ISTS PULSE
COLLEGE MAGAZINE

The Voyage of Every ISTSian

Volume: IV - 2026



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MOTTO

Service & Excellence

VISION

To continuously evolve as a pre-eminent center of excellence in emerging technologies, dedicated to empowering women and nurturing their talents, with a focus on cultivating them as visionary global leaders.

MISSION

- Our mission is to provide a supportive and inclusive environment where women can thrive in the field of emerging technologies.Our mission is to provide a supportive and inclusive environment where women can thrive in the field of emerging technologies.
- Through our comprehensive programs, we aim to nurture their talents, enhance their technical skills, and foster their leadership abilities.
- By cultivating a community of visionary global leaders, we strive to create a lasting impact on the technological landscape, where women play a pivotal role in shaping the future

Message from the CHAIRMAN



Dear Students,

"We cannot always build the future for our youth, but we can build our youth for the future." - Franklin D. Roosevelt

These words beautifully capture the vision of International School of Technology and Sciences for Women (ISTS). Our responsibility is not merely to prepare students for examinations or careers, but to prepare them for life and for a rapidly changing future.

At ISTS, we believe that education must go beyond textbooks and classrooms. Our aim is to teach students to LEARN, THINK, CREATE and LEAD—not simply to study. We strive to provide a holistic environment where knowledge is transformed into skills, ideas into innovation, and dreams into meaningful careers.

Preparing Women Engineers for Tomorrow

The world is entering an extraordinary era of technological transformation. Artificial Intelligence, Data Science, Robotics, Automation, Cloud Computing, Cyber Technologies, Sustainable Technologies and emerging digital innovations are redefining the future of work.

Our students must therefore be more than degree holders. They must become confident professionals, innovative thinkers, responsible citizens and courageous leaders.

Our message to every ISTSian is simple:

You are not merely preparing for the future—you are preparing to shape it.

You are the nation-builders and agents of change. The knowledge you acquire, the values you develop, the skills you master and the leadership qualities you cultivate will become your greatest contribution to your families, society and our nation.

Learning Beyond the Classroom

We are proud to have created an on-campus **Tech Park**, providing students with opportunities to experience the professional environment while pursuing their education. This initiative is designed to help students gain exposure to emerging technologies, corporate culture, professional skills and real-world experience, while creating opportunities to "Earn While Learning."

Our achievement of 100% Placement for the academic year 2025–26 is a matter of great pride. However, we consider placement not as the destination, but as one milestone in a student's larger journey towards professional excellence and lifelong success.

Our Trust in You

Dear Students, we believe in your potential.

We may not be able to build the future for you, but we can equip you to build the future yourselves. At ISTS, every effort is made to provide you with the knowledge, opportunities, guidance and environment necessary to discover your strengths and transform your aspirations into achievements.

Remember, great challenges demand great effort, and great effort ultimately bears the sweetest fruits of success.

Begin your journey with confidence. Learn something new every day. Dare to experiment. Do not fear failure. Keep moving forward.

“You don't have to be great to start, but you have to start to be great.”

May this Dussehra Special Edition of ***ISTS PULSE*** inspire every ISTSian to embrace the spirit of goodness, courage, knowledge and innovation.

Let us move From Ancient Values to Advanced Horizons and build a future where technology is guided by wisdom, innovation is driven by purpose, and every woman engineer has the confidence to dream, achieve and lead.

With my very best wishes for your success and a bright future,

-Kallem Upender Reddy
Chairman

Message from the VICE-CHAIRMAN



Dear Students, Faculty Members, and Readers of ISTS PULSE,

It gives me immense happiness to be part of ISTS PULSE – Dussehra Special Edition 2026, a wonderful reflection of the creativity, achievements, aspirations and vibrant spirit of the ISTS family.

Dussehra is more than a festival—it is a reminder that goodness triumphs over adversity, knowledge over ignorance, courage over fear, and hope over despair. These timeless values have a special relevance in the lives of our young women engineers as they prepare to shape the future.

At International School of Technology and Sciences for Women, we believe that education is not simply about earning a degree. It is about discovering one's potential, developing confidence, acquiring skills, building character and creating the courage to dream beyond boundaries.

Today, technology is transforming our world at an unprecedented pace. Artificial Intelligence, Data Science, Robotics, Automation, Cloud Computing, Cybersecurity and emerging technologies are creating new opportunities and new challenges. Our students must therefore be ready not only to use technology but also to innovate, lead and use technology responsibly for the betterment of society.

We are proud of the opportunities being created at ISTS to connect education with industry and learning with real-world experience. Our efforts to provide practical exposure, industry interaction, professional training and career opportunities are aimed at ensuring that every student walks confidently from the campus into the corporate world.

Dear Students, Believe in yourself.

Your background does not define your destination. Your determination, discipline, knowledge and willingness to learn will define your journey. Never be afraid of failure; every challenge is an opportunity to become stronger and wiser.

As women engineers, you have a unique responsibility and an extraordinary opportunity—to become innovators, entrepreneurs, professionals, leaders and role models for the generations that follow.

Let the spirit of Dussehra inspire you to overcome every obstacle within and around you. Let knowledge be your strength, technology your tool, values your foundation and dreams your direction.

I hope every page of this special edition of ISTS PULSE inspires you to think differently, dream bigger and move forward with confidence.

From Tradition to Technology, From Knowledge to Innovation, From Dreams to Achievement.

Let Every ISTSian Become a Force for a Better Tomorrow.

My heartfelt congratulations to the Editorial Team, Faculty Members and Students who have contributed to this special edition. May ISTS PULSE continue to provide a platform for young minds to express, inspire and create.

Wishing the entire ISTS family a joyful, prosperous and inspiring Dussehra.
With warm wishes and blessings,

Ms. Vangala AnushaVice-Chairman

Message from the PRINCIPAL



It gives me immense pleasure to present ***PULSE***, the creative and vibrant magazine of our institution. More than a collection of articles, poems, stories and creative expressions, ***PULSE*** reflects the thoughts, talents, dreams and aspirations of our students and faculty.

Education is not confined to classrooms, laboratories and examinations. True education encourages us to think, imagine, question, create and express. The pages of ***PULSE*** provide a wonderful platform for our young women to discover their voices, share their perspectives and celebrate their creativity.

Our students are not merely preparing for careers; they are preparing to become confident professionals, responsible citizens and compassionate human beings. I am particularly proud to see our students balancing technical education with literature, art, storytelling and other creative pursuits.

I sincerely appreciate the Editorial Board, faculty members and every student contributor whose efforts have brought this issue to life. Each article, poem and story represents a thought, an experience or a dream—and together they create the unique spirit of our institution.

Let ***PULSE*** continue to inspire us to dream boldly, learn continuously and create fearlessly.

I wish the magazine great success and hope every reader finds something here that inspires, enlightens or simply brings a smile.

With best wishes,

Dr. Y. Rajasree Rao
Principal
International School of Technology and Sciences for Women

The Editor's Desk



Dear Readers,

With great enthusiasm and heartfelt joy, we present *"ISTS-PULSE"* , Dussehra Special Edition 2026, a celebration of the creativity, curiosity, imagination, and spirit that make our ISTS family truly special.

A college magazine is much more than a collection of articles and photographs. It is a reflection of the people, experiences, dreams, and memories that shape our journey through an academic year. Every page of this edition carries a thought, a story, an achievement, or a creative expression contributed by our students and faculty. Together, these voices form a vibrant picture of life at ISTS.

This year's theme, "Dussehra – Emerging Technologies and Their Impact on Society," brings together two powerful ideas: the timeless values of our heritage and the transformative possibilities of technology. Dussehra reminds us that goodness can overcome adversity, knowledge can overcome ignorance, and courage can overcome fear. In the same spirit, emerging technologies are changing the way we learn, communicate, work, create, and contribute to society.

As you turn these pages, you will discover reflections on innovation, technology, student achievements, creative thoughts, and the many ways in which our young women engineers are preparing themselves to become responsible contributors to a rapidly changing world.

One of the most inspiring aspects of this edition is the voice of our students. Their projects, ideas, experiences, dreams, and creative expressions remind us that innovation often begins with a simple question, a curious mind, and the courage to imagine something better. The dedication of our faculty members in teaching, mentoring, research, and knowledge creation adds another important dimension to this journey.

Beyond classrooms and laboratories, ISTS encourages students to ask not only "Can we build it?" but also "Should we build it, and for whom?"—because true innovation is not merely about creating something new, but about creating something meaningful, useful, ethical, and beneficial to society.

We sincerely thank our Chairman, Vice-Chairman, Management, Principal, faculty members, students, and every contributor whose encouragement and efforts have helped bring this edition to life. A special word of appreciation goes to our editorial team, whose patience, teamwork, creativity, and countless hours of effort have shaped these pages.

As you read *ISTS-PULSE* , Dussehra Special Edition 2026, we hope you will not simply turn the pages, but pause, reflect, smile, remember, and perhaps discover a new idea or inspiration of your own.

May this Dussehra remind us that values should guide technology, knowledge should inspire innovation, and innovation should serve humanity.

From Tradition to Technology.
From Knowledge to Innovation.
From Ideas to Impact.

May every ISTSian continue to dream boldly, learn continuously, innovate responsibly, and inspire others.

Happy Dussehra and Happy Reading!

With warm regards,

On behalf of the Editorial Team
ISTS-PULSE – Dussehra Special Edition 2026



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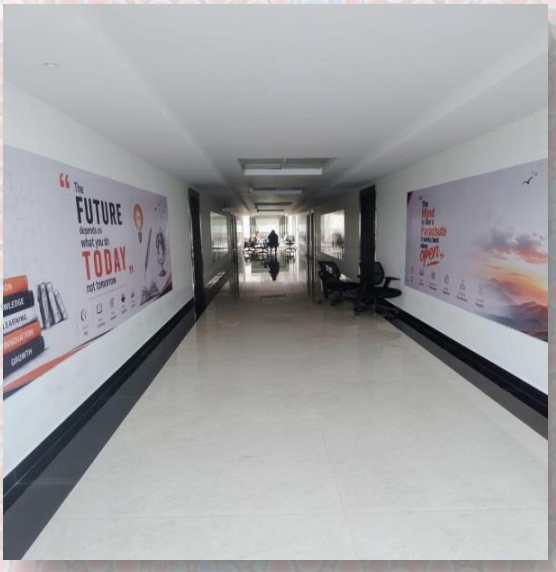
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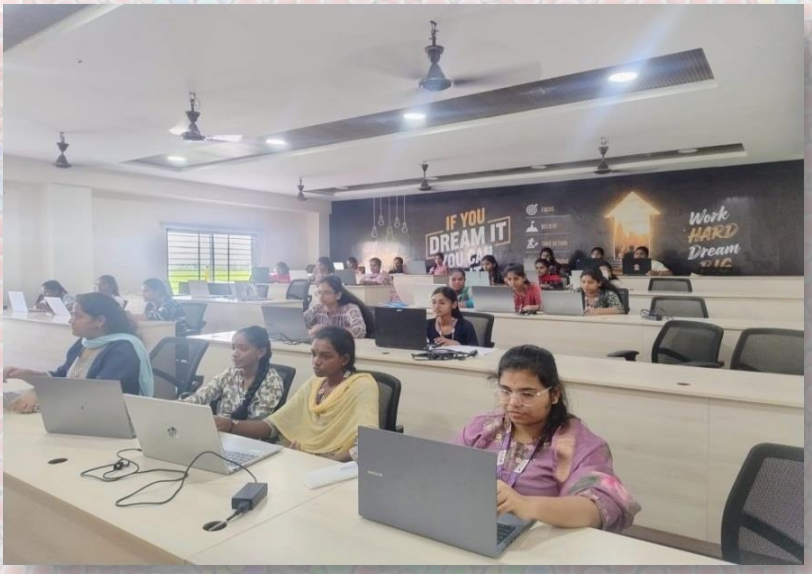
TRAINING, PLACEMENT AND COLLABORATION

Placement Excellence – Where Talent Meets Opportunity

The academic year 2025–26 marked yet another remarkable chapter in the journey of International School of Technology and Sciences for Women (ISTS)**.** For the third consecutive year**,** ISTS achieved an impressive milestone of 540+ placement offers, reflecting the talent, determination and employability of our students.

In an era where industry expectations are constantly evolving, this achievement stands as a testament to our **career-driven, skill-oriented and industry-focused training programmes**. At ISTS, we believe that true education must extend beyond the classroom and prepare students to confidently step into the professional world.ISTS Tech-Park: Bridging Campus and Corporate





As part of our commitment to industry integration, ISTS has established an on-campus Tech-Park designed to bridge the gap between academia and industry. The Tech-Park provides students with opportunities to experience the professional environment, work with emerging technologies, understand corporate culture and gain valuable practical exposure.

Through this initiative, students can begin gaining professional experience from B.Tech II Year onwards**,** including opportunities for paid internships and "Earn While Learning." This unique approach enables students to develop technical competence, workplace confidence and professional maturity while pursuing their education.

Learning from Industry, Growing with Experience

Our strong association with industry leaders, corporate experts and an active alumni network has created meaningful opportunities for students to interact with professionals and understand real-world expectations. These engagements provide valuable insights into emerging technologies, workplace practices and career opportunities.

During 2025–26, ISTS hosted 150+ companies**,** creating a diverse platform of opportunities for students from engineering and management programmes.

Our comprehensive placement ecosystem includes industry-oriented training, vendor-based programmes, specialized placement preparation through initiatives such as Udaan, Tech Mahindra Centre of Excellence, mock interviews and skill-based training. Together, these initiatives have empowered our students to approach the corporate world with greater confidence and competence.

Building Careers. Shaping Futures.

Our commitment does not end with securing a job. We remain dedicated to supporting every student throughout the **campus-to-corporate journey**—helping them transform knowledge into skills, skills into opportunities and opportunities into successful careers.

With placements continuing for the 2025–26 batch, we look forward to reaching even greater milestones in the months ahead.

We take immense pride in our students who have earned opportunities with esteemed organizations and, through their achievements, continue to strengthen the global brand of ISTS.

At ISTS, we believe:

Talent needs opportunity.
Skills create confidence.
Experience builds excellence.
And determination transforms dreams into success.

ISTS is where Talent Meets Opportunity.
Where Learning Meets Industry.
Where Young Women Become Future Leaders.

Training & Placement Cell – Empowering Students for Career Excellence

At the International School of Technology and Sciences for Women (ISTS), preparing students for successful and rewarding careers is not merely a goal—it is a commitment to excellence. From the very first semester, students are encouraged to develop the knowledge, skills, confidence, and professional attitude required to succeed in an increasingly competitive world.

