FRAMEWORKS

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The current full-stack web development era is filled with a plethora of front-end and back-end frameworks. Understanding the difference between server and client rendered web application development frameworks will be useful to discern and choose the best framework and tool best suited for you. Lets understand this in the context of the most popular web development framework – ASP.NETCore.

ASP.NETCore is the popular open-source web development framework which is the latest flavor of ASP.NET which comes with the latest .NETCore framework. As we know, .NETCore is the popular opensource development framework for building secured, scalable software application over web, mobile, IOT and other various platforms. ASP.NETCore is the specific piece that contains libraries that allows full-stack web development via .NET.

A web application in Its core, allows user / application (simulated) interactions via a front end / client user-interface (UI) for data entry, reporting/analysis, and other kinds of information management where data is transmitted to the web server for processing at various interaction points and the results being rendered back to the client / UI. Historically this has been fulfilled via the traditional CGI interfaces (if you are old enough as me or cared to study the history). Later along the line, scripting languages such as ASP, JSP, Perl, PHP, Python, Ruby, etc was/is being used. These web development technologies and frameworks have evolved into their own latest versions and flavors which presents various options for the web-developer to make the application fit to her/his needs.

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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.

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

Espionage:
This is a process of spying on a person or business.

Malware creation:
The process of creating malware like viruses etc.

Cybersquatting:
It is a process of gaining personal information and trying to resell them.

Harvesting:
Here, hackers usually steal a person's private information from an account and use it for illegal activities.

Wiretapping:
Here, the hacker connects a device to a phone line and tries to listen to the conversations.

KEVIN MITNICK – THE MOST ELUSIVE CYBER INVADER IN HISTORY

AMAL KRISHNA VM
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Born Aug 6, 1963, Kevin David Mitnick grew up immersed in the era of newly emerging phone and computer technology. And, boy, did it fascinate him. Kevin spent much of his youth tinkering with the latest tech— gathering with fellow "phone phreaks" over pizza to talk about their latest landline pranks, as the originators of what was soon to become cyber social engineering.

As Kevin grew from a teenager to a young man, so too did his knowledge of phones, computers, and programming, as well as his bravado to gain unauthorized access to the sensitive information they stored. By the late '80s and throughout the early '90s, Kevin landed himself at the top of the FBI's Most Wanted list for hacking into dozens of major corporations, just to see if he could.

But contrary to the dark, low-brow cybercriminal the media and law enforcement portrayed him as, Kevin's breaches were never meant for financial gain or harm. They were always about the adventure, the adrenaline rush. Kevin was— and still is— a "trophy hunter": a pursuer of big, shiny prizes, merely to prove he can win. And let's not forget the sheer humor of outwitting all-things-establishment or arrogant tech-heads.

But unauthorized access is still unauthorized access— regardless of ill-will. For three years, Kevin went on the run, using false identities and fleeing from city to city to resist arrest until cornered in a final showdown with the Feds, who would stop at nothing to bring him down. In 1995, he was finally forced to serve five years of hard time by those who feared the extent of his digital power.

BASICS OF SOFTWARE INSTALLATION

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Your computer comes with a ton of built-in software programs such as note-taking applications, a virtual calculator, photo-viewing programs, and more. What happens when you want to use a piece of software that did not come with your computer? You must install it.

Installing a program means configuring your computer so that it can run a specific program. It is impossible to use a piece of software without first installing it. A piece of software is installed when all of its files are placed in a folder on your computer and an executable file as an entry-point for starting and running the software is generated.

General installation steps

Downloading software

To use a piece of software, you must first download it. Downloading means retrieving files and data that make up the software from the internet (stored on a server somewhere) and storing them on your local computer.

Most downloads will take place over the internet. Make sure that you are careful from which websites you download files. A majority of viruses and malware come from downloads from malicious sources online, so be sure to use only trusted sources.

Installing software

At this point, the remainder of the software installation process is highly dependent on the operating system. Broadly speaking, you will use the installation file you downloaded to install the software; however, the form that file takes will depend on your operating system.

Reading the terms of condition

Downloading some pieces of software will require you to accept certain terms and conditions

Software installation on Windows

The first step for Installing a piece of software on Windows is to download the software's installation executable. This executable (a .exe file) contains the tasks our computer must perform to install the software. Running the executable, therefore, installs the software. Knowing how to download and install software on your computer is a critical skill for anyone interested in IT. By now, you know that setting up a piece of software on your computer involves finding a reputable source for the software, downloading it, and using that download to install and ultimately run the program. Great work finishing this article and learning about this important IT topic.

