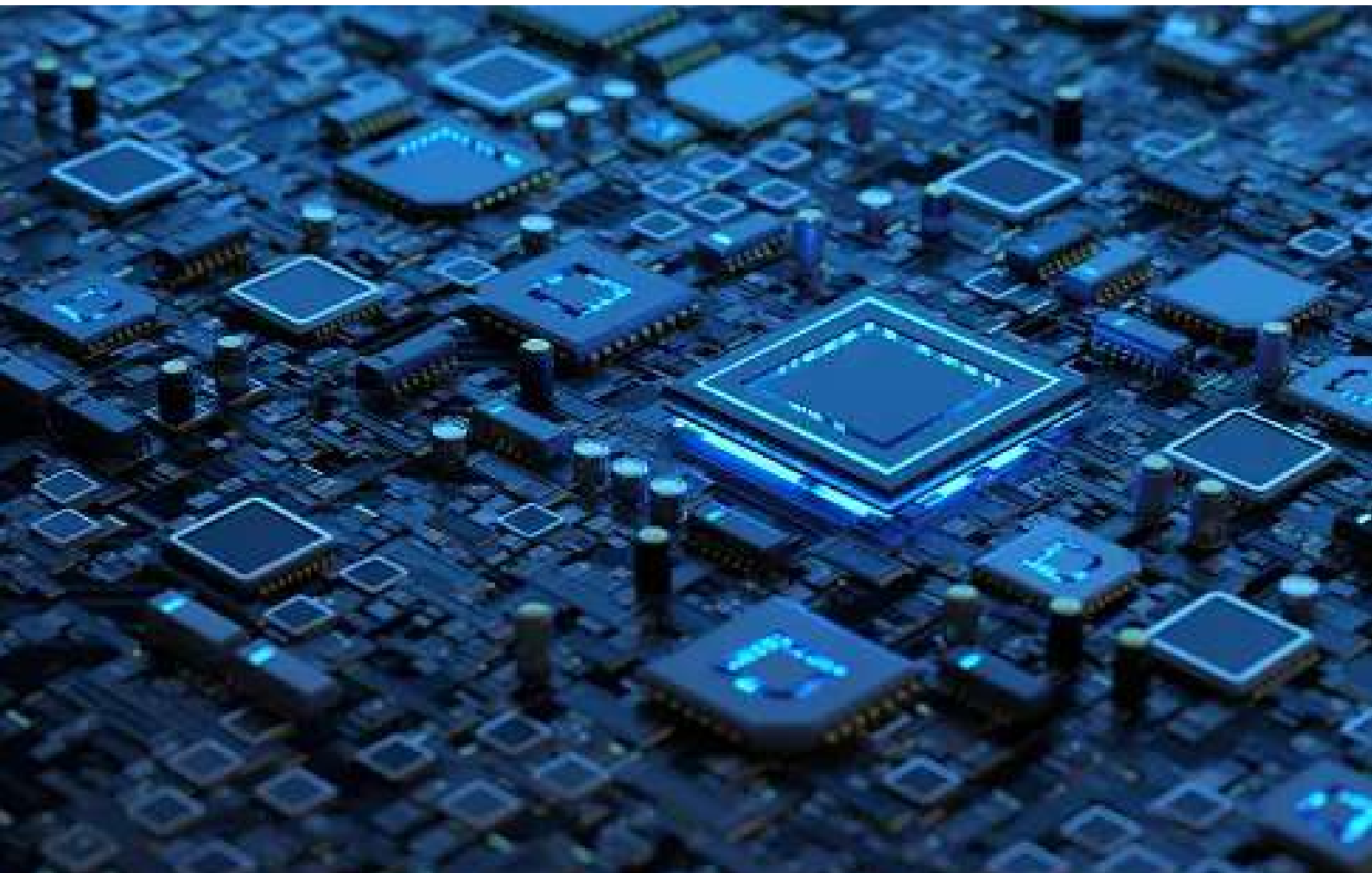


# THE ELEKTRON

THE ECE MAGAZINE

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2023-2024



**Editor : SAMRUTH SRIRAM D, III – ECE**

# VISION AND MISSION

## VISION OF THE INSTITUTION

Transform lives through Education and Research

## MISSION OF THE INSTITUTION

To impart quality education to students through critical thinking, creativity, leadership and the spirit of entrepreneurship

## VALUES OF THE INSTITUTION

We develop in each member the ability and passion to work effectively for the betterment of humanity with cultural awareness, high ethical and moral values and a sense of social responsibility

## DEPARTMENT VISION

To produce globally competent Electronics and Communication Engineers.

## DEPARTMENT MISSION

**M1** : To Impart Value-based Technical Education with a state of art technologies to meet industry standards.

**M2** : To foster critical thinking and creativity through research and experimentation.

**M3** : To prepare our students to be a lifetime professional with Creativity and Leadership.

## PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

**PEO 1** - Shall pursue higher education and research, or have a successful career in industries or as entrepreneurs.

**PEO 2** - Shall have the ability and attitude to adapt to emerging technological changes.

**PEO 3** - Shall exhibit leadership abilities, professional ethics, communication skills, interpersonal skills and life-long learning.