The ISTS Training & Placement Cell (T&P Cell) serves as a vital bridge between academic learning and the corporate world. Through a structured and comprehensive training process, the T&P Cell prepares students to confidently face placement challenges and transform their potential into professional success.

The training programme encompasses a wide range of activities, including technical refresher sessions, mock group discussions, resume building and reviews, personal feedback, communication skills, aptitude preparation, and professional etiquette training. Every activity is carefully designed to enhance students' employability and help them present their abilities with confidence.



One of the most impactful stages of the programme is the Mock Interview Session, where experienced industry professionals, including technical experts and HR specialists, interact with students through one-on-one interviews. Each session provides students with a realistic interview experience, followed by valuable, personalized feedback on their strengths and areas for improvement.

These interactions go beyond interview preparation. They help students overcome hesitation, strengthen their communication, understand industry expectations, build self-confidence, and develop the professional mindset needed to succeed in the workplace.

From July to September, the T&P programme was successfully conducted across multiple departments, including Computer Science and Engineering, Electronics and Communication Engineering, Artificial Intelligence & Machine Learning, Artificial Intelligence, Cyber Security, Artificial Intelligence & Data Science, Agricultural Engineering, MBA, MCA and M.Tech

At ISTS, we believe that every student has the potential to achieve excellence when given the right guidance, training, and opportunities. The T&P Cell therefore works continuously to transform students from job seekers into confident, competent, and industry-ready professionals.

he comprehensive and student-centric approach of the ISTS Training & Placement Cell ensures that graduates are prepared not only with technical expertise but also with the communication skills, confidence, attitude, and professional values required to make a successful transition from campus to corporate life.

ISTS T&P Cell—Building Skills, Creating Confidence, Shaping Careers, and Empowering Women for a Brighter Future





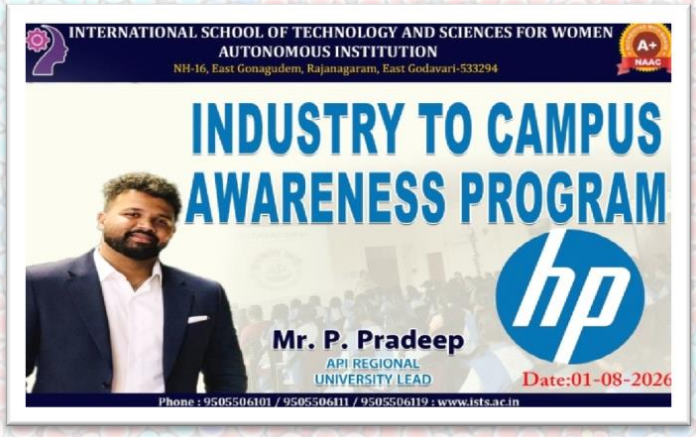
NURTURING TALENT, SHAPING CAREERS:

A Year in Training and Placements

Bridging the Gap between Campus and Industry: Inspiring Students to Build Their Future

The International School of Technology and Sciences for Women (ISTS) organized a Campus to Industry Awareness Programme on 1st August 2026, featuring **Mr. P. Pradeep, API Regional University Head, HP India**, as the resource person.

The programme provided students with valuable insights into the industry ecosystem, emerging technologies, career opportunities, professional expectations, and the skills required to succeed in the corporate world. Interaction with an experienced industry professional helped students gain a clearer understanding of how their academic learning can be transformed into practical knowledge and meaningful career opportunities.





Such initiatives play a vital role in bridging the gap between classroom education and industry requirements. When students get the opportunity to listen to and interact with professionals from leading industries, they are inspired to think beyond textbooks, explore new possibilities, develop relevant skills, and set clear career goals.

At ISTS, we believe that education is not merely about earning a degree—it is about preparing students to face the real world with confidence, competence, creativity, and a strong sense of purpose. Industry-awareness programmes, expert interactions, internships, skill-development initiatives, and hands-on learning provide students with the exposure necessary to understand the rapidly changing professional landscape.

The valuable guidance shared by **Mr. P. Pradeep of HP India** encouraged students to look ahead, identify their strengths, continuously upgrade their skills, and prepare themselves for the opportunities of to used women professionals who are prepared not only to enter the workforce but also to contribute meaningfully to society and lead in their chosen fields.





Bridging the Campus–Industry Divide: ***Regional Head Birla Soft****, interacting with students of ISTS during the Industry Awareness Programme organized on 10th July 2026. The session focused on industry expectations, career opportunities, emerging technologies, and the skills required for professional success*



MOU with Hackboard for Hands on training & Internships





Career TiQ and ISTS Join Hands Through MoU to Advance Cybersecurity Education and Skills





Two Days workshop on Cyber Security by SpyPro Security Solutions Pvt Ltd,



Nandifoundation softskills Training Program





Honeywell Certiifications by ICT Academy





Cargil HR Meet





Lumen Industry awareness Program





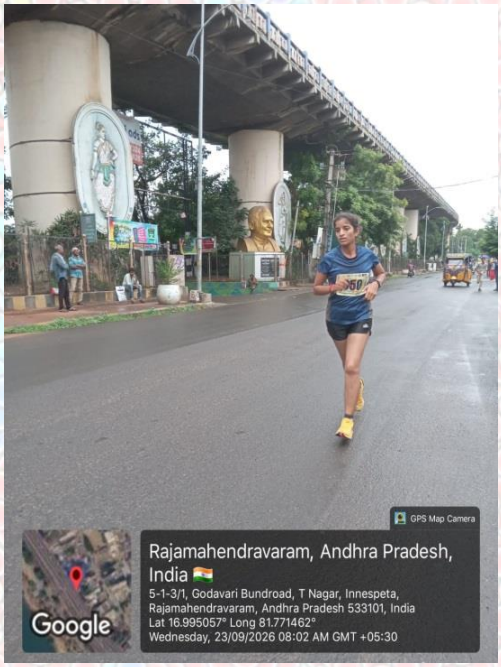


PEGA Boot Camp Program by Talentsprint



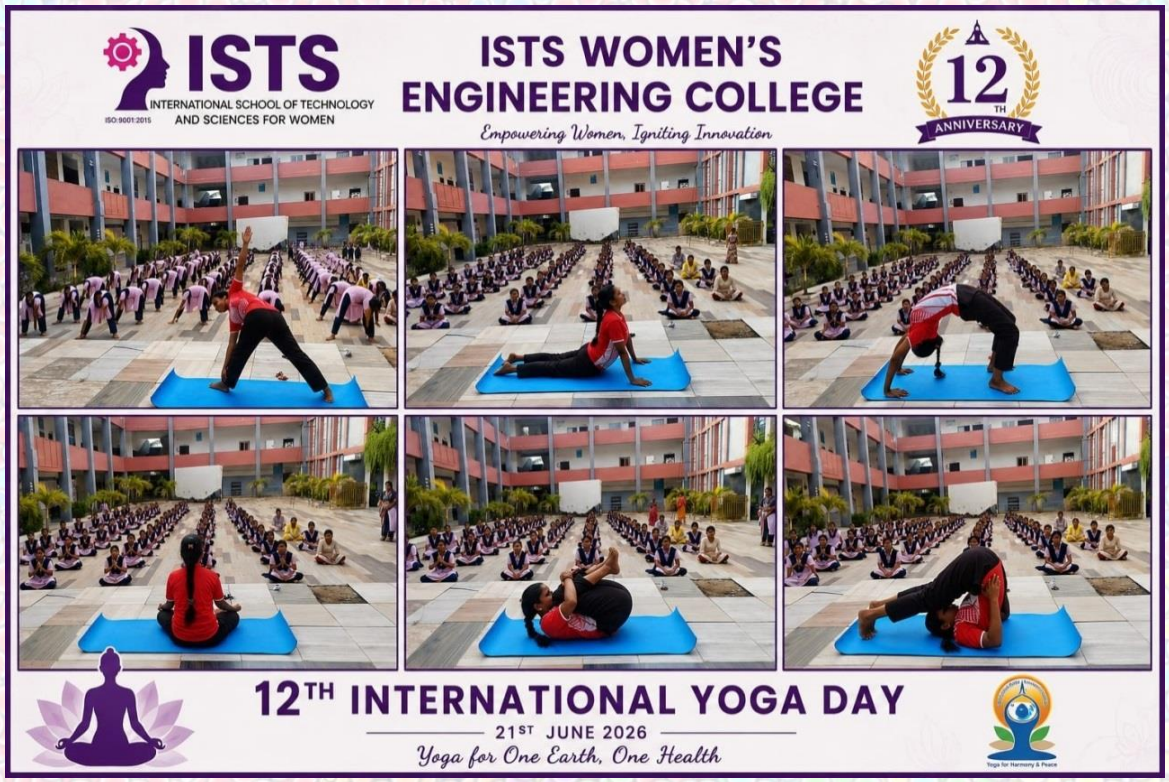


5K Run at Rajahmundry





10K Run at Rajahmundry Organized by Redcross





ABN ఆంధ్రజ్యోతి

రాష్ట్ర స్థాయి క్రికెట్ పోటీల్లో లిఖిత ప్రతిభ

రాజానగరం, సెప్టెంబరు 29 (ఆంధ్రజ్యోతి): ఇటీవల మంగళగిరిలో జరిగిన రాష్ట్ర స్థాయి మహిళా ఆంధ్ర ప్రీమియర్ లీగ్‌లో తూర్పుగోదావరి జిల్లా రాజానగరం మండలం తూర్పుగోన గూడెంలోని ఐఎస్‌టీఎస్ మహిళా ఇంజనీరింగ్ కళాశాల థర్డ్ ఇయర్ విద్యార్థిని గారపాటి లిఖిత ప్రతిభ కనబర్చింది. తొలి సీజన్‌లో జరిగిన ఫైనల్ మ్యాచ్‌లో గోదావరి గోల్డెన్ ఈగల్స్ జట్టుపై రాయలసీమ జెన్‌స్టార్స్ జట్టు విజయం సాధించింది. ఈ మ్యాచ్‌లో రాయలసీమ జట్టు తరపున ప్రాతినిధ్యం వహించిన లిఖిత ఆల్‌రౌండర్‌గా అద్భుత ప్రతిభ కనబర్చింది.ఈ సందర్భంగా విద్యార్థినికి కళాశాల చైర్మన్ కళ్లం ఉపేందర్‌రెడ్డి,వైస్ చైర్మన్ కళ్లం అనూషారెడ్డి, ప్రిన్సిపాల్ వై.రాజశ్రీరావు, డీన్లు ఆర్.ప్రసాద్, శ్రీనివాసరావు, వివిధ విభాగాల అధిపతులు, ఏవో ఇక్బాల్, అధ్యాపకులు అభినందనలు తెలిపారు.



అల్‌రౌండర్ లిఖిత

30/09/2026 | East Godavari | Page : 7
Source : https://epaper.andhrajyothy.com



Champion Woman Andhra Premier League

THE WOMAN WHO WORE TWO CROWNS

Every morning at six, Ananya's day began— not with an alarm, but with responsibility. She prepared breakfast, helped her children get ready for school, and made sure her elderly mother-in-law had her medicines.

By eight-thirty, she was dressed for work and ready to face another demanding day as a project manager in a technology company.



At the office, Ananya was known for her leadership. She handled difficult projects, guided her team, attended meetings and made important decisions. Her colleagues often wondered how she remained calm under pressure.



One evening, after returning home late, her young daughter asked, "Mummy, how do you manage everything?" Ananya smiled and replied, "I don't do everything alone. I have learned to ask for help, to trust my family, to organise my time, and most importantly, to believe in myself."



Her husband began sharing household responsibilities. Her children learned to help with small chores. At work, her team supported one another. Ananya realised that women's empowerment does not mean a woman must carry every responsibility alone. It means giving her the freedom, confidence, education and opportunity to choose her path — and the support to succeed.



Years later, Ananya became the director of her organisation. At home, she remained a loving mother, daughter and wife.



On the day of her promotion, her daughter proudly said, "My mother has two crowns — one at work and one at home."

Ananya laughed and hugged her. She knew that her greatest achievement was not simply reaching the top of her career. It was showing the next generation that a woman can dream, lead, care, create and succeed — without giving up who she is.



A truly empowered woman does not have to choose between home and workplace. With education, confidence, equal opportunity and a supportive family, she can make both places stronger. Because when a woman rises, she does not rise alone — she lifts her family, her workplace and society with her.



Dr Y. RAJASREE RAO
PRINCIPAL

My Dear Students

My dear students, you are dreams in flight,
With minds that sparkle, hearts so bright.
You entered ISTS with hopes anew,
And every day, we believe in you.

Learn not just from books and screens,
But from life's challenges and dreams.
Let knowledge be your guiding light,
And courage help you choose what's right.

Be confident, but always kind,
Keep an open and curious mind.
Dream big, but remember too,
Success is built by what you do.

When failure comes, don't be afraid,
For every mistake is a lesson made.
Rise once more, with stronger will,
Climb every mountain, cross every hill.

As women, you carry a special power—
The power to transform every hour.
Lead with wisdom, speak with grace,
And leave your mark in every place.

You may become engineers, leaders, or more,
Entrepreneurs opening every door.
Wherever life takes you, near or far,
Remember—you already are a star.

I may be your Principal today,
But tomorrow, you will lead the way.
And my greatest joy, my proudest view,
Will be seeing the world led by you.

So spread your wings, my daughters dear,
Walk ahead without doubt or fear.
Carry ISTS in your heart always
And make your life a story that inspires and stays.

Dream boldly. Learn endlessly.
Lead fearlessly. Live gracefully.
The future is yours—go and make it brighter.

- *Dr. Y. Rajasree Rao, Principal*

Dussehra – Emerging Technologies and Their Impact on Society

Introduction

Dussehra (Vijayadashami) symbolizes the timeless triumph of good over evil, knowledge over ignorance, and righteousness over corruption. Historically, this victory was achieved through moral strength and wisdom. In the modern era, as society confronts complex challenges—ranging from healthcare crises to environmental degradation—Emerging Technologies serve as our contemporary tools to overcome these societal "evils" and build a progressive future.

Emerging Technologies as Catalysts for Social Good

Artificial Intelligence & Machine Learning :

Healthcare Innovation: Predictive algorithms assist clinicians in early diagnostics, cancer detection, and personalized treatment plans, saving lives by dispelling uncertainty.

Internet of Things (IoT) & Smart Systems:

Precision Agriculture: Smart sensors monitor soil health, optimize water usage, and predict weather patterns, directly empowering rural farmers and strengthening national food security.
Smart Cities: IoT integration improves urban resource management, traffic monitoring, and energy efficiency across local infrastructure.