HAPPINESS IS THE VIBE OF THE MOMENT!!!

JENCY MARY S
S6 CS

Most of the time ,we just spend our time in search the special moment in our life, These moments are just for a certain time span, after all it ends and life goes on. Our life is just like a travel and we are like a Traveller. I'm not saying, Life is a journey of joyfulness and all related thing. Yes, most of the times it is true But if we think about another side of the Our daily life, we have our own family, Our own lifestyle and a different mind sets.

Life is all about the actions that we take to look up the problems that we face daily. It's just like a perspective of each individual like after a heavy rains, some thoughts about floods and some thoughts about the happiness of farmers. It all depends on perspective of each one.
If we think about the darker side of the story then, we can't focus on the brighter side of the story. We always love the stories that actually gives the best perspective of living life, but why can't we think about the struggling part of the story? Because that doesn't gives us the vibe of happiness.

One should be Happy as a new born who have no worries about the upcoming struggles. He always tries to learn the basics of society, neither he thinks about the depressing part of life nor he thinks about the consequences that will happen in his near future.

DRUG ABUSE AMONG YOUTHS

ADITHYA G
S4 AI

Drug and substance abuse amongst teenagers is a global menace. Millions of youths are seriously engaging in drug and substance abuse posing a threat to the future generation. Youths across the world have now tested all kinds of drugs including cigarettes and alcohol to hard drugs like cocaine, cannabis, and heroin.

Systems are losing their importance in the modernized world. Most parents are nowadays spotted drinking alcohol and openly using drugs in the presence of their children. Squeezed urban centers also force this association.

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 Crime16).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.

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. Drugs 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.

PROCRASTINATION

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Procrastination is the act of delaying or putting off tasks until the last minute, or past their deadline. Some researchers define procrastination as a "form of self-regulation failure characterized by the irrational delay of tasks despite potentially negative consequences. No matter how well-organized and committed you are, chances are that you have found yourself frittering away hours on trivial pursuits (watching TV, updating your Facebook status, shopping online) when you should have been spending that time on work.

Researchers suggest that procrastination can be particularly pronounced among students. A recent meta-analysis published in the Psychological Bulletin found that a whopping 80% to 95% of college students procrastinated on a regular basis, particularly when it came to completing assignments and coursework. It is only in cases where procrastination becomes chronic and begins to have a serious impact on a person's daily life that it becomes a more serious issue. In such instances, it's not just a matter of having poor time management skills, it's a major part of their lifestyle.

Procrastination is associated with a variety of dangers and negative effects, including worse academic performance, worse financial status, increased interpersonal relationship issues, reduced wellbeing, and worse mental and physical health. Furthermore, many of these issues relate to one another, which means that they tend to occur together, and that some of them can cause or exacerbate others.

For example, procrastination can lead to mental health issues such as stress, which in turn can lead to issues such as reduced wellbeing, worse physical health, and worse academic and job performance.Fortunately, there are several different things you can do daily to fight procrastination and start getting things done on time. Consider these exercises:

1. Make a to-do list: To help keep you on track, consider placing a due date next to each item.

2. Take baby steps: Break down the items on your list into small steps.

3. Recognize the warning signs: Pay attention to any thoughts of procrastination and do your best to resist the urge.

4. Eliminate distraction: turn off those sources of distraction

5. Reward yourself: When you finish an item on your to-do list on time, congratulate yourself.

The longer you delay, the more likely you are to do nothing, so you should start right now, understanding that you'll be able to improve your approach over time which leads to success!

HOW DO VIDEO GAMES PROVIDES EFFECTIVE LEARNING

NAVEEN SHAH HUZAIN S6 CSE

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 storytelling is such a powerful tool in marketing, politics, business and media. When teaching young learners, storytelling is vital: children rely on episodic memory much more than adults – remembering concrete facts and events they experienced that are linked together in learning.

Video games in general, and Adventures in English with Cambridge in particular, provide a strong and engaging narrative in which the player is intrinsically motivated to participate. How could they not be when they're placed in the centre as the main protagonist? 'Someone's destroying my library, help me!' pleads Lilac, 'The stories need fixing, too!'

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.

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.

CHALLENGING YOURSELF

ARYA S KUMAR
S6 CSE

"Challenging yourself is the key to achieving your endeavours"

If you learn from your mistakes ,then you are intelligent. But if you learn from someone's mistakes, then you are a genius.
 One day, a little boy got back home from school and gave paper to his mom. He said to her, Mom my a techer gave this paper to you. When she read the paper, her eyes was filled with tears. By seeing this,he asked what was in the paper. She read the letter with a loud voice "Your son is a genius and our school don't have enough resources to train him. please teach yourself".