## PROGRAM OUTCOMES (POs)

**PO1 - Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

**PO2 - Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

**PO3 - Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

**PO4 - Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

**PO5 - Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

**PO6 - The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

**PO7 – Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

**PO8 – Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

**PO9 – Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

**PO10 – Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

**PO11 – Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

**PO12 – Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

## PROGRAM SPECIFIC OBJECTIVE (PSOs)

Students of the Electronics and Communication Engineering Program

**PSO 1** – Shall have Potential to analyze, design, synthesize and provide technical solutions in the field of VLSI, Embedded Systems, Communication, Networking and Real Time Processing.

**PSO 2** – Shall exhibit leadership skills and pursue entrepreneurship and contribute in the field of Electronics and Communication Engineering.

# MESSAGE FROM DIGNITARIES

## **PRINCIPAL'S MESSAGE – DR. S. SHANTHI, M.E., Ph.D**

It is with great enthusiasm that I introduce you to the latest edition of The Elektron. This magazine is a vibrant showcase of the extraordinary work and innovation that define our ECE department. In this issue, you will find captivating stories and updates that reflect our ongoing dedication to advancing technology and education. I encourage you to delve into the pages of The Elektron and celebrate the remarkable achievements and innovations showcased within.

## **DEAN'S MESSAGE – DR. A. PASUMPON PANDIAN, M.E., Ph.D., MIEEE, MIEI, MISTE**

I am delighted to present to you the latest edition of The Elektron, our esteemed ECE department's magazine. This publication highlights the remarkable achievements and innovative spirit that characterize our ECE community. I encourage you to explore the articles and updates within these pages. They reflect not only the achievements of our ECE community but also the boundless potential that lies ahead. Your involvement and enthusiasm are integral to our collective success and to the continued advancement of our field. Thank you for your ongoing support and engagement.

## **HOD'S MESSAGE – DR. J. JEYARANI M.E., Ph.D**

It is my pleasure to welcome you to the new edition of The Elektron for 2023–2024. This magazine stands as a testament to the extraordinary achievements and innovative spirit of our ECE department. This issue showcases the creativity, dedication, and hard work that are the hallmarks of our ECE community. Each article reflects our ongoing mission to foster a learning environment where innovation thrives and where our members can achieve their highest potential. I encourage you to delve into the pages of The Elektron and celebrate the accomplishments that make our department unique. Your continued enthusiasm and engagement are crucial to our success and to advancing the future of electronics and communication.

# EDITOR'S MESSAGE

**Dear Readers,**

As we unveil yet another edition of the **ECE Department Magazine**, it gives me immense pleasure to highlight the incredible efforts that have gone into making this publication possible. The journey from conception to realization has been one filled with Passion, Dedication, and commitment.

First and foremost, I would like to express my heartfelt gratitude to our Esteemed **CEO** and **Principal, CARE College of Engineering** for their unwavering support and belief in our vision that paved the way for this magazine to see the light of the day. Their guidance and encouragement have been instrumental in nurturing the creative spirit of our department, allowing us to showcase the remarkable achievements and innovations that continue to define our institution.

Of course, none of this would have been possible without the relentless efforts of our dedicated **Head of the ECE Department, CARE College of Engineering**. Mam's unwavering Dedication, Leadership, and tireless commitment to academic and research excellence serve as an inspiration to us all. It is under her guidance that our department continues to thrive, producing cutting-edge research and nurturing future innovators.

The pages of this magazine stand as a testament to the Hard work and Enthusiasm of the entire ECE Department team. From our brilliant faculty members to our motivated students, this is a collective effort that has showcased the Excellence, Innovation, and Sheer Passion that defines our department.

In closing, I want to express my heartfelt thanks to everyone who contributed to this publication. We look forward in continuing this journey of Excellence and are excited to see what the Future holds.

Thank you for your support, and I hope you enjoy this edition of the ECE Department Magazine.



**CHEIF EDITOR**

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**SAMRUTH SRIRAM.D**  
**III YEAR - ECE**

# THE GROWING CRISIS OF ELECTRONIC WASTE AND THE IMPORTANCE OF PROPER DISPOSAL

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## Introduction

In our fast-paced, technology-driven world, electronic devices have become an integral part of our daily lives. From smartphones to laptops, televisions to refrigerators, we rely on these gadgets for communication, entertainment, and convenience. However, this digital revolution has a dark side: electronic waste, or e-waste, has emerged as one of the most pressing environmental and health challenges of our time. In this article, we will delve into the growing problem of electronic waste and highlight the crucial importance of proper disposal methods.

## The Escalating E-Waste Problem

Electronic waste comprises discarded electrical or electronic devices, often containing hazardous materials like lead, mercury, cadmium, and brominated flame retardants. The proliferation of electronic gadgets and the rapid pace of technological advancements have resulted in a staggering increase in e-waste worldwide. According to the Global E-waste Monitor 2020, a record 53.6 million metric tons of e-waste was generated in 2019, with an estimated 21% increase by 2030 if current trends continue.

## The Consequences of Improper Disposal

Improper disposal of e-waste poses significant risks to the environment, human health, and even national security. Here are some of the key consequences:

**1. Environmental Pollution:** When electronic devices are discarded in landfills or incinerated, harmful chemicals can leach into the soil and water, contaminating ecosystems. This pollution disrupts the balance of local flora and fauna and can have long-lasting, devastating effects.

**2. Health Hazards:** E-waste recycling done informally or under substandard conditions can expose workers to toxic substances. Lead poisoning, respiratory issues, and various chronic health problems are common among those handling e-waste without proper protective measures.