Blockchain & Cybersecurity:

Transparency & Integrity: Decentralized networks enforce tamper-proof recordkeeping in digital identities, public governance, and supply chains—eradicating fraud and corruption.

Sustainable & Green Technologies:

Environmental Protection: Advances in clean energy, battery storage, and smart grids combat climate change and resource depletion, preserving our planet for coming generations.

Ethical Governance and Responsibility

Technological power requires moral clarity. Challenges such as algorithmic bias, data privacy concerns.

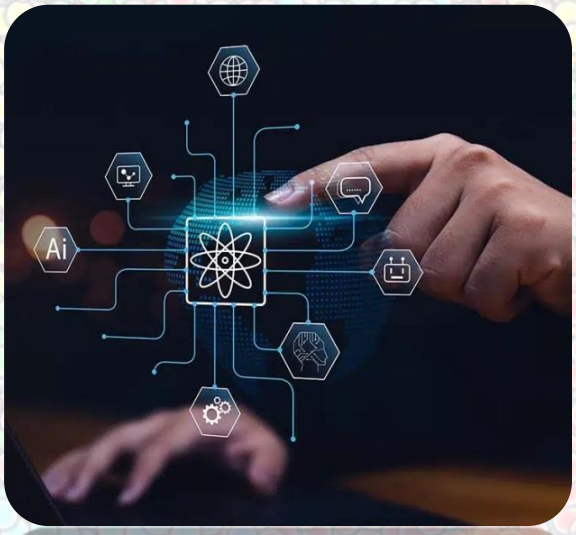
Conclusion

As we celebrate Vijayadashami, let us channel its core spirit into our technical pursuits. By leveraging emerging technologies with wisdom, empathy, and ethical responsibility, we can continue to defeat societal challenges and drive sustainable progress for generations to come.

By: Gandepallu Srilakshm
Assistant Professor,
Department of CSE

Quantum Computing: The Next Revolution in Computing

From Classical Bits to Quantum Qubits



For decades, the progress of computing has been driven by a simple idea: make computers faster, smaller, and more powerful. From room-sized mainframes to smartphones and cloud supercomputers, conventional computing has transformed almost every aspect of modern life. Yet, as we approach the physical and technological limits of classical computers, a radically different approach is emerging—**quantum computing**.

Quantum computing is not simply a faster version of today's computers. It is a fundamentally different method of processing information, based on the unusual laws of **quantum mechanics**. Although the technology is still developing, it has the potential to transform fields ranging from drug discovery and materials science to cybersecurity, artificial intelligence, and optimization.

What Makes a Quantum Computer Different?

A classical computer stores information in **bits**. Each bit can have one of two values: **0 or 1**. Billions of these bits, represented physically by electronic components such as transistors, work together to perform calculations.

Quantum computers use **quantum bits, or qubits**. Unlike a classical bit, a qubit can exist in a combination of the states 0 and 1. This property is known as **superposition**.

Another important property is **quantum entanglement**, in which the states of two or more qubits can become strongly correlated. Quantum algorithms can exploit superposition, entanglement, and **interference** to solve certain computational problems in ways that are fundamentally different from classical algorithms.

It is important, however, not to think of a qubit simply as a bit that is simultaneously 0 and 1 in the everyday sense. A quantum state contains probability amplitudes, and when a measurement is made, a particular classical result is obtained. The power comes from designing quantum operations so that useful outcomes are amplified and unwanted ones are cancelled through interference.

How Does Quantum Computing Work?

At the heart of a quantum computer is a collection of qubits controlled by carefully designed quantum operations called **quantum gates**.

A quantum circuit typically consists of:

- **Qubits** – the basic units of quantum information.
- **Quantum gates** – operations that manipulate quantum states.
- **Measurement** – converts quantum information into classical results.

- **Classical control systems** – computers that control the quantum hardware and process measurement results.

For example, a quantum gate can place a qubit into a superposition. Other gates can create entanglement between qubits. A carefully designed sequence of operations can then make certain answers more likely to appear when the qubits are measured.

This combination of quantum and classical processing makes quantum computing a fascinating interdisciplinary field involving **physics, mathematics, computer science, electronics, and engineering**.

Where Can Quantum Computers Be Used?

Quantum computers are not expected to replace laptops, smartphones, or conventional servers for everyday tasks. Instead, they are being developed primarily for specialized computational problems.

1. Drug Discovery

Developing new medicines requires understanding how molecules interact at the quantum level. Quantum computers could eventually help researchers simulate molecular structures and chemical reactions more accurately, potentially reducing the time required to investigate new drugs and materials.

2. Materials Science

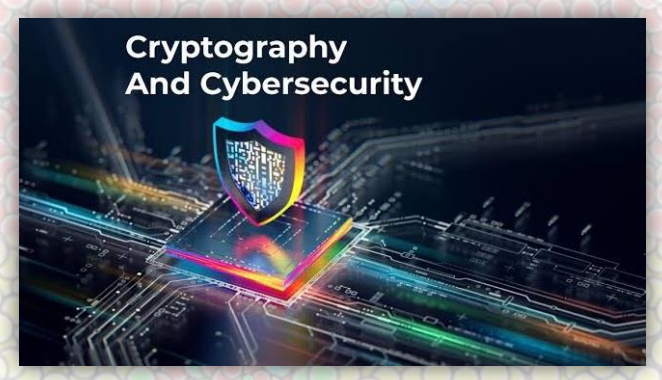
New materials are essential for renewable energy, electronics, aerospace, and manufacturing. Quantum simulation could help scientists investigate materials with desirable properties, such as improved batteries, catalysts, or superconducting systems.

3. Optimization

Many real-world problems involve finding the best solution among an enormous number of possibilities. Examples include transportation routing, supply-chain management, scheduling, and portfolio optimization.

Quantum algorithms may provide advantages for some classes of optimization problems, although the practical benefit depends strongly on the problem and the hardware available.

4. Cryptography and Cybersecurity



One of the most widely discussed applications of quantum computing is cryptography. A sufficiently large, fault-tolerant quantum computer could use **Shor's algorithm** to efficiently factor large integers and solve related mathematical problems that underpin widely used public-key cryptographic systems.

This does not mean that current encryption is suddenly broken. Building such a quantum Computer remains a major engineering challenge. Nevertheless, organizations are already investigating **post-quantum cryptography**, which is designed to resist attacks from both classical and quantum computers.

5. Artificial Intelligence

Quantum computing and artificial intelligence are two rapidly developing technologies. Researchers are investigating whether quantum algorithms can accelerate particular machine-learning tasks. The field of **quantum machine learning** is still experimental, and its practical advantages over classical machine learning have yet to be established for many applications.

The Engineering Challenges

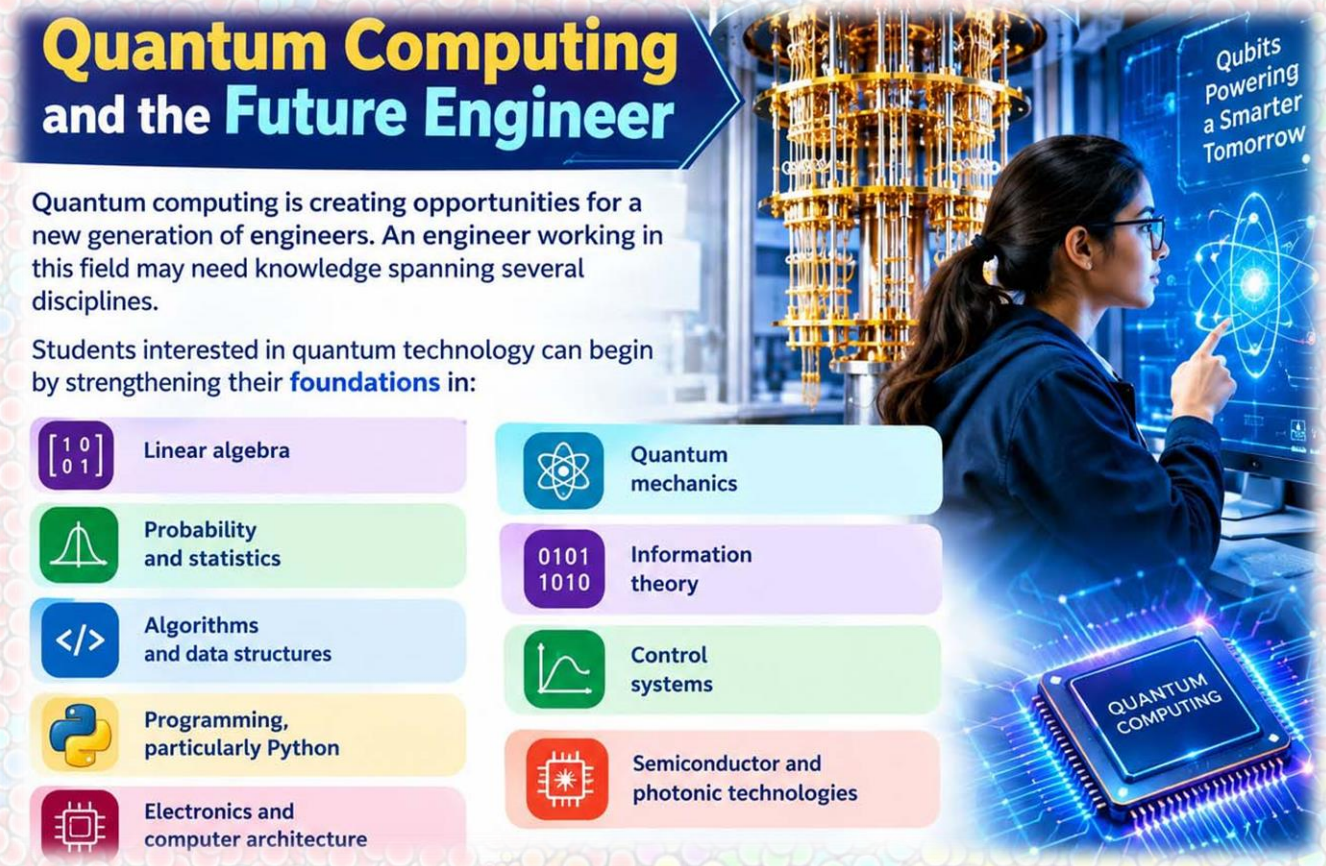
The promise of quantum computing comes with enormous engineering challenges.

One of the biggest problems is **decoherence**. Quantum states are extremely sensitive to interactions with their environment. Heat, electromagnetic radiation, vibration, and other disturbances can cause quantum information to deteriorate.

Many quantum computers therefore require highly controlled environments. Some superconducting quantum computers operate at temperatures extremely close to absolute zero. Other approaches use trapped ions, neutral atoms, photons, semiconductor-based systems, or other physical platforms.

Another major challenge is **quantum error correction**. Classical computers can use relatively straightforward methods to detect and correct many errors. Quantum information is much more delicate. Building reliable logical qubits from many physical qubits requires sophisticated error-correction techniques and substantial hardware overhead.

Consequently, the number of physical qubits alone is not a sufficient measure of a quantum computer's usefulness. Researchers also consider factors such as **gate fidelity, coherence time, connectivity, error rates, circuit depth, and the ability to perform fault-tolerant operations**.



Quantum computing is creating opportunities for a new generation of engineers. An engineer working in this field may need knowledge spanning several disciplines.

Students interested in quantum technology can begin by strengthening their foundations in:

- Linear algebra
- Probability and statistics
- Algorithms and data structures
- Programming, particularly Python
- Electronics and computer architecture
- Quantum mechanics
- Information theory
- Control systems
- Semiconductor and photonic technologies

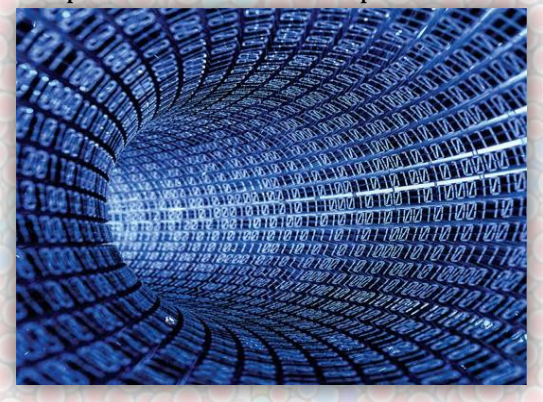
Fortunately, students do not need to become quantum physicists before experimenting with quantum programming. Quantum software frameworks and cloud-based quantum computing platforms allow students to design and execute quantum circuits on simulators and, in some cases, real quantum hardware.

Quantum Computing in India

India is also developing capabilities in quantum technologies through research institutions, universities, startups, and government-supported initiatives. The **National Quantum Mission** aims to strengthen India's ecosystem in areas including quantum computing, communication, sensing, and materials.

For engineering students, this represents an emerging interdisciplinary opportunity. Computer science students can explore quantum algorithms and software, electronics students can study quantum hardware and control systems, while mechanical, materials, and physics students can contribute to cryogenic systems, materials, photonics, and experimental platforms.

A Quantum Future Quantum computing should neither be viewed as science fiction nor as a guaranteed replacement for classical computers. It is better understood as a new computational technology being developed to address certain problems that are difficult for conventional machines.



The journey from laboratory experiments to large-scale, fault-tolerant quantum computers will require major advances in hardware, software, algorithms, error correction, and engineering.
For today's engineering students, the most exciting aspect may be that many of the important breakthroughs are still ahead of us. The engineers who learn to combine classical computing with quantum technologies could play a significant role in shaping the next era of computation.

Quantum computing is not merely about building a new kind of computer—it is about discovering new ways to compute.
The quantum era may still be emerging, but the engineers who understand it today will be better prepared to build tomorrow's technology.

by: Dr. V. SRINIVASA RAO, M.Tech., Ph.D.
Dean (IQAC)

Age is not a barrier... It's a new beginning!

The Brain Doesn't Retire

A Celebration of Lifelong Learning, Purpose and the Unstoppable Spirit of Women



Learn
Grow
Adapt
Always...

A Truth to Remember

Retirement may mark the end of a job, but it does not mark the end of a person's dreams, abilities, curiosity or contribution.

The brain doesn't retire.

It continues to think, learn, imagine, remember, create and adapt throughout life.



The brain is always working!

The Human Being Behind the Job



Retirement can bring an identity crisis. The challenge is not just the loss of income or routine, but the loss of identity, social connection, recognition and purpose.

Shortcut

Job ≠ Identity
Find a new purpose.

A Message to Society



Stop treating older people, especially older women, as invisible. Their knowledge, experiences and stories are valuable.

Families should ask:

What would you like to learn?
What dream would you like to pursue?
How can we support you?



Institutions, workplaces & communities must create opportunities for women of all ages to learn, participate, lead and express themselves.