After a long time his mother passed away and he became so great. One day he was looking for his old family things there he found an paper which was given by his teacher. He opened the folded paper, read it and cried for hours. His teacher wrote in that paper" Your son is mentally-ill and we won't let him come to school anymore".

This is not just a story, this is what life does unto us. Our dreams are Shattered. Our hopes broken. Efforts baffled. Strong people ,they don't cry, they stand strong. That's what makes them strong.

And This is the thing that made our prolific inventor "Thomas Alva Edison" to drove his life from ill-minded to extraordinary.
Little drops of water makes the mighty ocean. sometimes a small change can make a big difference.
"It does not matter how slowly you go,so long as you do not stop".

TRAGIC THURSDAY

ADITH SELVAN
S4 AI

Trage cricket fraternity the world over heared the shocking news of the sad demise of a young cricketer on that day.Philip Hughes the Australian cricketer who died on 27th November 2014, at the age of 25, was someone who attacked life and his beloved cricket with passion. As a batsman, Philip was unique. His homespun method was unlike anyother, but he had a drive to make runs that few players have possessed.

Philip made his test debut for Australia at the age of 20 and by scoring centuary on both innings of a test match, became the youngest player to do that in the history of world cricket. Since then, he has been expected to be an asset for Australian cricket, but a Freakish' accident on the pitch had spoiled all.

Philip was batting for south Australian team against New south wales in a domestic match. He was on 63 when the bowler Sean Abbott, who was his teammate in the Australian Cricket team, hanged a bouncer to him. The ball rose high and struck Phillip on his neck. He was all shocked on that hit and for a minute put his hands on his knees and as the bowler and other teammates ran towards him, he collapsed. No one knew, it was his last minute with con- sciousness.

For the next two days Phillip had fought for his life, actually not him, but the cricket world. with all the prayers and support. But God had took his decision. No prayers could save phillip and he was defeated to death.

His unfortunate death stopped the nation as well as cricketing world. All his teammates were heartbroken on the sad and sudden demise of their beloved "Little man"!. On his memory the cricketing world had paused all the on going matches and cricket Australia have changed his score of 63 runs retired' to 63 notout" forever on the scoreboard. Also. his internation team jersy numbered 64 is reserved forever.

It can be seen by the outpouring love and affection for Phillip from all over the world, that he has left behind a fair share of positive vibration. Cricket was more than his life for Phillip and finally he gave his life to the game. Let us join with the cricketing world and bid a mournful farewell for Phillip Joel Hughes, who would have turned 26 on 30th November 2014..

ARTIFICIAL INTELLIGENCE

JOEL PRADEEP ABRAHAM   S4 AI

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.

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.

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.

AI can certainly make education more efficient. AI technology can discover the needs of students. Then it can dapt according to their needs. AI tutors provide study help to students. Also, AI can automate grading which results in saving a lot of time.

AI can greatly increase the rate of work in manufacturing. Manufacture of a huge number of products can take place with AI. Furthermore, the entire production process can take place without human intervention. Hence, a lot of time and effort is saved.

Artificial Intelligence has applications in various other fields. These fields can be military, law, video games, government, finance, automotive, audit, art, etc. Hence, it's clear that AI has a massive amount of different applications.

To sum it up, Artificial Intelligence looks all set to be the future of the World. Experts believe AI would certainly become a part and parcel of human life soon. AI would completely change the way we view our World. With Artificial Intelligence, the future seems intriguing and exciting.

COMPUTER GRAPHICS

DIYA S
S6 CSE

Computer graphics deals with generating images with the aid of computers.Today,computer graphics is a core technology in digital photography, film,video,games,cellphone and computer displays,and many specialized applications.A great deal of specialized hardware and software has been developed ,with the displays of most devices being d riven by computer graphics hardware.it is a vast and recently developed area of computer science . The phrase was coined in 1960 by computer graphicresearchers verne Hudson and William Fetter of Boeing. It is often abbreviated as CG,or ty picallt in the context of film as computer generated imagery (CGI).The non-artistic aspects of computer graphics are the subject of computer science research.Some topics in computer graphics include user interface design,sprite graphics,rendering,ray tracing,geometry processing, computer animation,vector graphics,3D modeling,shaders,GPU design,implicit surfaces,visualization,scientific computing,image processing,computational photography,scientific visualization,computational geometry and computer vision ,among others.Theoverall methodology depends heavily on the underlying science of geometry,optics,physics,and perception.Computer graphics is responsible for displaying art and image data effectively and meaningfully to the consumer.it is also used for processing image data received from the physical world ,such as photo and video content.computer graphics development has had a significant impact on many ty pes of media and has revolutionized animation, movies,advertising,video games in general.