**3. Resource Depletion:** Electronics contain valuable and often scarce resources like gold, silver, and rare metals. By not recycling e-waste, we miss out on the opportunity to recover these resources, increasing the pressure on mining and exacerbating resource scarcity.

**4. Data Security Risks:** Improper disposal of electronic devices can expose sensitive personal and corporate data. Without proper data wiping or destruction, there is a risk of identity theft and corporate espionage.

## The Importance of Proper Disposal

Proper disposal of electronic waste is essential for mitigating the aforementioned risks and preserving our environment. Here are some key reasons why it's crucial:

**1. Environmental Conservation:** Recycling e-waste reduces the need for virgin materials, conserving natural resources and lowering greenhouse gas emissions associated with resource extraction and manufacturing.

### 2. Hazardous Material Management:

By recycling e-waste, we can safely extract and manage hazardous materials, preventing them from contaminating the environment and harming human health.

### 3. Economic Benefits:

E-waste recycling creates jobs, stimulates economic growth, and generates revenue through the recovery of valuable materials. It can also reduce the overall cost of electronics production.

### 4. Data Security:

Proper disposal ensures that sensitive data is securely erased or destroyed, protecting individuals and organizations from data breaches.



Sriram Sundar S, M.E (Ph.D.)  
AP/ECE  
CARE College of Engineering  
Trichy

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# ANGER MANAGEMENT: THE KEY TO EMOTIONAL WELL-BEING

In the fast-paced world we inhabit, emotions are often a rollercoaster ride, and anger is one that can take control if left unchecked. Understanding the importance of anger management is not only crucial for personal well-being but also for fostering a harmonious environment.

Anger, when managed effectively, can be a constructive force, driving change and motivating individuals. However, uncontrolled anger can lead to strained relationships, impaired decision-making, and physical health issues. This is where anger management steps in as a vital life skill.

The first step in managing anger is self-awareness. Recognizing the triggers and early warning signs of anger is essential. This self-awareness paves the way for better emotional regulation, enabling individuals to pause, reflect, and respond instead of reacting impulsively.

Communication plays a pivotal role in anger management. Learning to express feelings and concerns assertively, rather than aggressively, fosters healthier interactions. Active listening and empathy help in defusing conflicts and finding amicable solutions.

Anger management is not just an individual endeavor but a collective responsibility. In our department, fostering an environment where open dialogue and emotional support are encouraged is vital for everyone's growth and well-being.

By embracing anger management, we empower ourselves and others to navigate emotions constructively, fostering not only personal growth but also nurturing a positive and collaborative atmosphere within our department. It's a crucial skill that equips us to handle life's challenges with grace and resilience.



**Divyadharshini G**  
III - ECE

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# *IoT and AI*

# A TECHNOLOGY DEVELOPMENT

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Samruth Sriram D  
III - ECE

The Integration of Internet of Things (IoT) and Artificial Intelligence (AI) has revolutionized technology development across various industries. IoT connects physical objects to the internet, while AI empowers machines to learn and make intelligent decisions. This Article explores how these technologies have influenced the Development of new technologies, highlighting their Advantages and Disadvantages.

## **IMPROVED EFFICIENCY**

Devices can communicate with each other, leading to more efficient processes. For example, in smart homes, IoT devices can automatically adjust lighting and temperature based on user preferences.

Machine learning Algorithms can optimize processes and predict maintenance needs, reducing downtime and saving costs in industries like manufacturing and logistics.

## **DATA-DRIVEN INSIGHTS**

Collecting data from sensors and devices allows for better decision-making. In agriculture, IoT sensors can monitor soil conditions and crop health, helping farmers make informed choices.

AI can analyze vast datasets and extract valuable insights. This is vital in fields like healthcare, where AI can assist in diagnosing diseases and predicting patient outcomes.

## **SAFETY & SECURITY**

IoT applications in security systems can enhance safety. Smart cameras can identify potential threats and alert authorities.

AI is used to develop cybersecurity solutions that can detect and mitigate threats in real-time, making systems more secure.

## **USER EXPERIENCE**

In the consumer market, IoT devices like smart speakers and wearable tech provide a seamless and personalized user experience.

AI-powered recommendation systems in e-commerce and streaming services tailor content to individual preferences.

## **LIMITATIONS OF IOT & AI**

### **PRIVACY CONCERNS**

The constant data collection by IoT devices raises privacy concerns. Users worry about who has access to their personal information.

AI systems can sometimes misinterpret or misuse personal data, leading to privacy breaches.

### **SECURITY VULNERABILITIES**

Many IoT devices lack robust security measures, making them susceptible to hacking and cyberattacks.

AI systems can be vulnerable to adversarial attacks, where malicious actors manipulate data to trick the AI into making incorrect decisions.

### **COMPLEXITY & MAINTENANCE**

Managing a large number of interconnected devices can be complex, and regular maintenance is required to ensure proper functioning.

Developing and maintaining AI models can be resource-intensive and require specialized expertise.

## **JOB DISPLACEMENT**

Automation of tasks in various industries may lead to job displacement, particularly for roles that involve routine tasks.

AI-powered automation and machine learning may reduce the demand for certain job categories.

## **ETHICAL CONCERNS**

The use of IoT in surveillance and data collection raises ethical questions regarding surveillance and consent.

The AI Decision-Making can sometimes be biased, leading to ethical dilemmas, particularly in critical applications like criminal justice.