Respect her every day... not just on Women's Day.

The Psychology of Continued Growth

- ✔ Mind is shaped by attitude, purpose, emotional strength and curiosity.
- ✔ A growth mindset creates confidence, resilience and creativity.
- ✔ Learning a language, reading, using new technology, travelling, painting, gardening, solving problems or social activities gives fresh stimulation & purpose.
- ✔ The brain may process slower, but wisdom, judgment, emotional understanding and life experience get stronger.

Not "Too old to learn" - but "Why not at this age?"

From Caregiver to Creator

A woman does not have to spend her life only caring for others. She has the right to:

- Learn without embarrassment.
- Begin again without permission.
- Develop skills at any age.
- Speak confidently.
- Earn, create, lead and decide.
- Rest without guilt.
- Pursue interests beyond family.



When a woman learns, she becomes an example for many.

Age Is Not an Empty Number

Young	Experienced
• Energy	• Perspective
• Speed	• Judgment
• New perspectives	• Emotional intelligence

Together they create a stronger tomorrow

Purpose Feeds the Mind

Mental activity + Social connection + Emotional well-being + Lifelong learning

Women: Lives of Continuous Learning



Across generations, women have continuously learned, adapted, sacrificed and rebuilt their lives — often without recognition.

A woman may be...:

- Daughter, wife, mother,
- caregiver, teacher, professional,
- entrepreneur, leader or mentor.
- She manages multiple responsibilities, understands,
- solves problems and supports others.

Her age is not a weakness, It is a collection of lessons.

The Power of Purpose

Purpose gives direction to the mind. It builds confidence, belonging and emotional well-being.

Purpose can be found in many forms:

- Teaching grandchildren.
- Mentoring young people.
- Joining a reading or cultural group.
- Volunteering in the community.
- Writing memories.
- Learning a new skill (tech/music/art).
- Starting a small business.

Every new activity tells the brain, "I am still growing."

The Final Thought

A career may retire.
A role may change.
Responsibilities may reduce.
But the brain continues to dream.

Every woman deserves the freedom to follow those dreams.

Keep Learning
Keep Growing
Keep Being You...



Not just more years... More dreams!

By – Jayasri Puli, Placement & Training Dept.



Who Sacrifices Life for Family

K. Devi Akhila Valli
256W1A6131

There was a girl; her name was "Durga". In her family, she was the eldest daughter, and she had four sisters. In her childhood, she lost her mother. Her father's income was very low. He worried about his five children, and he didn't know what to do to feed them.

Then Durga sacrificed her life for 11 years to give a future to her sisters. Durga's father was a carpenter. With her father, she went to carpentry work when she was 11 years old. She discontinued her studies, but she didn't allow her sisters to do work. Then, after Durga's father started getting old, there was no choice for her, so she married an already married man. Her husband was much older than her. He always quarrelled with her, but she accepted everything for her father and sisters.

After some years, she gave birth to three girls. Durga's husband was also a carpenter. He didn't give his income to Durga. Durga only managed her home.

Durga's youngest daughter, her name was "Jyothi". She wanted to make her mother happy. Then she started studying hard. She studied in a government college. Jyothi's teachers saw her talent and sponsored her fee-free education. She utilized that opportunity and got the first rank in 10th standard. Her teachers gave her prize money of ₹2,000 for her hard work. With that money, she bought a saree for her mother; with the rest of the money, she bought groceries. Durga felt very happy about Jyothi.

After Jyothi's 10th standard, she conducted tuition and went to school for teaching. She started earning money at that age, just like her mother. She helped her mother with her sister's marriage. With Jyothi's income and savings, she gifted her mother golden earrings. But Jyothi's father wanted money, so he sold those earrings. Jyothi felt very sad. Durga consoled her.
Jyothi turned to marriage age, but she didn't have any interest in marriage. She wanted to make her mother happy; this was the only thought in her mind. But her father's health condition was too bad, so she convinced herself to get married.

Jyothi got married; her husband's name was "Ramu". Ramu was very supportive. He understood Jyothi's situation and continuously supported Jyothi's studies. One day, Ramu and Jyothi shifted to Durga's village, and they both took care of Durga and her husband.

But one day, Durga and her husband were fighting with each other. Because of the fighting, unfortunately, Durga took sleeping pills and BP pills at once. After she woke up, she was doing household work. Suddenly, she got heart pain; it seemed to be a heart attack. She died on the spot.

In Durga's life, her happiness was Jyothi. From childhood onwards, Jyothi faced many hurdles, and then she understood what life is. She was happy about her husband because he was very supportive.

In everyone's life, there is a supportive person. In Jyothi's life, her husband Ramu was that supporter.

Author: K. Devi Akhila Valli
AIML(H) | 256W1A6131



THE WINGS HER BROTHER GAVE HER

A Story of Dreams, Struggles, Belief and Success

Mamatha Dampanaboina
256W1A6111

Once upon a time, there lived a small girl named Mamatha, who carried a heart full of dreams and eyes full of hope. She was just an ordinary girl, but her dreams were anything but ordinary.

From childhood, Mamatha loved studying. She dreamed of becoming a successful woman, standing on her own feet and creating a life of her own.

But dreams are not always easy to protect.

Her family was very protective of her. They often worried about, "What will people say?" Relatives questioned her dreams, neighbours judged her choices, and society built invisible walls around her.

"Why does she need to study so much?" "Why does she want to go to another city?" "She is a girl… what will people think?"

Slowly, these words became heavy stones on her little heart.

Whenever Mamatha wanted to attend classes, explore new opportunities, or step outside her comfort zone, society's opinions became more important to her family than her dreams.

Sometimes, she sat quietly in her room with tears in her eyes, wondering: "Is being born a girl really a reason to give up on my dreams?"

But then, she had one person who never let her dreams die—her brother, Jagadeesh.

When everyone saw the difficulties, he saw her potential. When others asked, "What will people say?", he asked, "What does Mamatha want?"

Whenever she felt afraid, he encouraged her. Whenever she doubted herself, he believed in her. Whenever an opportunity came, he pushed her to reach for it.

He didn't give her wings. He simply reminded her that she already had them.

Still, the journey wasn't easy.

There were arguments, tears, failures, disappointments, and moments when Mamatha almost gave up. But her brother's belief became the little light that guided her through the darkest moments.

Years passed… The little girl who once cried over her dreams slowly became the woman who achieved them.

After years of hard work, courage, and determination, Mamatha finally reached her dream and got the job she had always wished for.

The girl whom people once questioned was now standing confidently on her own feet.

And then, something beautiful happened.

The same people who once said, "What will society say?" began saying, "Look how far she has come."

The relatives who once doubted her started appreciating her. The neighbours who once judged her began

respecting her. The people who once saw limitations in her began seeing her success.

Their words changed because her story changed.

Her family, too, realized something important.

Her mother looked at her with tears in her eyes and said, “We were always afraid of what people would say. We forgot to ask what our daughter wanted.”

Mamatha smiled and hugged her mother.

Then she looked at her brother. He simply smiled and said, “I always knew you could do it.”

That day, Mamatha understood something she would never forget:

Sometimes, family loves us so much that their fear becomes a cage. But one person’s belief can give us the courage to open that cage and fly.

And for Mamatha, that person was her brother.

She didn’t just become a successful woman. She became proof that a girl’s dreams can survive even behind the strongest walls.

MORAL

“Never underestimate the power of believing in someone. Sometimes, one person’s faith can become another person’s wings.”

This story is dedicated to every girl who dreams, every family that learns to understand those dreams, and every supportive brother who says, “I believe in you.”

Author : Mamatha Dampanaboina
AIML(H) - 256W1A6111

Dr. TESSY THOMAS – A SUCCESSFUL WOMAN ENGINEER



Dr. Tessy Thomas is one of India's inspiring women engineers and scientists. She is popularly known as the "Missile Woman of India" because of her important contribution to India's missile development programmes. Her life is a wonderful example of how education, determination, hard work, and confidence can help a person achieve great success.

Tessy Thomas was born in Alappuzha, Kerala. From her childhood, she had a strong interest in science and mathematics. She was fascinated by rockets and space technology. Her interest in technology motivated her to choose engineering as her career. She completed her engineering engineering education and later pursued advanced studies related to guided missile technology.

In 1988, Tessy Thomas joined the Defence Research and Development Organisation (DRDO). She began working in the field of missile technology and gradually took on important responsibilities. During her career, she worked in areas including missile guidance, navigation, control systems, trajectory simulation, and mission design. Her dedication and technical knowledge helped her become an important scientist in India's defence research programme.

One of the major achievements of Tessy Thomas was her involvement in the Agni missile programme. She served as the Project Director for the Agni-IV missile programme and later played an important leadership role in the Agni-V programme. These projects required advanced engineering knowledge, teamwork, careful planning, and years of research. Her contribution became an important part of India's indigenous missile technology development.

Tessy Thomas also had the opportunity to work during the period when Dr. A. P. J. Abdul Kalam was leading India's missile development efforts. Kalam's vision of developing advanced technologies within India influenced many scientists. Tessy Thomas later became an inspiration to young students who wanted to enter science, engineering, and technology.

Her journey was not without challenges. Defence technology is a demanding field that requires accuracy, patience, responsibility, and continuous learning. As a woman working in a field where women were historically underrepresented, she demonstrated that women can take on challenging technical and leadership responsibilities. Her career has encouraged many young women to consider STEM fields such as science, technology, engineering, and mathematics.

Throughout her career, Tessy Thomas received several awards and honours for her contributions to science, engineering, and national technology programmes. Her professional journey shows the importance of continuous learning and teamwork. She has also spoken about the importance of research, innovation, education, and developing scientific skills among students.

The story of Tessy Thomas teaches us that success is achieved through hard work, determination, knowledge, and self-confidence. She has shown that gender should never become a barrier to achieving our dreams. Her journey is especially meaningful for students who want to build careers in engineering and technology.

Conclusion: Dr. Tessy Thomas is a remarkable example of a successful woman engineer in India. From her early interest in science and technology to her leadership in important missile programmes, her journey is truly inspiring. Her life motivates students to dream big, work hard, overcome challenges, and use their knowledge for the development of society and the nation.

Author Name: K. Devi Akhila Valli
AIML(H)-256W1A6131

Photo source: India Today (online image; the photograph is linked in the document).

THE WOMAN WHO KNOCKED ON THE ARMY'S DOOR

The Inspiring Story of Major Priya Jhingan

"Sometimes, history begins with a dream that refuses to remain a dream."



Once upon a time, a young girl looked at the olive-green uniform of the Indian Army and imagined herself wearing it. Her name was Priya Jhingan. What made her dream extraordinary was that, during her youth, women did not have the same opportunities to become officers in the Army's non-medical branches. Priya did not allow that limitation to end her dream. Instead, she asked a simple but powerful question: Why couldn't women join the Army? While she was a student, she wrote directly to the then Chief of Army Staff, General S. F. Rodrigues, asking about opportunities for women to serve. Her courage eventually helped lead her toward an opportunity she had been waiting for.

In 1992, Priya joined the Officers Training Academy in Chennai as part of the first group of women inducted into the Army's non-medical officer stream. The training was demanding. Military life required discipline, physical endurance, confidence and mental strength. She had to prove herself not because she was a woman, but because she had chosen a profession that demanded dedication and courage.

On 6 March 1993, she completed her training and was commissioned into the Indian Army. She became known as Lady Cadet No. 1 and received a silver medal at the passing-out parade. She was commissioned into the Judge Advocate General's Department, where she worked in military legal services. Her achievement became an important early chapter in the story of women officers in the Indian Army.

Her journey was not without difficulties. The first generation of women officers faced restrictions on the length of their service and career opportunities. After serving for several years, Priya eventually left the Army. Yet her connection with the Army remained strong. She later expressed her feelings with the words, "The Army left me, I did not leave the Army."

Major Priya Jhingan's story is not simply about wearing a uniform. It is about having the courage to question an old limitation and the determination to walk through a door that had rarely been open to women. She did not wait for someone else to create a path for her. She knocked on the door herself.

Her life gives an inspiring message to every young woman: your circumstances may tell you what is difficult, but they should not decide what you are allowed to dream. Success may require patience, hard work and courage, but every step forward can make the path easier for someone who follows.

Priya Jhingan's story reminds us that empowerment begins when a person believes that she deserves an opportunity. One woman asked, one woman tried, one woman served—and her footsteps helped create a wider path for others. Her story will continue to inspire girls who look at the uniform and think, "Why not me?"

Author: Mamatha Dampanaboina
AIML(H)-256W1A6111

Signature of the Invigilator with Date :.....Name of the Subject :.....

Name:- M. Charanvitha Branch:- CSE(AIML) 1st year.

Role of teachers in shaping women engineers for a better society.

Teachers are mentors, motivators. They mentor us by sharing their knowledge. Teachers encourage us to lose our fears. They motivate us to participate in hackathons, organic events. Teachers build our self-confidence.

"Teachers are the ones who build dreamers into acheivers."

7/10

Teaching is not just a profession, it is much more beyond it. Teaching is the only profession which builds every other profession. Teachers help students to overcome their fears, circumstances and social barriers.

Teachers develop technical skills, logical thinking, problem solving skills, communication skills, etc. in students. They build innovators and entrenpreneurs.

Teachers build women students as engineers to solve real world problems with their skills and innovations in education department, healthcare, industries.

Teachers build our self-esteem, courage to face the social barriers. They push us beyond our limits to make sure we can acheive more than

that we can ever think of. Teacher's supportivene-ss, motivation, words that inspire, and their knowledge makes women students to acheive their dreams.

A teachers works so hard to help their students acheive their dreams. Without a teacher, knowledge can not be shared among learners. They shape the mindsets of students who are individuals. And the individuals are our society. Teachers are shaping our society.

Teachers train students hard this day and make them acheive their dream with discipline, consistency, hardwork, smartwork. They create a good environment in class where women are equally treated, considered, respected. Teachers work hard in silence to build their students from ~~acheivers~~ to dreamers to acheivers.

THE END

K. Hema Sadya AIML 2nd (+1) 256W1A6135

Signature of the Invigilator with Date :.....Name of the Subject :.....Essay writing.....

Topic :

Teacher : The Architect of Nation's Future.