TOO MUCH OF EVERYTHING IS BAD

SWETHA S
S6 CSE

Excess of everything is bad. We should avoid it. It is good to love a child but if we love him too much, he is likely to be spoilt. He is apt to go wrong and form bad habits. Thus the middle course is always the best. We should love a child but if he persists in his wrong ways and habits, we must admonish him, too. It is beneficial to take exercise daily. But if we have too much of it, we may fall ill. Exercise within proper limits does good but exercise in excess does more harm than good. Professional wrestlers have aching limbs in their old age.

A king should be kind and sympathetic towards his people. But if some rowdy element rises into rebellion against him over some imaginary wrong, he has no business to be kind. He must be ruthless and put down the rebellion and crush the rebels with an iron hand. If he is weak-minded, he is sure to suffer for his weak policy.

Milk is a wholesome diet. It is a perfect food. It should be a part and parcel of our daily diet. But if one takes it in excess, one is sure to suffer from dysentery and indigestion. He is sure to invite trouble and disease. Salt seasons food, but too much of it spoils the taste. Sugar is sweet but an overdose of it spoils the teeth and makes our dishes distasteful.

t is good to be rich but bad to be too rich. Riches in excess bring many evils, cares and worries. Henry Ford was the richest man of America but he cursed his riches. He got fabulous wealth but lost his health. He envied his poor laborer's who could take cups after cups of milk but he himself could hardly take a cup of tea and a biscuit.

A shoe troubles if it is too loose or too tight but it gives comfort if it is of the right size. So is the case with all riches. Reading is a good thing but too much poring over books spoils the eyes and health too. A scholar with poor health cannot play his part effectively in life. Sleep is a great restorative. After a sound sleep, one feels refreshed. But if a man sleeps too much, he spoils his health. He falls ill.

The cinema is a useful thing but if a young man goes to the pictures every-day, he is sure to waste money neglect his studies and spoil his eyesight also. Singing is a good pastime for a student but if he sings from morning till evening and neglects his work at school altogether, it will prove a curse for him. He will mar his career. Mango is the "king of fruits". It is to India what grapes are to France, olives to Greece, figs to Spain, dates to Basrah and apples to Samarkand. It is said to be the favourite food of even the gods. It is rich in several vitamins, mineral salts and other protective foods. It gives tone to the heart, improves complexion, stimulates hunger and is helpful in liver disorders, loss of weight and several other physical disturbances. But if mangoes are taken in excess, they do positive harm.

Thus, we should avoid too much of everything. We should always steer the middle course. Moderation in everything is the safest course in life. The key to lasting happiness is to keep within bounds and discipline one's life. Excess of drinking or indulgence shatters one's health; too much of smoking affects lungs; over-work tells upon health; even too much of talking means loss of energy.

Too much of familiarity breeds contempt. One who squanders money recklessly comes to grief some day. So the golden principle is to be moderate in love and hatred, in pleasure seeking and saintliness. Going to extremes involves risk. It means neck or nothing. Feasting today and fasting tomorrow is the doctrine of fools. One who is modest, moderate and contented, is the happiest man on earth.

THE PATHS TO GLORY LEADS BUT TO THE GRAVE

SONU S KUMAR
S8 CSE

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 tale, 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. Entire 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 worldly existence of life form 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 reduced 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".

INTERESTING FACTS ABOUT COMPUTERS

SANGEETH U
S6 CSE

- The first electronic computer ENIAC weighed more than 27 tons and took up 1800 square feet.
- ENIAC (Electronic Numerical Integrator and Computer) was the first general-purpose electronic digital computer. It was developed during World War II in the United States to calculate ballistics trajectories.
- "Typewriter" is the longest word that you can write using the letters only on one row of the keyboard of your computer.
- This is a fun fact about the English language and computer keyboards. The word "typewriter" is spelled using only the letters on the top row of a standard QWERTY keyboard.
- Doug Engelbart invented the first computer mouse in around 1964 which was made of wood.
- Doug Engelbart was an American engineer and inventor who is best known for his work on computer interfaces and the development of the computer mouse.
- There are more than 5000 new computer viruses released every month.
- This is a concerning fact about computer security. Cybercriminals and hackers create new viruses and malware every day, making it difficult for antivirus software to keep up.
- If there was a computer as powerful as the human brain, it would be able to do 38 thousand trillion operations per second and hold more than 3580 terabytes of memory.
- This is a comparison between the capabilities of the human brain and current computer technology.
- The password for the computer controls of nuclear-tipped missiles of the U.S was 00000000 for eight years