## **CONCLUSION**

The integration of IoT and AI in technology development offers significant advantages in terms of efficiency, insights, automation, user experience, and safety. However, it also presents challenges related to privacy, security, complexity, job displacement, and ethical concerns.

To harness the full potential of these technologies, it is essential to strike a balance between their advantages and disadvantages while maintaining a strong focus on ethical and privacy considerations. As these technologies continue to advance, the effects on technology development will continue to evolve, shaping the future of industries and daily life.

# BLOCKCHAIN

## Shaping Tomorrow's Digital Landscape

Blockchain technology has emerged as a disruptive force, revolutionizing various industries and reshaping the digital landscape. At its core, blockchain is a decentralized, distributed ledger system that records transactions across multiple computers in a secure and transparent manner. Beyond its association with cryptocurrencies like Bitcoin, blockchain holds immense potential for transforming diverse sectors and driving innovation.

### KEY FEATURES OF BLOCKCHAIN

One of the key features of blockchain is its inherent security and immutability. By utilizing cryptographic techniques and consensus mechanisms, blockchain ensures that data stored on the network remains tamper-proof and verifiable. This trustless nature eliminates the need for intermediaries, reducing transaction costs and enhancing efficiency.

Moreover, blockchain enables transparent and auditable transactions, fostering trust and accountability in business processes. From supply chain management to financial services, blockchain facilitates seamless tracking and traceability of assets, ensuring authenticity and compliance at every step.

### APPLICATIONS OF BLOCKCHAIN

In addition to its applications in finance and logistics, blockchain holds promise for revolutionizing digital identity management. By providing individuals with self-sovereign identity solutions, blockchain enables secure and privacy-preserving authentication, reducing the risks associated with identity theft and fraud.

Furthermore, blockchain technology is driving innovation in decentralized finance (DeFi), enabling peer-to-peer lending, decentralized exchanges, and programmable smart contracts. These self-executing contracts automate processes and eliminate the need for intermediaries, offering greater transparency, efficiency, and accessibility in financial services.



Looking ahead, the future of blockchain is brimming with possibilities. From enhancing cybersecurity and protecting intellectual property to enabling decentralized governance and fostering inclusive financial systems, blockchain has the potential to reshape the way we interact, transact, and collaborate in the digital age. Embracing this transformative technology is key to unlocking new opportunities and building a more decentralized, transparent, and equitable future.



**MEGANATH V**  
III - ECE



Hanish K A  
III ECE

# MY CALLIGRAPHY IN PHOTOGRAPHY

In today's Tech-Driven world, where we carry powerful computers in our pockets, it's no surprise that Mobile Photography has become an exciting entry point for beginners eager to explore the World of Photography. As we delve into the world of Mobile Photography, we'll uncover why this hobby is rapidly gaining popularity among Tech-Savvy novices.

## The Power in Your Pocket

Smartphones have evolved into more than just communication tools. They are now capable photographic devices, thanks to advancements in camera technology. With multiple lenses, advanced sensors, and intelligent software, smartphones are perfect for Beginners. No need for pricey cameras or extensive accessories; your pocket-sized device is your gateway to the world of photography.

## Accessibility and Intuitive Use

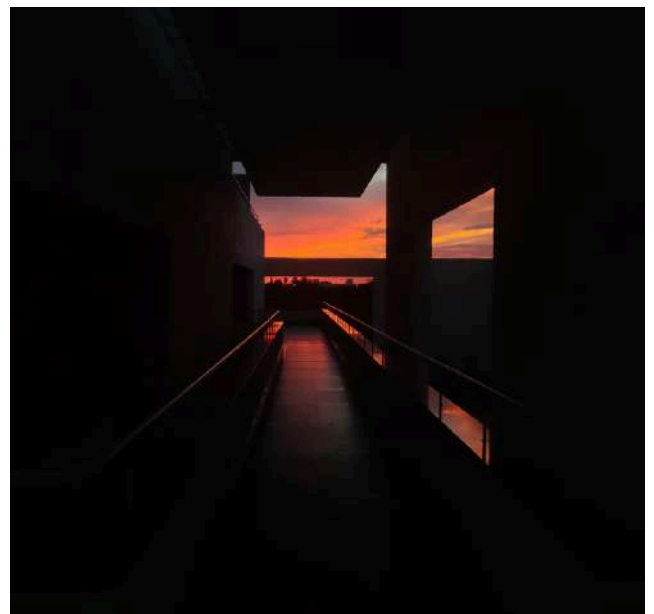
One of the key Attractions for Tech Enthusiasts new to Mobile Photography is its accessibility and user-friendly nature. Modern smartphone cameras are remarkably straightforward, featuring intuitive interfaces and automatic settings that help even the most inexperienced individuals capture impressive shots. Additionally, Mobile apps like Adobe Lightroom Mobile and VSCO offer straightforward editing tools, making it easy for beginners to enhance their photos without a steep learning curve.

## Igniting Your Creative Spark

Mobile photography is all about unleashing your creative potential. Experiment with various shooting modes, from portrait to night mode, and harness the power of post-processing features to give your photos a unique twist. Filters, cropping options, and color adjustments are your tools for artistic exploration.

## Conclusion

In conclusion, mobile photography is an accessible and rewarding entry point for beginners interested in photography, especially those with a tech background. Smartphone cameras' impressive capabilities, combined with ease of use, accessibility, and a passionate community of enthusiasts, make this journey both exciting and educational. So, grab your smartphone, unleash your creativity, and embark on your mobile photography adventure today.