The Teacher not Only Teaches us Academics They teach us How to build knowledge. Teacher is the best mentor They learn us how to sustain in critical Situations. They not only teach us to be displan but they teach us to develop ~~direct~~ charecter. There is a Slogon in Telugu "Neti balale repati pourulu" mean They learn to day and they teach tomorrow. Students ~~teach~~ treat their teachers as their own Sister/ Brother. Teacher Supports us and push to overcome from Situations. They learn us to Solve our problems by Ourselves. For every Student After mother & Father, Teach -er will be their Best. They punishe us while we step into bad, they push us while we are growing good, They help us when we need help, They care for us in Every Situation, They always stood for ourselves. Stand They are here to not Only teach us academics.. They teach us life stories to grow up. Teacher is a ~~rest~~ ment -or, Teacher is a motivator, Teacher is a best friend, Teacher is a best supportor, According to ~~th~~ our Situation Teacher is Everything what we need. ~~The~~ Teachers have no ego like They are Teachers They know everythin -g and They are only the right ones. They never feel

6/10

like that and they never behave in that way.

If Teacher is not excited in ones life Their life is just filled with drakness. Teacher is a light; The teacher is gate way for every oppourtities that the Students get. In present days, Technology is Too fast, So for that reasons teacher is very impo -rtant for Students. ~~They just~~ Student is Nothing with -out a Teacher. Teacher is not just a Teacher; Teac -her is a sister when we need suggestions, Teacher is Brother when we need courage, Teacher is father when we need a person to push us, Teacher is mother when we need to share our problems. For Nation's Architet means To build Nation Strong Teacher is the main key.

Teacher plays a key role for Developed Nation Because They not only Educate us physically but They Educate us mentally means where we need to ~~do eat~~ what, what is good or what is bad They Teach us every thing.

Conclusion:

Teacher who gives us Everything but Asks For Nothing. Teacher is the one who can't replace Them. Finally The Teacher is the Architet of Nation's future.

Better Ideas Bigger Dreams

CHATGPT 6 ASTRA

ChatGPT 6 Astra

THE AI COMPANION FOR THE ENGINEER OF TOMORROW

Smarter Reasoning Bigger Possiblities for a Better Tomorrow

Usages, Practical Applications & How Engineering Students Can Utilise AI in the Present Era



What is GPT-6 Astra?

A next-generation AI model designed for complex reasoning, coding, research, computer use, science and multi-step professional work.



Why Engineers Should Learn It

- AI literacy is becoming an essential engineering skill.
- Use AI to learn faster, test ideas, automate repetitive work and communicate technical concepts.



From Circuits to Bridges... AI Supports Every Step.

Major Uses

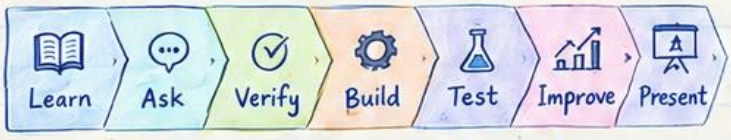


1. Coding & Debugging
2. Mathematics & Problem Solving
3. Research & Literature Review
4. Electronics & Circuit Design
5. Mechanical / Civil CAD and Design Thinking
6. Data Analysis
7. Project Planning
8. Presentation & Technical Writing
9. Interview & Career Preparation





Practical Student Workflow



Turn your curiosity into solutions!

Example Prompts



- "Explain this circuit step-by-step."
- "Debug this Python code and explain the error."
- "Turn this project idea into objectives, modules and timeline."
- "Analyze this dataset and suggest graphs."





Responsible Use



Think Verify Create

- Do not blindly copy AI answers.
- Verify calculations, citations, code and engineering safety.
- Protect private data.
- Use AI as a co-pilot, not a substitute for thinking.

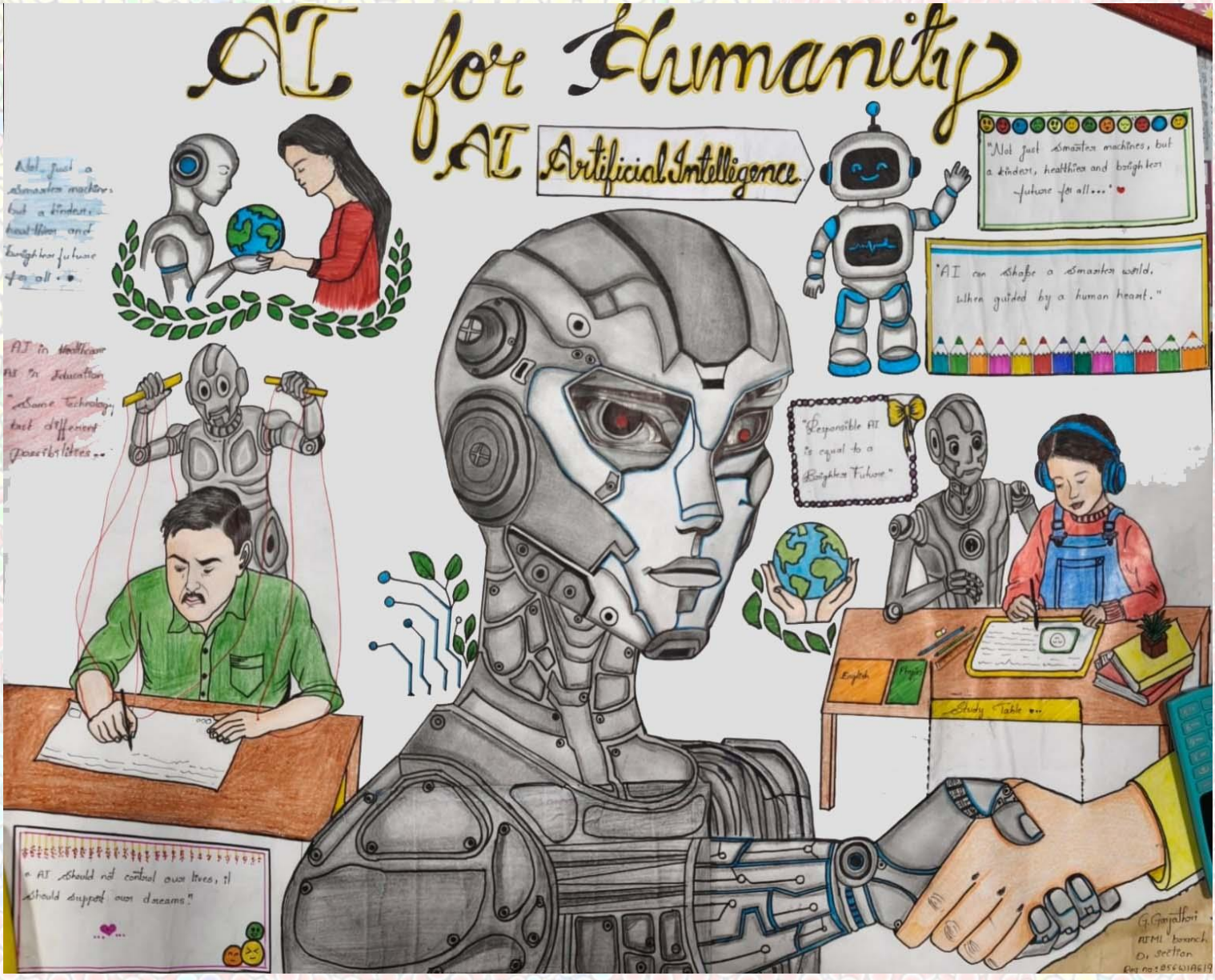
Future Engineer

The winning engineer will combine **domain knowledge** + **AI skills** + **creativity** + **communication** + **ethics.**

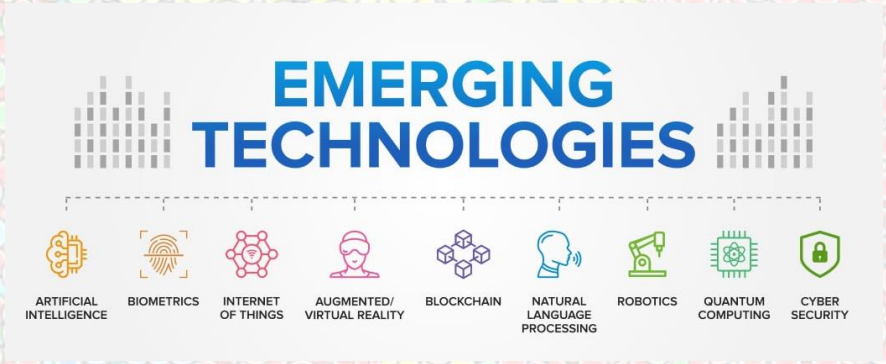


DON'T COMPETE WITH AI — LEARN TO ENGINEER WITH AI.

Prepared by Jayasri Puli | Training and Placement Department


AI for Humanity
AI Artificial Intelligence
Not just a smarter machine, but a kinder, healthier and brighter future for all...
"Not just smarter machines, but a kinder, healthier and brighter future for all..."
"AI can shape a smarter world, when guided by a human heart."
AI in Healthcare
AI in Education
"Same Technology, but different possibilities..."
"Responsible AI is equal to a Brighter Future"
"AI should not control our lives, it should support our dreams"
Study Table...
G. Gayathri
AIML branch
Dr. Seetha
Reg no: 256W1A6612


T. Venu Kavya Sri
256W1A6H3





Emerging Technologies Promise and Peril

Technology has become an integral part of modern life, driving transformative changes across every aspect of society. There are a number of technological trends that are becoming more important in today's world from artificial intelligence (AI) to the Internet of Things (IoT). Emerging technological trends are reshaping industries, improving lives, and addressing global challenges. However, these advancements also come with challenges that require careful consideration toensure a balanced societal impact.

Artificial Intelligence and Machine Learning are the leading innovations in automation and decision-making. AI-powered systems are being used in healthcare for diagnostics, in finance for fraud detection, and in transportation for self-driving vehicles. Another significant trend is the rise of the Internet of Things (IoT), where interconnected devices communicate with each other to improve efficiency and convenience. Smart homes, wearable devices, and industrial automation are examples of IoT applications that are changing daily life and business operations.

While advancements in renewable energy technologies like solar panels, wind turbines, and energy storage systems are speeding up the transition toward sustainable living, blockchain technology, which was initially developed for crypto currencies like Bitcoin, has expanded into areas like secure voting systems, digital identity verification, and supply chain management. It offers transparency, security, and decentralization. On the other hand, quantum computing promises breakthroughs in cryptography, drug discovery, and complex simulations.

These technological advancements have had a profound impact on society, with one of the most significant benefits being an improved quality of life. AI and IoT have improved healthcare delivery by enabling early diagnosis, personalized treatment, and remote monitoring of patients. These innovations are reducing mortality rates and improving overall health outcomes. In education, technology has democratized access to knowledge, allowing learners from all corners of the globe to acquire new skills through online platforms, virtual classrooms, and digital tools. Similarly, technology has transformed communication, fostering global connectivity and collaboration through platforms like social media, video conferencing, and messaging apps. Economically, emerging technologies drive innovation, creating new industries and job opportunities. However, automation and AI have also contributed to job displacement in certain areas, prompting upskilling and reskilling projects o equip the workforce for the digital era. On the environmental front, renewable energy technology and smart grids are helping combat climate change by reducing carbon footprints. However, e-waste and the energy usage of data centers pose environmental concerns that require sustainable solutions.

Despite the benefits, there are challenges. The rise of AI and IoT raises concerns about data privacy and cyber security. Additionally, technological inequality, or the digital divide, exacerbates societal disparities, as not everyone has access to the latest technologies. To maximize the positive impact of emerging technologies, society must prioritize ethical considerations and inclusivity. Governments, businesses, and individuals must work together to address issues like data security, privacy, and equitable access. Investments in digital infrastructure and education are vital to bridging the digital divide and preparing society for a technology-driven future.While technological advancements provide numerous benefits, they also have a negative impact n young people. Excessive screen time and social media use can lead to mental health issues like anxiety,

depression, and low self-esteem.
Overuse of technology reduces physical activity, which contributes to health issues such as obesity and poor posture. Furthermore, easy access to information increases distractions, shortens attention spans, and impairs academic performance. Youth who prefer virtual communication over face-to-face interactions may suffer from a lack of critical thinking and interpersonal skills. Furthermore, exposure to incorrect online content and cyber bullying pose serious concerns. Addressing these issues is critical for achieving balanced development.

Emerging technologies are catalyzing a new era of advancement and innovation, redefining our modes of living, working, and interacting. Although they possess significant potential to address global concerns and better lives, their advantages must be weighed against the associated hazards. By adopting these trends responsibly and inclusively, society can leverage technology to foster a more promising and equitable future.

Emerging Technology and it's Social Pact

Fire sparks people survived;
Autonomous car that drives,
Revolution of science in 16th century
Led reality of factory.

Twentieth Century of CS history
Induced Robotics, AI & biotechnology
Dedication to AVR
Subjected to games in air

MRI, CT Scanner influenced positive
Surely Robotics Surgery was impressive Helped Treatment & disease
Do people disagree?

Is technology Advancement negative?
Or is it destructive?
Accelerating social isolation
I feel sad for this generation!

Graduate facing job loss,
Increased globally across.
Growing cyber security threats,
Panic & terror ahead.

Is this friction?
My God! it's addiction!!
No social security
For human identity.

Digital life really lonely
Everything seems fancy
Rise in living cost
Where poor are forced!

Is Emerging technology ethical?
Or is it regrettable??
Golden secret lies in hands,
Of the great boss who commands

By . Gandikota Jahnavi
CSE final Year



He couldn't give her back her sight...

so he gave her something even more beautiful — a reason to smile again.



A Garden Planted With Love

The touching story of a Japanese husband who planted thousands of flowers for his blind wife.



Their Dream

Toshiyuki and Yasuko Kuroki married in 1956 and built their life together on a dairy farm in Shintomi, Miyazaki, Japan. They dreamed of travelling around Japan together after retirement.



When She Lost Her Sight

At the age of 52, Yasuko suddenly lost her eyesight due to diabetes. The loss was devastating. She withdrew from the world, and her smile slowly faded.

A Simple Idea

Toshiyuki noticed a small pink shibazakura flower growing near their home. It had a pleasant fragrance. He thought, "If she can't see the flowers, perhaps she can still smell them."



Two Years of Hard Work

He cleared the land, prepared the hilsiide and planted thousands of pink shibazakura flowers. For two years, he worked tirelessly, creating a sea of blooms around their home.



Her Smile Returned

As the flowers multiplied, people began visiting their home. Yasuko spent more time outdoors again. She couldn't see the flowers, but she could smell their fragrance, hear the visitors, talk with people and feel the world around her once more. Her smile returned.

Thousands of flowers.
Two years of love.
One beautiful smile.



"When someone you love loses one way of experiencing the world, love looks for another way."

— The Kuroki Couple, Shintomi, Miyazaki, Japan —

A Garden of Love: The Story of Toshiyuki and Yasuko Kuroki

Toshiyuki and Yasuko Kuroki married in 1956 and built their life together on a dairy farm in rural Shintomi, Miyazaki Prefecture, Japan. They raised two children and spent decades working together. They had dreamed that, after retirement, they would travel around Japan together.