- HP, Microsoft, and Apple have one very interesting thing in common – they were all started in a garage.
- This is a fascinating fact about the origins of some of the world's largest and most successful technology companies. Hewlett-Packard (HP) was started in a garage in Palo Alto, California, in 1939. Microsoft was founded in 1975 by Bill Gates and Paul Allen in Albuquerque, New Mexico, and Apple was started by Steve Jobs and Steve Wozniak in Jobs' garage in Los Altos, California, in 1976.
- The first 1GB hard disk drive was announced in 1980, which weighed about 550 pounds and had a price tag of $40,000.
- This is a significant milestone in the history of computer storage. In 1980, IBM announced the first 1GB hard disk drive, which was the size of a refrigerator and weighed about 550 pounds. It had a price tag of $40,000, which

PROGRAMMING ARRAY LOGIC

D E V U   R
S 6   C S E

Programmable Array Logic (PAL) is a commonly used programmable logic device (PLD). It has a programmable AND array and fixed OR array. Because only the AND array is programmable, it is easier to use but not flexible as compared to Programmable Logic Array (PLA). PAL's only limitation is the number of AND gates. PAL consists of small programmable read only memory (PROM) and additional output logic used to implement a particular desired logic function with limited components. Comparison with other Programmable Logic Devices: Main difference between PLA, PAL and ROM is their basic structure. In PLA, programmable AND gate is followed by programmable OR gate. In PAL, programmable AND gate is followed by fixed OR gate. In ROM, fixed AND gate array is followed by programmable OR gate array. Describing the PAL structure (programmable AND gate followed by fixed OR gate).

Example: Realize the given function by using PAL: Any form from sum of product (SOP) form or product of sum (POS) can be used for realization of a Boolean Function. There are three inputs A, B, C and three functions X, Y, Z. Using sum of product (SOP) terms to express the given function as follows:-

$$X(A, B, C) = \sum(2, 3, 5, 7)$$
$$Y(A, B, C) = \sum(0, 1, 5)$$
$$Z(A, B, C) = \sum(0, 2, 3, 5)$$

Following Truth table will be helpful in understanding function on number of inputs:

A	B	C	X	Y	Z
0	0	0	0	1	1
0	0	1	0	1	0
0	1	0	1	0	1
0	1	1	1	0	1
1	0	0	0	0	
1	0	1	1	1	1
1	1	0	0	0	0
1	1	1	1	0	0

Finding X, Y, Z:
Look for high min-terms (function value is equal to 1 in case of SOP) in each function output:

$$X = A'B + AC$$
$$Y = A'B + B'C$$
$$Z = A'B + A'C + AB'C$$

The AND array has been programmed but has to work with a fixed OR array as per requirement. Desired lines will be connected in PLDs.
Advantages of PAL:

- Highly efficient
- Low production cost as compared to PLA
- Highly secure
- High Reliability
- Low power required for working.
- More flexible to design.

WEB DESIGNING

AVANIS
S6 CSE

Web design is a complex and multifaceted field that draws heavily from computer science and software engineering, programming languages, and coding. At its core, web design is focused on the planning and creation of websites that are displayed on the internet, with a particular emphasis on the user experience aspects of website development.

One of the most important aspects of web design is user experience (UX) design. UX design involves creating user-centered design solutions that provide a positive and engaging experience for website visitors. This can include everything from the overall layout and organization of a website to the design of individual pages and user interfaces.

Another key consideration in web design is information architecture. This involves organizing and structuring the content on a website in a way that is easy to navigate and understand. Effective information architecture ensures that visitors can find the information they need quickly and easily.

User interface (UI) design is also an important aspect of web design. This involves designing the visual elements of a website, such as buttons, menus, and other interactive elements. UI designers must create visually appealing and functional designs that are easy to use and navigate.

Site structure is another crucial consideration in web design. Site structure refers to the organization of pages and content on a website. A well-structured website is intuitive and easy to navigate, with a clear hierarchy that guides visitors to the most important information. Layout, colors, and fonts are also essential components of web design. These elements can have a significant impact on the overall look and feel of a website, and they can help to establish the brand identity of a business or organization.

HTML is the most basic of all coding languages, and it provides a solid foundation for website development. Web designers use a variety of other programming languages and coding techniques to create dynamic and interactive websites.