# PARTICIPATION IN HACKATHON

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## TECHATHON 2023

In the world of technology and innovation, where change is the only constant, participation in hackathons serves as a litmus test for the ability to thrive in dynamic environments. Our four-membered team, aptly named "**ELITE4**", recently embarked on an exhilarating journey by participating in the prestigious "**Techathon 2023**".

At the heart of our endeavor was the innovative project titled "Feedback Management Protocol." we aimed to create a streamlined and efficient system for feedback collection, analysis, and utilization.

The journey from ideation to execution was nothing short of thrilling, filled with sleepless nights and endless cups of coffee. But our hard work, passion, and collaborative spirit paid off.



**Krishnamoorthy V**  
IV ECE



We not only successfully made it to the finals but also competed fiercely with 15 other exceptional teams, each showcasing their remarkable technological process.

Techathon 2023 provided an invaluable platform for us to connect with like-minded innovators, mentors, and judges, who appreciated our solution for its potential to revolutionize feedback management across various domains.

Our "**ELITE4**" team is proud of our achievement in making it to the finals and our contribution to the ever-evolving tech landscape. We eagerly await the final showdown, where we hope to leave a lasting impression with "Feedback Management Protocol."





# INTELLIGENT SURVEILLANCE - FIFTH SENSE TALK

## »»» CONNECTING THE WORLD

Intelligent surveillance leverages a combination of cutting-edge technologies such as the Internet of Things (IoT), Artificial Intelligence (AI), and data analysis to enhance conventional surveillance systems, enhancing their efficiency and effectiveness. This innovative monitoring solution applies advanced technologies and systems, utilizing sensors, cameras, network connectivity, and intelligent analytical algorithms to optimize monitoring and management across a variety of scenarios. By harnessing advanced technology and algorithms, the intelligent surveillance system offers more intelligent and efficient monitoring solutions, delivering real-time monitoring, intelligent analysis, remote accessibility, and control, ultimately enhancing security, efficiency, and cost savings.

 **Universal  
Biosensors**

**1 in 230**  
cats  
have  
diabetes

**PETRACKR**



## »»» BIOSENSING TECHNOLOGY

Biological sensors can be utilized for tracking and overseeing the well-being and behavior of animals, encompassing aspects like the physical activity of dairy cows and the air quality within their breeding surroundings. This data can be seamlessly transmitted to a cloud-based platform through the Internet of Things (IoT), enabling farmers to carry out real-time monitoring and analysis, thus enabling them to promptly enact measures to safeguard animal health. Let them Live a healthy and safety life.

Written by  
Mrs.M.Shiva Shankari, AP/ECE





**Vigneshwaran G**  
**IV - ECE**

*“Trading in the Indian stock market has gained significant popularity over the years as India's economy has continued to grow”*

*Here's an overview of trading in the Indian stock market*

## **Types of Trading**

**Traders can engage in various types of trading in the Indian stock market, including:**

### **INTRADAY TRAINING**

Buying and selling stocks within the same trading day.

### **DELIVERY TRAINING**

Buying and holding stocks for the long term.

### **FUTURES AND OPTIONS TRADING**

Trading in derivative instruments based on the future price of stocks.

## STOCK EXCHANGES

India has two major stock exchanges, the National Stock Exchange (NSE) and the Bombay Stock Exchange (BSE). These exchanges facilitate the trading of stocks, commodities, and derivatives.

## TRADING HOURS

The Indian stock market operates on weekdays from Monday to Friday. The market opens at 9:15 AM and closes at 3:30 PM Indian Standard Time (IST). There are also pre-market and post-market trading sessions with limited trading hours.

## REGULATION

The Securities and Exchange Board of India (SEBI) is the regulatory authority overseeing the Indian stock market. It formulates and enforces regulations to ensure fair and transparent trading practices.

## STOCK INDICES

Key stock indices in India include the Nifty 50 and the Sensex, which represent the performance of top companies listed on the NSE and BSE, respectively.

## MARKET PARTICIPANTS

The Indian stock market has a diverse participant base, including retail investors, institutional investors, foreign institutional investors (FIIs), and high-frequency traders.

## MARKET VOLATILITY

The Indian stock market can be volatile, influenced by domestic and global economic factors, political events, and corporate developments.

## INVESTOR EDUCATION

It's advisable for individuals to educate themselves about the stock market before participating in trading. Many educational resources and courses are available to help investors make informed decisions.

# TRADING IN INDIAN STOCK MARKET

## TRADING ACCOUNTS

To participate in stock trading, individuals need to open a Demat (dematerialized) and trading account with a registered brokerage firm.

## RISK MANAGEMENT

Trading in the stock market involves risks, and it's essential for traders to have a well-defined strategy, risk management plan, and knowledge of market dynamics.

## MARKET NEWS AND ANALYSIS

Staying updated with market news, financial reports, and technical analysis tools is crucial for making informed trading decisions.

## TAXES

Capital gains tax is applicable on profits made from trading in the Indian stock market. The tax rates can vary based on the duration of the investment and the type of security traded.

## TECHNOLOGY

Advancements in technology have made online trading accessible to a broader audience. Mobile trading apps and online trading platforms have become popular tools for traders.