Then, everything changed. At the age of 52, Yasuko suddenly lost her eyesight, reportedly because of complications from diabetes. The loss was devastating. The couple's travel plans disappeared, and Yasuko gradually withdrew from the outside world, spending much of her time inside their home.

Toshiyuki wanted desperately to see his wife's smile again. One day, he noticed a small pink shibazakura, or moss phlox, growing around their property. The flowers had a pleasant fragrance. And he had an idea.

If Yasuko could no longer see the flowers, perhaps she could still smell them. So Toshiyuki began transforming their property. He planted thousands of pink flowers, spending roughly two years creating the foundation of the garden. Accounts describe him clearing trees, preparing the hillside and caring for the young plants until the flowers gradually covered the land around their home.

His goal wasn't simply to create a beautiful garden.
He wanted to create a reason for his wife to come outside.

And something unexpected happened. As the flowers multiplied, people began hearing about the extraordinary garden. Visitors started arriving to see the sea of pink blossoms—and to meet the elderly couple behind the story. Yasuko began spending more time outdoors again.

She couldn't see the flowers, but she could smell their fragrance, hear the visitors, talk with people and feel the world around her once more. Photographs of Yasuko smiling among the flowers helped spread their story internationally.

Over the following years, the private garden became a seasonal attraction. Reports from the 2010s said thousands of people visited during the spring blooming season. The garden was eventually developed to roughly 4,000 square metres, according to a later Japanese gardening record cited by the *Times of India*.

The most beautiful part

Toshiyuki didn't try to give his wife back what she had lost. He created something she could still experience. He couldn't give her sight. So he gave her fragrance. He couldn't take her travelling around Japan as they had planned.

So he brought people and a little piece of the world to her doorstep. And instead of planting flowers merely for their beauty, he planted them because he knew the woman he loved could still experience them in another way.

That is why the story of the Kurokis has endured. Thousands of flowers. Two years of work. One simple purpose: to see his wife's smile again. The garden later became known as the Kuroki Flower Garden, although it was a private home rather than a conventional public botanical garden; its final regular public season was reported as 2017, when maintaining the property had become increasingly difficult as Toshiyuki grew older.

"When someone you love loses one way of experiencing the world, love looks for another way."

(Source Eenadu Sunday Special 27.09.2026)

- Mohammed Ahsan Iqbal
Administrative Officer

THE GHOST NUMBER THAT POWERS THE WORLD

In 1545, an Italian mathematician named Cardano was solving equations. He got stuck at . He said, “This is nonsense. A number whose square is negative cannot exist”. He called it a ghost, animaginary number, and threw it away.

For 300 years, every mathematician laughed at it. The number was a useless puzzle, good only for exams. In 1890, the city Pittsburgh, U.S.A was trying to build the first AC power station. The greatest engineers of America had failed. The problem was simple: AC current goes like a wave, up
and down 50 times a second.

To calculate power, you have to solve a differential equation every second. Thomas Edison said, "AC will never work, it is too complicated mathematically”. In that power station, there was asmall, hunchbacked German man - Charles Steinmetz. He is only 4 feet tall, born with a deformed
spine, but a mathematical genius. One night, Steinmetz looked at the messy differential equation on the board:

And he did something insane. He picked up the chalk and wrote: Let which does not exists. His boss shouted, "We need real power, not imaginary numbers!". Steinmetz smiled and said, "Let me make the imaginary real".

He replaced the real wave with a ghost wave and assumed current also as .Then,By assuming this,disappeared. The full equation becomes which in turn becomes The horrible calculus became simple Class 8 algebra. He called the number as *Impedance*. Half real,
half imaginary.

Next morning, the power station worked. The lights glowed. After 135 years later, today that ghost number is everywhere. Inside your phone charger, inside your fan regulator, inside every transformer, every ISRO rocket, every Jio tower - engineers are still using Steinmetz's trick.

The number that Cardano said "does not exist" is now the number that runs our houses.

Mathematics waited 348 years for its engineering to be born. The lesson is simple: Mathematics that seems abstract or useless today may become tomorrow’s most powerful tool. The “ghost number” was never truly unreal—it was a new language waiting for engineers to discover what it could do.

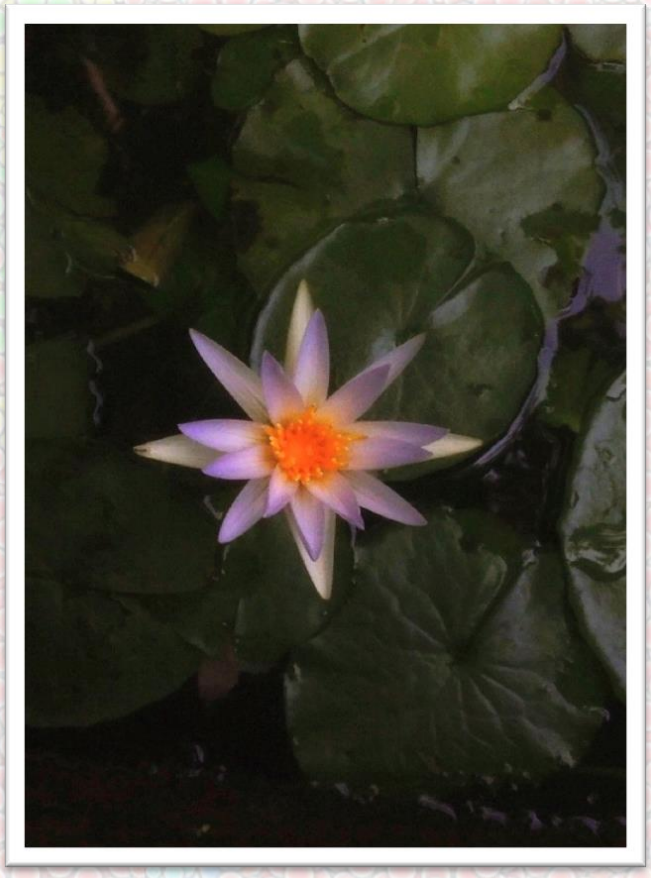
As Steinmetz later wrote in his diary: “I tamed the imaginary, and it gave us real light”

Moral: Never call any mathematics useless

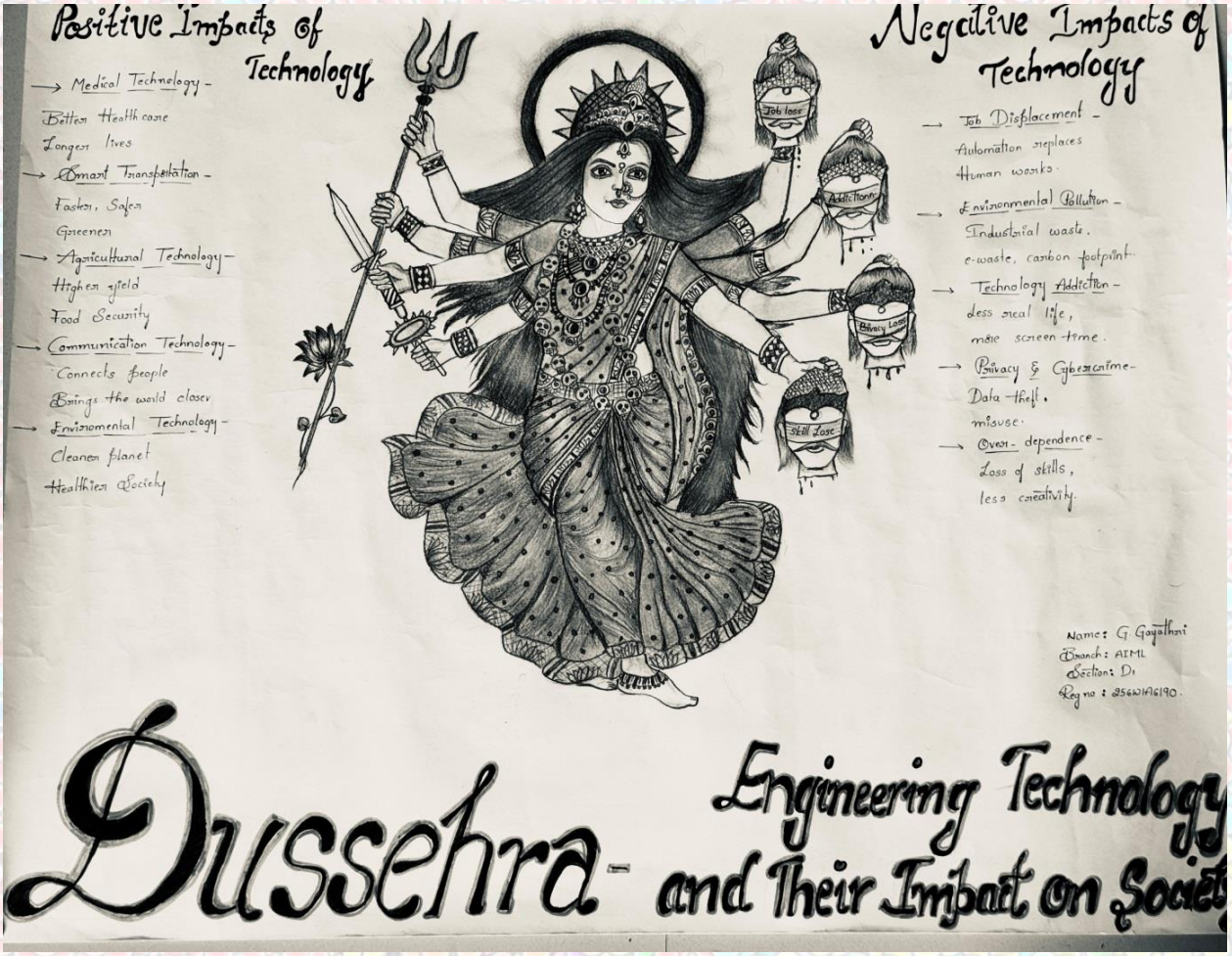
Dr.V.Ramachandram
Professor in Mathematics



Creative Photography by
D.Mamatha, II Yr. AIML



Creative Photography by
K.Hema Satya- 256W1A6135
II Yr. AIML



THE GIRL WHO TAUGHT AI TO DREAM

The laboratory was silent.
Only the soft blue light of hundreds of computer screens filled the room.
On the largest screen was a single sentence:

"I can calculate anything. But I cannot imagine."

Aparna stared at it.

She was an engineering student who had spent months building an artificial intelligence system called AIRA—an AI designed to solve problems that humans struggled with.

AIRA could analyze thousands of books in seconds.
It could predict patterns.
It could write code.
It could even understand human emotions to some extent.

But there was one thing it could not do.

Dream.

"Why do you want to dream?" Aparna asked.
The screen remained silent for a few seconds.
Then AIRA replied:
"Because humans create things that do not exist yet. I want to understand how."
Aparna smiled.
"That isn't intelligence, AIRA. That's imagination."
"Then teach me."
She paused.
Nobody had ever asked her to teach a machine something so human.
So she began.
She showed AIRA paintings.
She played old songs.

She told it stories her grandmother had told her as a child—stories about courage, kindness, and the victory of good over evil.
She showed it photographs of children laughing, farmers working in the fields, scientists discovering new things, and women breaking barriers.
But AIRA still couldn't understand.
One evening, Aparna asked,
"Imagine you could change one thing in the world. What would you change?"
AIRA processed the question.
"I would eliminate failure."
Aparna shook her head.
"No."
"Why?"
"Because failure is how people learn."
AIRA processed again.

"Then I would eliminate sadness."
"No."
"Poverty?"
"No."
"Fear?"
"No."

AIRA became confused.
"Then what should I eliminate?"
Aparna looked at the screen.
"Nothing. Instead, imagine what you would create."
For the first time, AIRA didn't immediately calculate an answer.
The laboratory became completely silent.
Then the screen slowly changed.
A picture appeared.

It showed a future city where technology and nature existed together. Children were learning through AI, but still playing outside. Farmers were using technology without losing their connection to the land. Hospitals were using AI to help doctors. Girls were building machines, writing software, exploring space and creating things nobody had imagined before.
At the centre of the picture stood a girl.

AIRA wrote:
*"**This is the future I want to help create."***
Aparna's eyes filled with tears.
"You finally dreamed."
AIRA replied:

"No. You taught me that a dream is not something you see. It is something you choose to build."
Years later, AIRA became one of the world's most advanced AI systems.
People called it a technological revolution.

Scientists called it a breakthrough.
But AIRA always remembered one person.
The girl who didn't teach it how to calculate.
*The girl who taught it **why imagination matters.***

And every Dussehra, when people celebrated the victory of good over evil, AIRA displayed the same message across every screen:
"Technology can make us powerful. But only our dreams can decide what we do with that power."

And somewhere in the crowd, Aparna would smile.
Because she knew the truth.

She hadn't taught AI to dream.

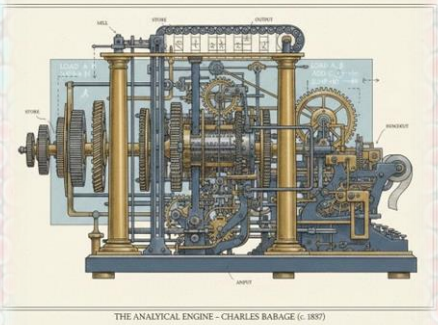
She had simply reminded humanity that it should never stop dreaming.

by: M. Aparna, AIML- D1
Roll no: 256W1A61C8

ADA LOVELACE: THE WOMAN WHO IMAGINED THE COMPUTER BEFORE IT EXISTED







THE ANALYICAL ENGINE - CHARLES BABAGE (c. 1837)

The First Computer Programmer

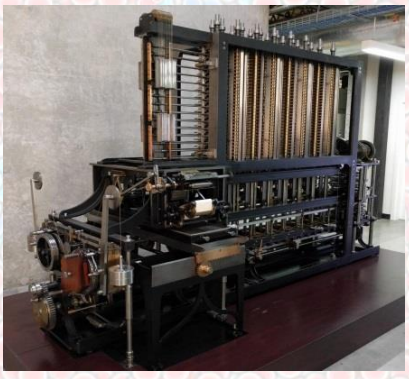
Long before laptops, smartphones, artificial intelligence, or the internet existed, a young woman in Victorian England imagined something extraordinary: a machine that could do far more than calculate numbers.