There are three main types of web design: static, dynamic, and ecommerce. Static websites are simple, static pages that provide basic information about a business or organization. Dynamic websites are more complex, interactive websites that provide more advanced functionality, such as online shopping or user account management. Ecommerce websites are designed specifically for online shopping and typically include features like product catalogs, shopping carts, and payment processing.

Finally, it is important to ensure that websites are mobile-friendly and accessible. With more and more people accessing the internet on mobile devices, it is essential that websites are optimized for smaller screens and touch-based navigation. Accessibility is also critical to ensure that people with disabilities can access and use websites effectively.

In conclusion, web design is a multifaceted field that requires a wide range of skills and expertise. From UX design to information architecture, site structure, UI design, and more, web designers must have a deep understanding of how to create effective and engaging websites that meet the needs of their target audience. By staying up-to-date with the latest trends and techniques in web design, designers can ensure that their websites are not only visually appealing, but also functional, user-friendly, and accessible to all.

AN INQUIRY INTO THE NATURE OF FREE WILL

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The concept of free will has been a topic of philosophical inquiry for centuries, and it remains a subject of ongoing debate and controversy. At its core, free will refers to the ability of individuals to make choices and act on them independently of external forces or factors. However, this seemingly simple idea is complicated by the fact that our choices and actions are also shaped by a multitude of internal and external factors, including genetics, upbringing, social and cultural influences, and environmental factors.One of the main challenges to the idea of free will comes from determinism, the belief that all events, including human actions, are determined by prior causes and are therefore inevitable. If determinism is true, then it would seem that our choices and actions are not truly free but rather predetermined by prior causes beyond our control. This raises questions about moral responsibility, since if our actions are determined by factors beyond our control, then it would seem unfair to hold us morally accountable for them. However, many philosophers have argued that determinism does not necessarily preclude free will. One popular view is compatibilism, which holds that free will and determinism can coexist. According to this view, our choices and actions may be determined by prior causes, but as long as we have the capacity to act on our own desires and intentions, we can still be considered to have free will. Others have rejected the idea of determinism altogether, arguing that there is no evidence to support the claim that all events are determined by prior causes. They point to the unpredictable nature of quantum mechanics as evidence that

determinism may not hold at the most fundamental levels of reality. Despite ongoing debate, the concept of free will remains an important one for ethical and moral reasoning. If we believe in free will, then we hold ourselves and others accountable for our actions and their consequences. We are also more likely to view ourselves as agents capable of shaping our own destinies, rather than mere puppets controlled by external forces. However, the nature of free will is far from settled, and philosophers will likely continue to debate its meaning and implications for years to come. Ultimately, the concept of free will remains a fundamental part of our understanding of ourselves and our place in the world, and its exploration can provide valuable insights into the nature of human existence and the limits of our knowledge and understanding.

SECURITY,TRUST AND PRIVACY FOR CLOUD,FOG AND INTERNET OF THINGS

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S6 CSE

Internet of Things (IoT) is a promising networking scenario In the cyber world, bridging physical devices and virtual Objects. By considering the limited capacity of smart things, Cloud computing is generally applied to store and process the Massive data collected by the IoT. Furthermore, fog computing is described as an extension and a complement to Cloud computing. It utilizes fog nodes to perform storage, Computation, and communication locally. The merging of Cloud/fog computing and IoT can be seen as the best of two Worlds, by concurrently offering ubiquitous sensing services And powerful processing capabilities. Despite the advantages of cloud/fog-assisted IoT, it is Unwise to neglect the significance of security and privacy in This highly heterogeneous and interconnected system. Various solutions have recently been put forward independently for cloud, fog, or IoT environments to deal with Security threats to IoT devices and sensitive data. However, a Few crucial features, such as heterogeneity and scalability, Have not been appropriately considered in these solutions. !is Special Issue aims to compile recent research efforts Dedicated to studying the security and privacy of rapidly Increasing cloud/fog-assisted IoT applications. A summary Of all the accepted papers is provided as follows. The paper by Mekala et al. designed a data analytic Weight measurement (DAWM) model and multi-objective Heuristic user service demand (MHUSD) approach for profit Maximization and adequate service reliability. The DAWM Model concentrates on instances or machine size with elastic Service of generic lambda function to scale up and scale Down the instance size as per demand request by considering instance computation status and its service execution rate And energy consumption. The MHUSD approach measures The CPS profit rate and USD rate before sharing the resources to the instances. The fundamental logic is if the Instance DAWM rate is not above moderate or moderate, Then the CSP does not share the resources as per demand; Otherwise, the CSP shares the resources. In addition, the CSP Scales up and down the cost of the resources as per the USD Rate to maximize the profit (a business model). In the paper by Zhang et al., a constant-size CP-ABE Scheme with outsourced decryption for the cloud-assisted IoT is proposed. In their scheme, the ciphertexts and the Attribute-based private keys for users are both of constant Size,