**ഉമ്മായുധ് പാത്രമാധ്യം :-**

ഉമ്മായുധ് നമസ്തു ചിദ്രൂപതലേ ഭക്തജനാഭിം ശുഭതീർത്ഥധാരാ സൃഷ്ടയാ,  
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**പ്രാർത്ഥന :-**

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“ ഉമ്മായുധ് ശുഭതലേ ശുഭതലേ,  
ശുഭതലേ ശുഭതലേ . ”



Sujitha R  
III - ECE

# PIECES OF THE WHOLE



ARASU C  
III - ECE

There's an old adage that says college is supposed to be the best time of your life. Our four years on campus are full of amazing times. But college can also be one of the hardest times — living away from home for the first time, juggling friends, exams and papers, internships and jobs, and trying to stretch your food budget as far as you can. No matter if you need a good laugh, reassurance that all your hard work will pay off, or maybe something to make you crack a smile, the right quotes can motivate you to slay your way through college.

## 5 WAYS TO PREPARE FOR A FRESH START

Before starting your Golden days in college ask the below questions to yourself.  
Closing a big chapter in your life with graduation?  
Or just looking to turn a new leaf out of the blue?

## LIST YOUR VALUES

- Everything you do in life should align with your values.
- Rank your values in the order of importance to you. They can include family, career, travel, and more.

Let this list act as a compass on your new journey. It can guide you on your goals and priorities.

## VISION BOARD YOUR FUTURE

- Vision boards are great for keeping your goals in sight. What do you accomplish in your future?
- Fill the board with inspiring images and quotes. Hang the board somewhere you'll always see it. Or create a digital one and set it as a wallpaper.
- The vision board will motivate you to pursue your dream life.

## SPRING CLEAN AWAY

- Freshen up your physical space for new beginnings.
- Does your wardrobe no longer feel like you?
- Donate your old clothes to make room for new ones.
- Feng shui your whole room and do a digital cleanse.
- Delete old emails, photos, and essay drafts you'd rather forget.
- Out with the old and in with the new!

## CLEAN UP YOUR WORK

- Why stop at just your wardrobe?
- They say your hair carries a lot of old energy.
- Looking like a new person can help you feel like one.
- Express yourself by trying something more "you".

# THE G.O.A.T

In the realm of football, Lionel Messi is a name that needs no introduction. From his humble beginnings in Rosario, Argentina, to becoming one of the greatest footballers of all time, Messi's life story is nothing short of extraordinary. This magazine takes you on a captivating journey through the life and career of the man they call "La Pulga" (The Flea).

At the age of 13, Messi and his family made a life-altering decision to move to Spain, where he joined the youth academy of FC Barcelona, La Masia. This marked the beginning of an incredible journey with the Catalan club. Messi's dazzling skills, vision, and goal-scoring prowess soon made him a household name in football.

One of the defining aspects of Messi's career was his rivalry with Cristiano Ronaldo. The battle for supremacy between these two football giants captured the world's attention for over a decade, and their consistent excellence pushed each other to unprecedented heights.



Messi's career at FC Barcelona was nothing short of legendary. He shattered numerous records, including the most goals scored in a calendar year and the most goals in a single European club season. His partnership with players like Xavi and Iniesta defined an era of dominance for the club, winning numerous domestic and international titles.

on dec 18,2022 biggest game in messi's Carrer he and his teammates played world cup finals against France.This match was super intersting and it is said to be the Greatest football match played ever.The little boy from saint FA just pitched up in Heaven.Messi has conquered his final peak.Argenitana won the world cup after 32 years

Lionel Messi's life story is a testament to the power of talent, determination, and unwavering support. From his early struggles with health issues to his iconic moments on the football pitch, Messi's journey is an inspiration to football enthusiasts worldwide. As he continues to evolve and set new records, one thing is certain: the legend of Lionel Messi will endure for generations to come.

"Forever and whatever you are my GOAT LEO"



# MY MOTHER



Kayal Vizhi R  
III - ECE

*MY MOTHER  
SUCH BEAUTIFUL EYES  
WHICH CRY FOR ME  
SUCH SOFT HANDS  
WHICH WORK HARD FOR  
ME  
SUCH SMOOTH FEET  
WHICH WALK ALONG  
WITH ME  
SUCH WONDERFUL  
HEART  
WHICH ALWAYS THINK  
ABOUT ME  
SUCH A LOVELY SOUL  
WHICH LOVES  
EVERYONE  
UNCONDITIONALLY  
SUCH KIND WORDS  
WHICH HEALS ME  
EVERYTHING THAT SHE  
DOES IS FOR ME  
LOVE MY MOM*



Dreams  
don't  
work  
unless  
you do

## *Motivational Poem*

*In life's vast sea, we sail so free,  
With dreams that light our destiny.  
Through trials and storms, we'll find our  
way,  
For in our hearts, hope's fire will stay.*

*When darkness falls and doubts creep in,  
Remember the strength that lies within.  
With every challenge, we learn and grow,  
Embrace the journey, let your spirit flow.*

*Rise above fear, reach for the skies,  
Unleash the power that in you lies.  
Believe in yourself, for you are strong,  
In the face of adversity, you'll belong.*

*With each new dawn, a chance to begin,  
To chase your dreams, let your heart sing.  
No mountain's too high, no goal too far,  
You're a shining light, a rising star.*

*So hold your head high, with purpose and  
grace,  
For in your journey, you'll find your place.  
Keep moving forward, one step at a time,  
In this beautiful life, let your spirit climb.*

*Embrace the challenges, they'll make you  
whole,  
You have the fire, you have the soul.  
You are the captain of your fate,  
In your hands, your destiny awaits.*

*So let your passion burn, your dreams  
ignite,  
For in the darkness, you'll be the light.  
You have the strength to overcome and  
soar,  
Believe in yourself, forever more.*



Sriram Sundar S. M.E (Ph.D.)  
AP/ECE  
CARE College of Engineering  
Trichy



**SAKTHIVEL N**  
III ECE  
MIMICRY / VOICE ACTOR

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**ABOUT ME**

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I have done various entertainment shows in Local Broadcasting Channel. I have experiences working individually and as a team member. My principle in working is exposure because the core of digital marketing is all about how to increase the exposure of the promoted product.