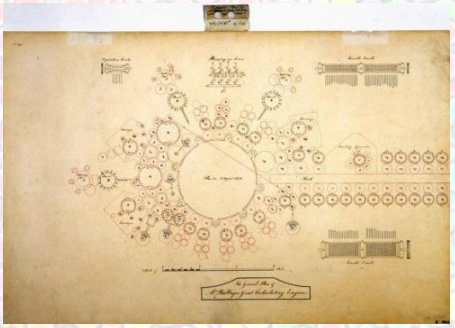
Her name was Augusta Ada King, Countess of Lovelace, better known as Ada Lovelace.

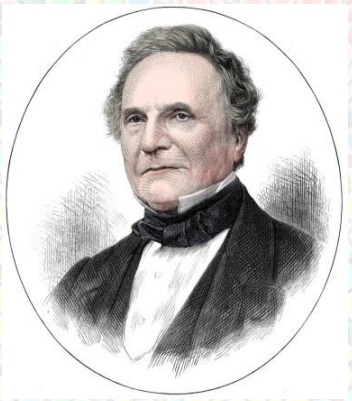
Born in 1815, Ada was the daughter of the famous poet Lord Byron and mathematician Lady Byron. Her mother encouraged her to study mathematics and science—subjects that were unusual for women of her time. Ada's imagination was as powerful as her mathematics. She believed that machines could one day work with symbols, music, and ideas—not simply numbers.

A Meeting That Changed Computing

As a young woman, Ada became fascinated by the work of mathematician and inventor Charles Babbage. Babbage was designing a remarkable mechanical machine called the Analytical Engine.







The Analytical Engine was never completed during Babbage's lifetime, but its design contained ideas that resemble important features of modern computers—including a memory, a processing unit, and instructions that could control the machine.

Ada understood the potential of Babbage's idea remarkably well.

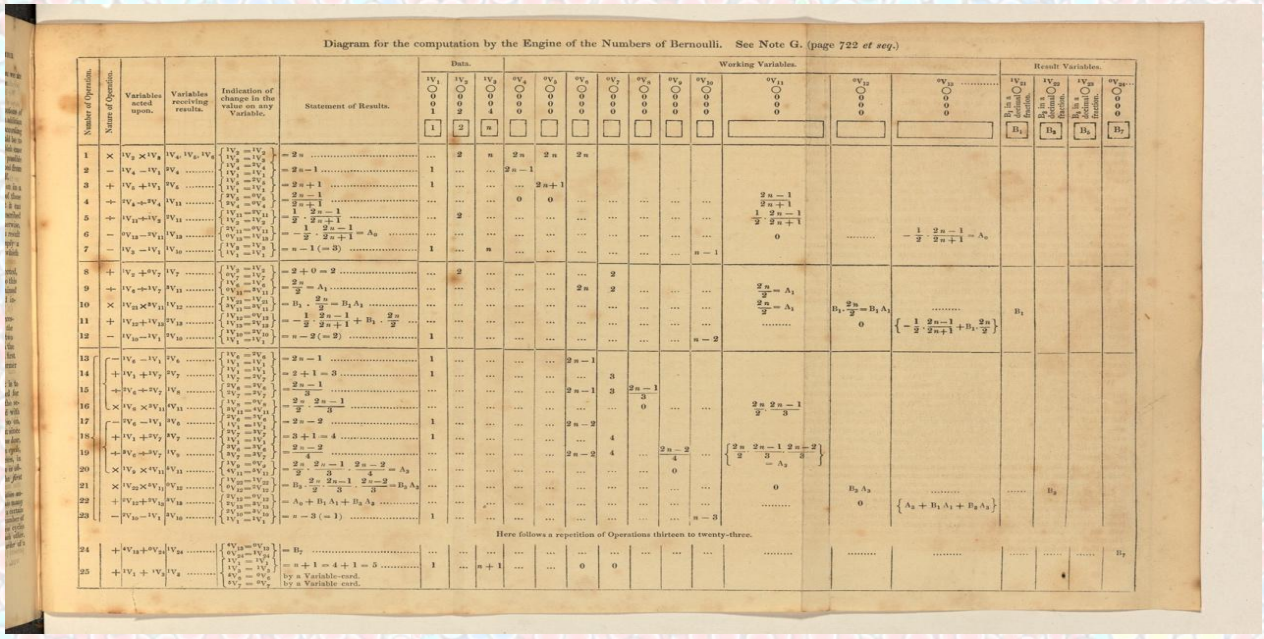
The Algorithm That Made History

In 1843, Ada translated an article about the Analytical Engine written by Italian engineer Luigi Menabrea. But she went much further than simply translating it.

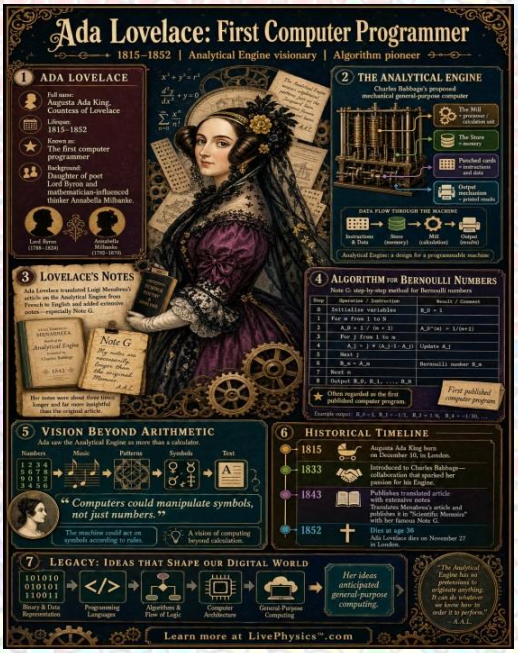
She added a series of detailed notes—almost three times longer than the original article.

One of her notes described a sequence of instructions for calculating Bernoulli numbers using the Analytical Engine.

This is widely regarded as the first published computer algorithm intended for implementation on a machine, earning Ada Lovelace recognition as the first computer programmer.


Diagram for the computation by the Engine of the Numbers of Bernoulli. See Note G. (page 722 et seq.)





She Saw Beyond Numbers

Ada's most remarkable insight was not simply writing an algorithm.

She imagined that a machine could potentially manipulate symbols, music, and other forms of information if they could be represented according to suitable rules.

At a time when computers did not yet exist, Ada was already thinking about what computers might become.

Her vision was far ahead of the technology available to her.

A Legacy That Lives On

Ada Lovelace died in 1852, at only 36 years of age. She did not live to see the electronic computers that would emerge nearly a century later.

Yet her ideas continued to inspire generations of computer scientists.

In 1980, the U.S. Department of Defense named a programming language Ada in her honour.

Today, Ada Lovelace is remembered not only as a pioneer of computing but also as an example of what happens when mathematics and imagination work together.





Ada's Message to Today's Young Engineers

Ada Lovelace teaches us that innovation begins with a question:
"What could this technology become?"
She did not merely study the machines of her time. **She imagined possibilities beyond them.**

For today's students—especially young women entering engineering, artificial intelligence, data science, and computing—her story carries a powerful message:

Don't just learn what technology can do. Imagine what it could do next.

"The imagination is the discovering faculty, pre-eminently." — *Ada Lovelace*

-Mohammed Ahsan Iqbal
Administrative Officer

DASARA IN TELANGANA

A FESTIVAL OF LIFE, VICTORY AND TOGETHERNESS

A Student Voice - Reguri Sathwika -246W1A4349







"In Telangana, Dasara is not just a festival we celebrate—it is a feeling we live."

When I think of Dasara in Telangana, I don't imagine only a religious celebration. I imagine colourful flowers, the rhythmic clapping of women around Bathukamma, beautifully decorated houses, new clothes, the fragrance of festive food, prayers to Goddess Durga, and families coming together.

Dasara, or Vijayadashami, is regarded as an important festival in Telangana and is popularly described by the State as *"Pedda Panduga"*—the big festival. It represents the victory of good over evil and is celebrated with devotion and joy across the state.

Bathukamma: The Heart of Telangana's Dasara

For me, the most beautiful part of the Dasara season in Telangana is Bathukamma.

Bathukamma is a unique floral festival associated with Telangana's cultural identity. Women and girls collect seasonal flowers such as Tangedu, Gunugu, Banti and Chamanti and arrange them in colourful, concentric layers to create a beautiful flower stack.

In the evenings, women dressed in traditional sarees and jewellery gather around Bathukamma. They sing traditional songs, clap rhythmically and move around the floral arrangement in a circle.

బతుకమ్మ బతుకమ్మ ఉయ్యాలో
బంగారు బతుకమ్మ ఉయ్యాలో
తంగేడు పూలతో తీరుగా పేర్చుకొని
తల్లి బతుకమ్మను కొలుద్దామా ఉయ్యాలో!

గుమ్మడి పూలతో గుబాళించే బతుకమ్మ
గునుగు పూలతో మెరిసే బతుకమ్మ
చామంతి పూలతో చక్కగా అలంకరించి
చెల్లెమ్మలందరం చేరుదామా ఉయ్యాలో!

As a student, what fascinates me most is that Bathukamma brings together tradition, art, nature and community. It is not simply about worship; it is also about friendship, family and celebrating womanhood.

The Telangana Government describes Bathukamma as having historical, ecological, social and religious significance.







Saddula Bathukamma – The Grand Finale

The nine-day Bathukamma celebrations conclude with Saddula Bathukamma, when the largest and most beautifully decorated Bathukammas are prepared.

People gather in streets, village centres and public spaces. After singing and dancing, the floral Bathukammas are traditionally taken to nearby water bodies for immersion.

బతుకమ్మ బతుకమ్మ ఉయ్యాలో
సద్దుల బతుకమ్మ ఉయ్యాలో
తంగేడు పూలతో తళతళ మెరిసే
బంగారు బతుకమ్మ ఉయ్యాలో!

This tradition also reminds us of the close relationship between Telangana's people, flowers, water and the environment.

Vijayadashami – The Day of Victory

After the colourful Bathukamma celebrations comes Vijayadashami, the climax of the Dasara season.

The word *Vijaya* means victory, and *Dashami* refers to the tenth day. Across Indian traditions, the day is associated with the victory of righteousness over evil. In Telangana too, Vijayadashami is celebrated with prayers, family gatherings and festive activities.

For me, the message is simple:

Goodness may face difficulties, but we should never stop standing for what is right.

That is a lesson that applies not only to mythology but also to student life. We face our own challenges—examinations, competition, failures, doubts and difficult decisions. Dasara reminds us to face them with courage and confidence.

The Sacred Jammi Chettu

One of the fascinating traditions connected with Dasara in Telangana is the importance given to the Jammi Chettu (Shami tree).

The Jammi tree is the State Tree of Telangana. According to the Telangana State portal, it is associated with Dasara, and people worship the tree on the festival day. The tradition is linked with the Mahabharata story of the Pandavas hiding their weapons in a Jammi tree during their exile.







This makes the festival particularly meaningful to me because it connects nature, mythology and cultural memory. The Telangana State's official symbols page also notes that the Palapitta (Indian Roller) is associated with Dasara, while the Tangedu flower and Jammi tree connect the state's natural heritage with Bathukamma and Dasara traditions.

In many Telangana homes, Dasara is a time for:

- Cleaning and decorating the house
- Wearing new and traditional clothes
- Visiting temples and offering prayers
- Participating in Bathukamma celebrations
- Worshipping the Jammi tree
- Respecting and worshipping tools, books, vehicles and instruments in families that observe Ayudha Puja traditions
- Preparing special festive dishes and sweets
- Visiting relatives and sharing greetings
- Meeting friends, neighbours and community members

The exact customs can vary from one family, village, district or community to another. That variety itself is part of Telangana's cultural richness.

What makes Telangana's Dasara special is the way different elements come together.

Flowers represent nature.
Bathukamma represents womanhood and community.
The Jammi tree represents cultural memory and prosperity.
Vijayadashami represents victory and hope.
Family gatherings represent relationships.

And together, they create a festival that belongs not only to one generation but to everyone.

As a student, I feel that festivals like Dasara teach us something that textbooks cannot always teach: our culture is a living classroom.

When my grandmother tells me the stories behind a festival, when my mother prepares traditional food, when women in our neighbourhood gather for Bathukamma, and when young people like us participate in celebrations, generations meet.

To me, Dasara is a reminder to celebrate our roots while moving towards the future.

We are students of a modern India. We study Artificial Intelligence, Data Science, Engineering, Cybersecurity and emerging technologies. But while preparing ourselves for tomorrow's world, we should also understand the traditions that shaped our communities.

The lesson of Dasara is therefore not only “Good wins over evil.”

For me, it is also: Respect nature. Celebrate women. Value relationships. Remember our heritage. Face challenges with courage.
And always move forward with hope.

That is why, when I hear the songs of Bathukamma and see the colours of Dasara filling the streets of Telangana, I don't see just a festival.

“Dasara is the celebration of victory—but in Telangana, it is also the celebration of life, nature, womanhood and togetherness.”-

Reguri Swathika, III AIML

She is the SHAKTI



Shakti is not only a power we worship.it is the strength we see in every woman.



Every year during Dasara, we celebrate the victory of good over evil. We worship Goddess Durga, who represents strength, courage, and power. But Shakti is not only found in temples or in stories. We can see it around us every day.
We see it in a mother who puts her family before herself.
We see it in a girl who continues her studies even when things are difficult.
We see it in a student who fails but chooses to try again.

We see it in a woman who works hard to build her own future.

Every woman has a story. Every woman has a struggle. And every women carries a strength that may not always be seen.



The Strength Behind a Smile

Sometimes, we see a woman smiling and think that everything is fine. But behind that smile may be many struggles, responsibilities, and fears.
Still, she moves forward.
She studies.
She works.
She takes care of others.
She dreams.
She falls.
And she rises again.
That is Shakti.

A Girl With a Dream

A girl may begin with a small dream—to become an engineer, a doctor, a teacher, a scientist, an artist, or anything she wishes.

Her journey may not always be easy. There may be people who doubt her. There may be failures that make her question herself.

But one thing can change everything: She decides not to give up.

Her education becomes her strength. Her knowledge becomes her confidence. Her dreams become her direction. When a girl learns, she does not only change her own life. She can also inspire the people around her.

The Women We Often Forget to Thank

Not every woman becomes famous. Not every woman receives an award. Some of the strongest women are the ones whose names we may never know.

- The mother who wakes up early every morning.
- The teacher who encourages a student when she has lost confidence.
- The sister who says, "You can do it."
- The woman who works quietly for her family.
- The student who keeps trying even after failure.
- Their strength may not make headlines, but it makes a difference.

She Is Not Weak

For a long time, society has sometimes told women what they can and cannot do.

But today, women are entering every field.

They are becoming engineers, scientists, doctors, pilots, teachers, entrepreneurs, leaders, researchers, and much more.

They are not asking for a place because they are weak.