which can alleviate the transmission overhead and Reduce the occupied storage space. And, the outsourced Decryption algorithm in their work is privacy-protective, Which means the proxy server cannot know anything about the access policy of the ciphertext and the attribute set of the user while performing the online partial decryption algorithm. This scheme can prevent privacy from leaking out to The proxy server. And, they have rigorously proved that their Scheme is selectively indistinguishably secure under the Chosen-ciphertext attacks (IND-CCAs) in the random oracle Model (ROM). Finally, the authors evaluate and implement Their scheme and other CP-ABE schemes in terms of space And time complexity to confirm that their scheme is more suitable and applicable for cloud-assisted IoT.

The paper by Pan et al, proposed an intrusion detection model. The model can be deployed in the architecture based on cloud computing and fog computing to play its role better. The designed intrusion detection algorithm combines kNN and sine cosine algorithm (SCA). Specifically, SCA is used to optimize the hyperparameters of kNN, thereby improving the classification accuracy of kNN. Its algorithm can significantly improve the accuracy of intrusion detection and reduce the false alarm rate. In the benchmark function test, the proposed algorithm shows good optimization efficiency.

WHO CARES?

AFRIN HUSSAIN   S4 CSE

A culture so vehemently against listening to one's own body that it gave birth to one of the most fatal illnesses known to us: eating disorders. Restricting food (that is, not listening to your body's needs) is the primary reason for diets failing and for binging.

We delude ourselves into thinking we're taking care of ourselves and making "healthy choices" while falling for a decades-old playbook. From sweat-belts, life-altering targeted workouts and every kind of diet known to man, we've tried it all; yet the weight loss industry still thrives. Have we ever asked why? It's because none of it works, at all. The goal of the weight loss industry isn't to help people lose weight for noble reasons but to create a culture of enough self-hate and insecurity that no one believes they're good enough. That is how they will sell.

With a whole world tirelessly working to ensure we fail to love ourselves for who we are and what we look like, it can seem almost futile to try. Any attempt at supposed betterment that comes from a place of negative self-worth is doomed to fail. We put so much pressure on ourselves to either hate ourselves enough to change or love ourselves enough to not care that the world wants us to change for their selfish gain. What both messages fail to recognize is the complexity of our relationship with ourselves and how it ebbs and flows. We thus end up feeling worse for not being able to love ourselves at times and at others for not being "good enough."

So instead of body positivity, how about we practice body neutrality instead? Where we accept that some days we love our bodies, some days we don't, but on all days we respect our bodies. Where we give ourselves the space to feel love, pride, hate, jealousy, anxiety, and indifference; to be vulnerable with ourselves and others and acknowledge the stages we go through as people with only one constant: respect.

GOOD FRIENDSHIP

ANJALI GOPINATH
S4 CSE

Friendship is an important part of life. Having a strong relationship with people will always keep you happy. Best friends will be good to you and stand by you to help you overcome the hand times. They are sincere and make sacrifices without any personal motives. They love you because they choose to not because they should.

Friendship is about having wonderful moments with friends and sticking to them no matter what you do or what you go through. They are friends we hang out with, shop with, head to the movies with, But despite having a pal for every occasion, having a best friend is a huge bonus in life. You get to share your thoughts, dreams, fun times and problems with someone who knows, understands and cares about you.

Making friends is one thing, but maintaining a good friendship is a matter of great importance and commitment. Your friends are your guides in life as well as the people who help define who you are. Friendship is a very delicate and sensitive relationship. Planting, vanity are harmful to friendship.

Now I realize that everything is going to be sweet memories, school and college life, teachers, friends and everything. But no one can forget his friends and their memories because they are the precious gems which every one acquires during school or college days or during his life that life will never come back...