**EXPERIENCE**

---

● **Musical Journey**

- Participated in **VIJAY TV SHOWS** LIKE **KPY4** and **VIJAY TAKKAR** Event Festivals.
- I have a composed a New Album Music Tracks by using **ELECTRONIC MUSIC PRODUCTION** Softwares.
  - FL STUDIO PRO 21
  - ABLETO LIVE
  - LMMS

● **Voice Acting**

- Ready to do Multiple Mono Acting of Familiar Celebrities voice and voice overs.
- Have Participated in my College Cultural Events.

**STARTUP COMPANY**

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**YAALI DIGITAL STUDIO**

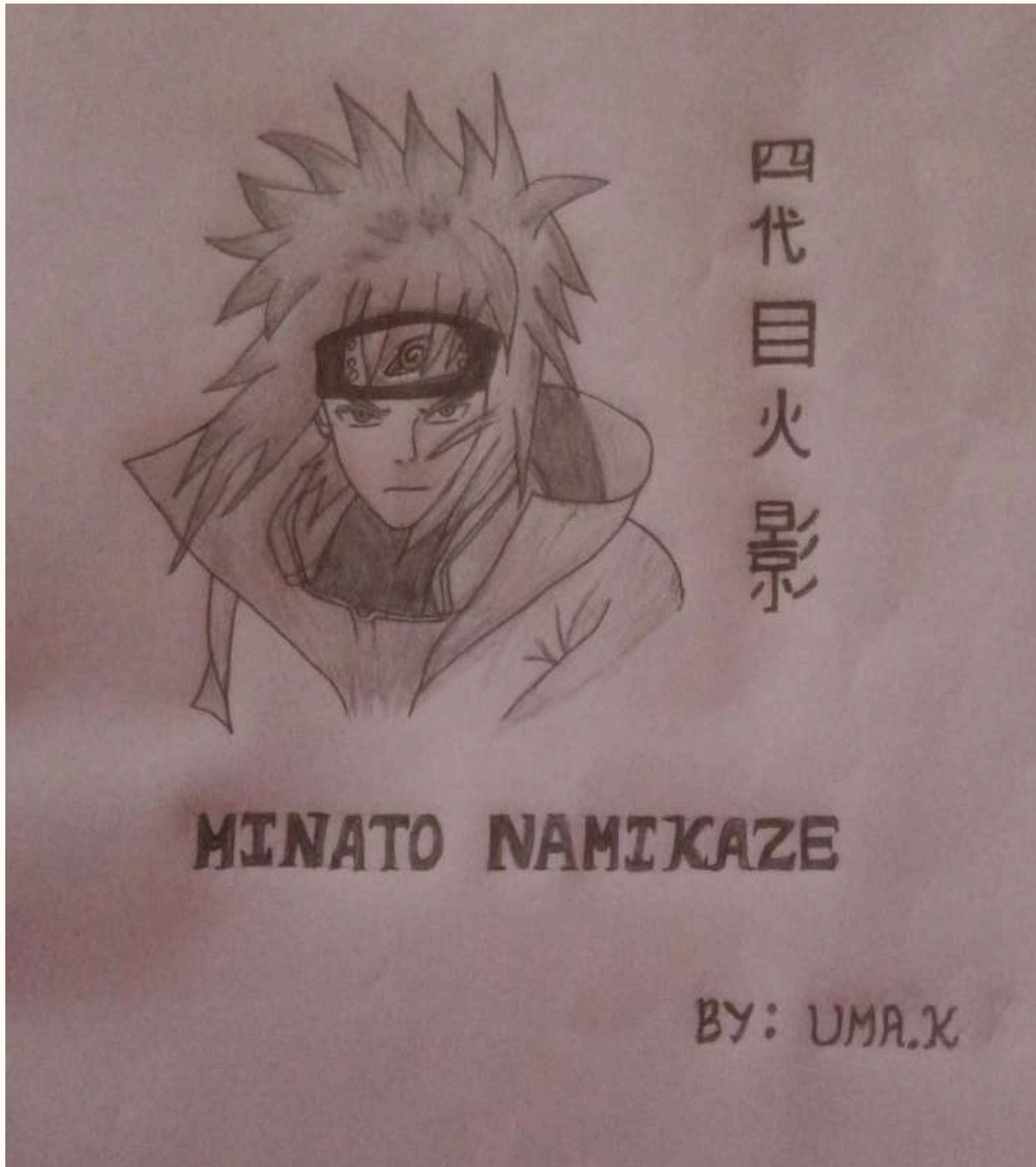
SINCE 2002

MIMI TAMIL MEDIA PRODUCTIONS AND  
SOCIAL MEDIA CONTENT CREATIONS



**Divyadharshini G**  
**III - ECE**





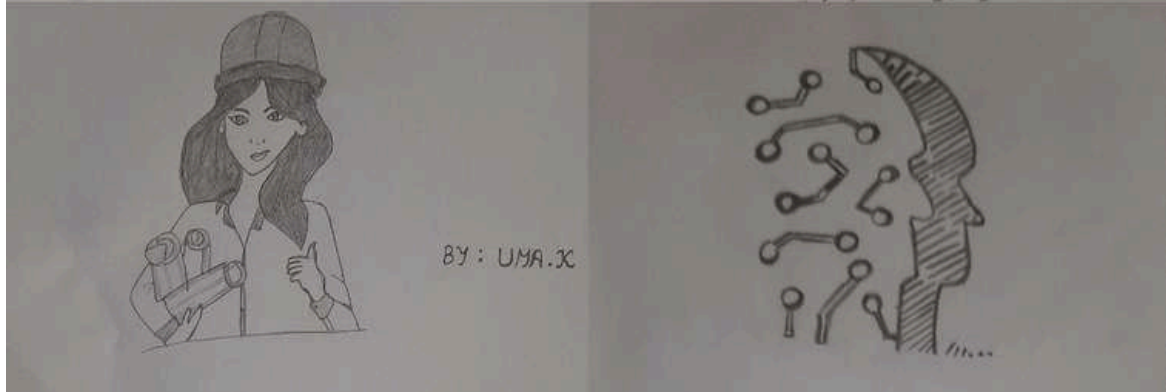
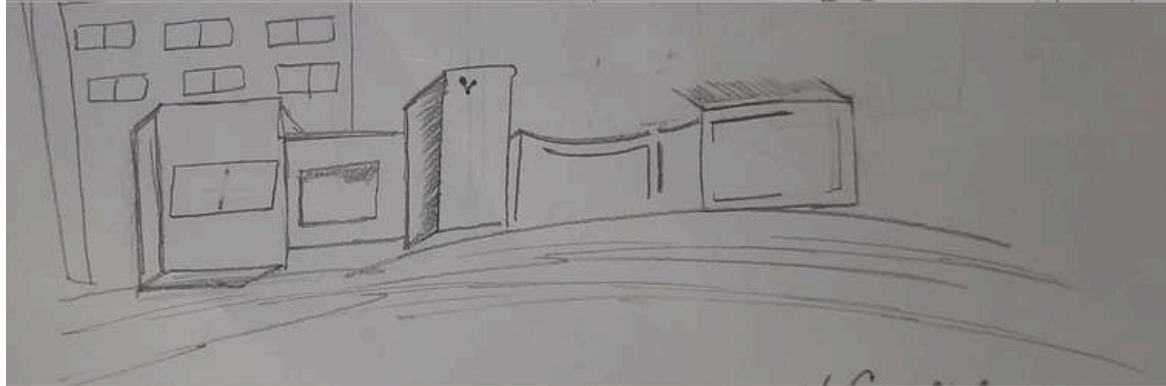
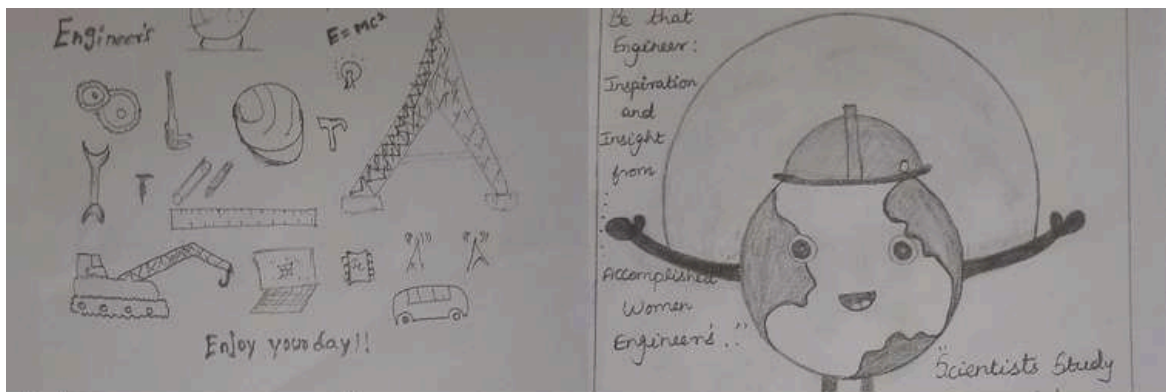
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**Arockiya Jayaraj S**  
**III - ECE**



**Jenin J S**  
AP/ECE

CARE College of Engineering

# Thank You



Dear Readers

We want to take a moment to express our Deepest Gratitude to each and every one of you for your unwavering Support and Loyalty to our Department's magazine. Your Enthusiasm and continued readership inspire us every day.


*"Your readership is the wind beneath our creative wings  
Thank you for turning the pages of our magazine and being a part  
of our story."*

Your support is the fuel that propels us forward. We are committed in delivering more Insightful Articles, Captivating Features, and Breathtaking Visuals to keep you engaged in this Magazine. We Promise to continue striving for Excellence and Innovation.

Please feel free to reach out to us with any feedback, suggestions, or requests you may have. Your voice is invaluable to us as we work to make our magazine even better.

Once again, Thank you from the bottom of my heart for your support. We look forward in continuing this Incredible Journey with you.

Sincerely



Samruth Sriram D