LET BE PREPARE OUR SELF PRACTICALLY

KRISHNAPRIYA SANTHOSH

S4 CSE

Let's get ready to chase our own time without looking others into life's race. Nowadays, every person in his life has a bigger aspect and enthusiasm to reach the top high position in his future and we know what all the future scopes we have. when we have tightened ourselves for this race with competition to our valuable time we need to focus on a field which have more scope of challenges and growth to make our future bright after taking several suggestions and discussing with senior mentors we decide a future path and start our learnings and put our keen efforts on that and stay focused yes we are joining a college to grab knowledge which is more essential to grow in our future path. But day by day coming with different surroundings we lightly gets detracked from our future track everyone in college days try to read, write, learn things but forget to do it practically and finally when we complete our educational time we start searching for a job or a business and again we start chasing time and we face a lot off hurdles and obstacles to reach a goal even we have good communication skills, good attitude but lack of practical knowledge after knowing that we lack of some practical sessions we start to join classes, courses and few of people's change there future goals also. But we need practical knowledge to do anything in future learnings but we forget the same to do today f we see any of the fields like engineering we need practice to perform our daily work, so why we don't take this step earlier when our teachers taught us to be focused into practical's now a days if we attend a interview most of the places we will face the practical scenarios to explain. But every time we thought to get our papers clear and good percentage off marks in semesters no matters what is your qualifications and percentages but if you have good groomed skills in different aspects of engineering then you can work for good organization and earn a ample amount of money for your living and Fulfilling your dreams, many entrepreneurs have grown in our country and abroad and They don't have many degrees but the renowned organizations like Tata, Reliance, Microsoft, etc. always make themselves focused and grab as much as practical knowledge to reach to the top of your future goal.

THE IMPACT OF SOCIAL MEDIA ON MENTAL HEALTH

BHAGYALEKSHMI
S6 CSE

In recent years, social media has become an integral part of our lives, allowing us to connect with friends, family, and colleagues, and share our thoughts, feelings, and experiences with a wider audience. However, research has suggested that there may be a darker side to social media use, with some studies linking it to increased rates of depression, anxiety, and other mental health issues. One potential explanation for this link is the way that social media use can disrupt our sleep patterns. Many people use social media in bed or just before going to sleep, which can interfere with our ability to fall asleep and stay asleep. This can have knock-on effects on our mood, energy levels, and overall mental health. Another factor that may contribute to the negative impact of social media on mental health is the way that it can foster feelings of envy and social comparison. When we see our friends and acquaintances sharing their carefully curated highlight reels online, it can be easy to feel like we're falling short in comparison. This can lead to feelings of inadequacy, low self-esteem, and even depression.

Social media can also be a breeding ground for cyberbullying, with users often feeling emboldened to say things online that they might not say in person. This can be particularly damaging for young people, who may be more vulnerable to the negative effects of bullying and may struggle to cope with the constant stream of criticism and negativity. Despite these concerns, there are also some potential benefits to social media use for mental health. For example, it can provide a sense of community and support for people who might otherwise feel isolated, and can be a valuable source of information and advice for those struggling with mental health issues.

Overall, the impact of social media on mental health is complex and multifaceted, and will likely depend on a range of individual factors, such as age, personality, and social support networks. However, it's clear that social media can have both positive and negative effects on mental health, and that it's important to use it in a balanced and mindful way in order to minimize the risks and maximize the benefits. This might involve setting limits on social media use, avoiding social comparison, and being mindful of how social media use is affecting our mood and wellbeing.

MIT.

Moments

FREEZING A MOMENT IN TIME
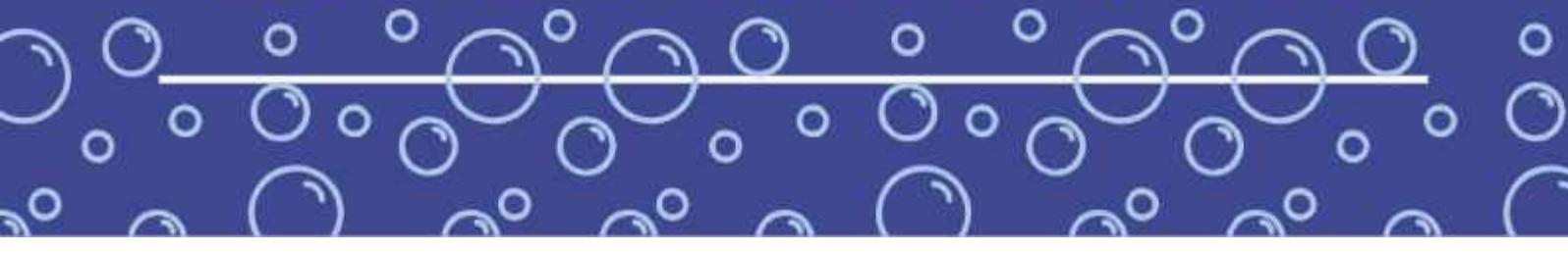
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"Technology is unlocking the compassion we have for our fellow human beings"

~BILL GATES

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