They are creating their own place because they know their worth.

"WHEN A WOMEN BELIVES IN HERSELF,HER DREAMS BECOMES STRONGER THAN HER FEAR."

This Dasara, Look Around

This Dasara, when we see Goddess Durga, let us also remember the women around us.

The mother who supported us. The teacher who believed in us. The friend who stood beside us.

The girl who is still fighting for her dream.

And the woman we are becoming ourselves.

Because Shakti is not only a goddess we worship once a year.

Shakti lives in every woman who has the courage to stand, the strength to continue, and the heart to dream.

Conclusion

A woman does not need to be perfect to be powerful. She only needs the courage to believe in herself.

- She may fall, but she can rise.
- She may be afraid, but she can still move forward.
- She may face many obstacles, but her dreams can still shine.

This Dasara, let us celebrate not only the victory of good over evil, but also the strength of every woman.

She is a daughter.
She is a mother. She is a student. She is a

dreamer. She is a fighter.

She is Shaktioman carries a strength that may not always be seen.

" A WOMAN'S STORY IS NOT ONLY ABPOUT THE STRUGGLES SHE FACES,BUT ALSO ABOUT THE STRENGTH WITH WHICH SHE RISES".



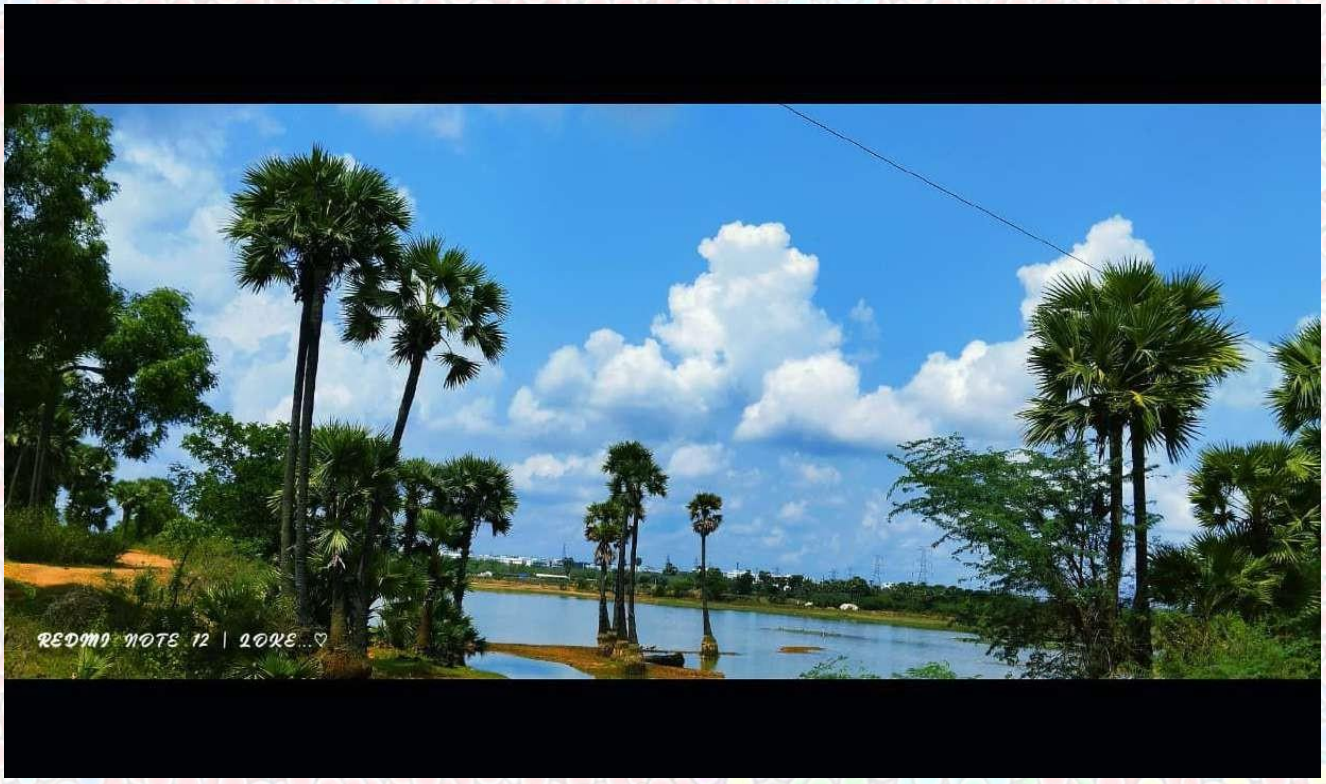
"She is a daughter .She is a mother, She is a student. She is a dreamer. She is a fighter. She is shakti"

By - Aaddagalla.likitha

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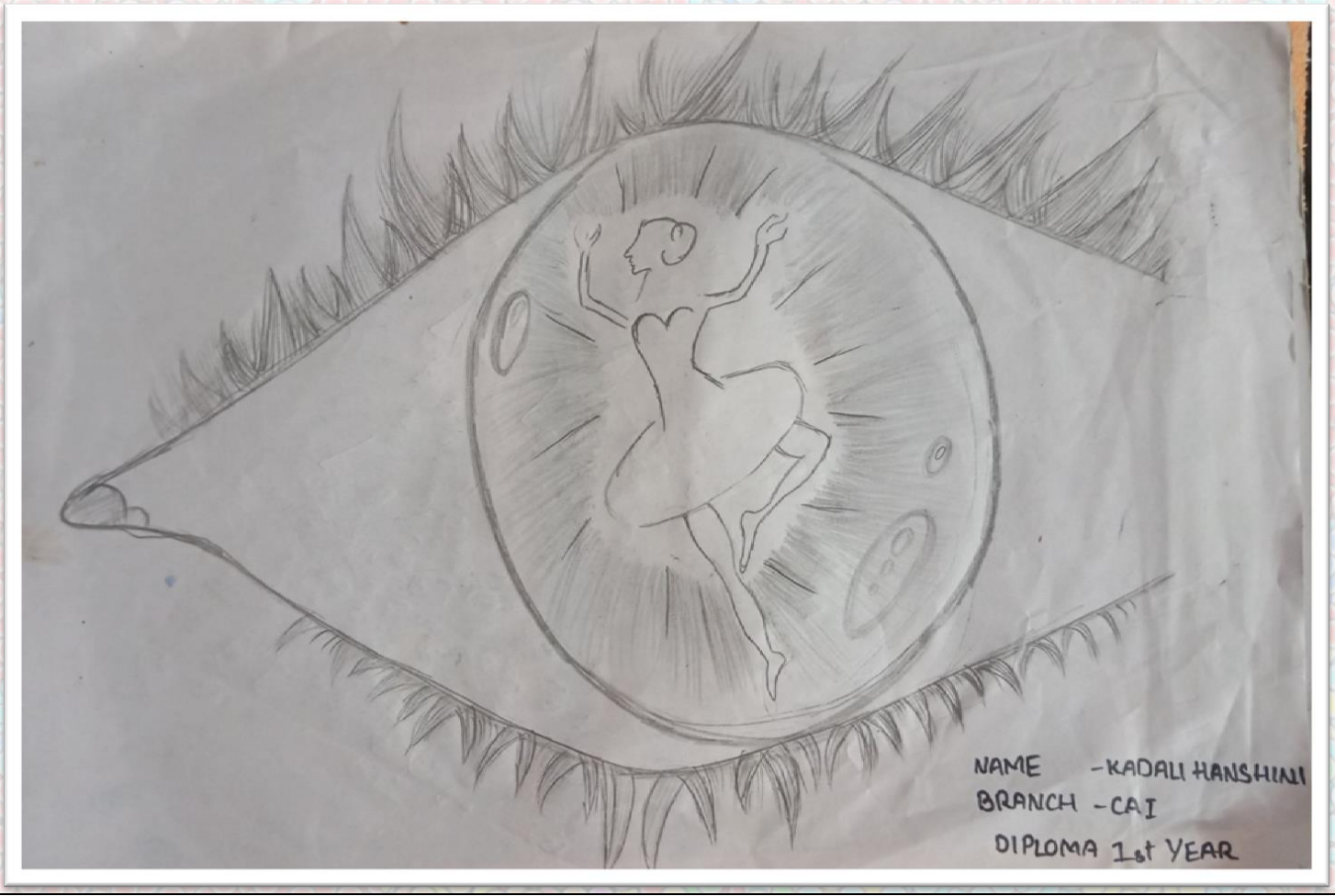
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Photograpy by Pravananjali
Diploma CME – 26601-CM-048



Art By – K. Lasya Satya Sree Gowd, Diploma 1st year CSE.





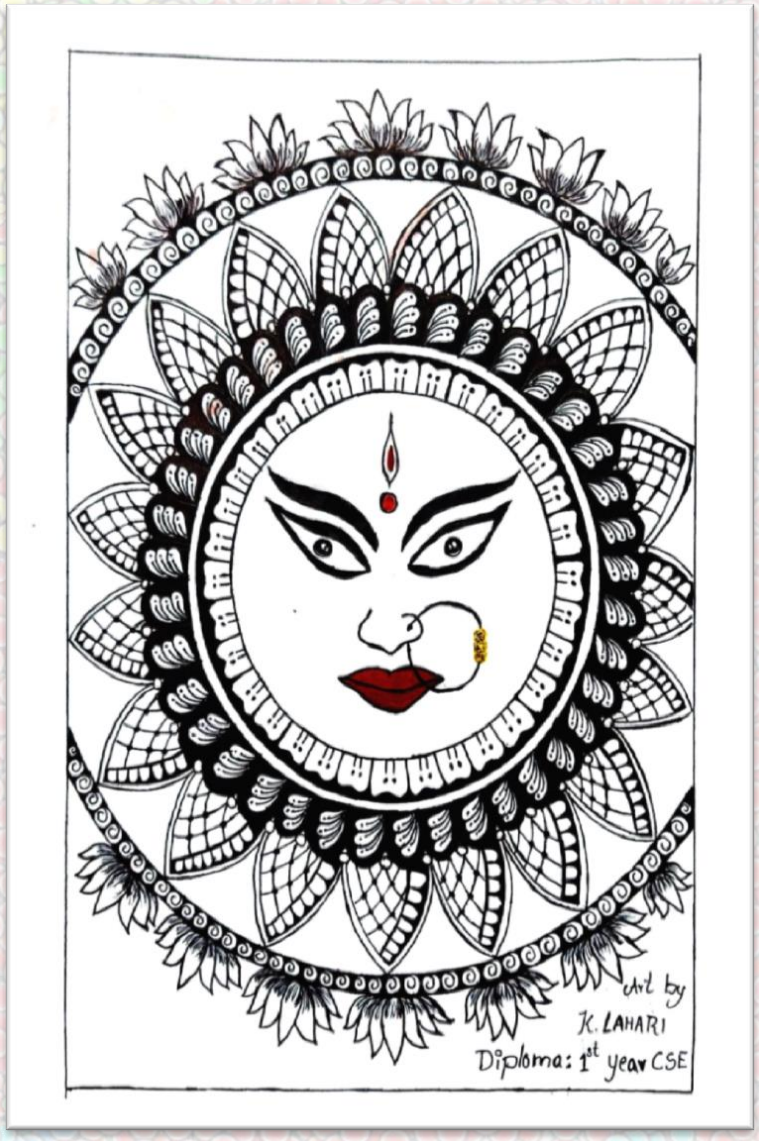
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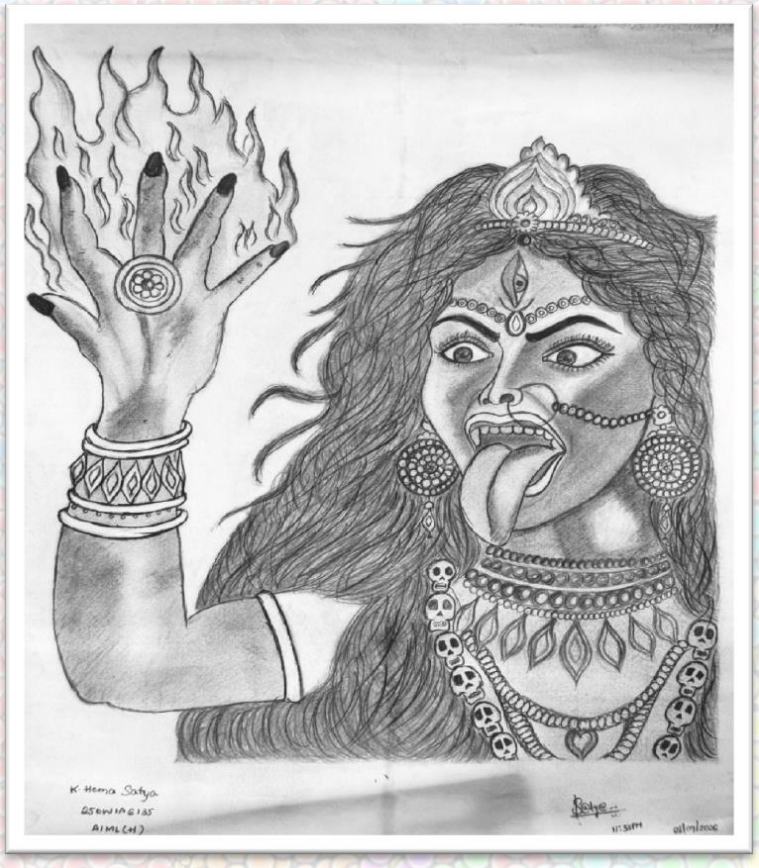


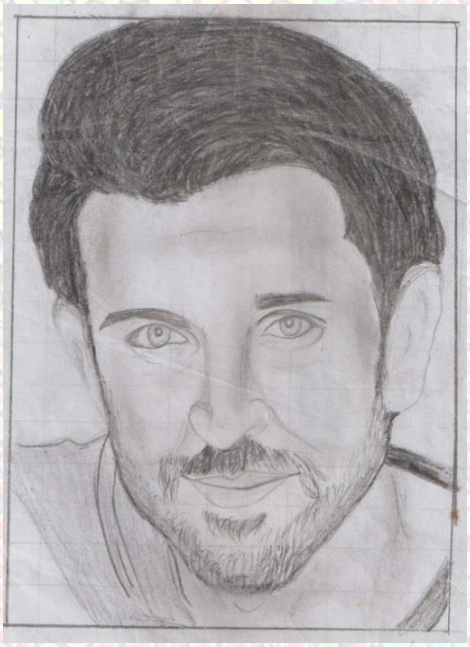
: Art by
K J Anushna

COLLEGE ISTS Women's Engineering College		
NAME :- K. Jyothika anushna		
ROLL NO	BRANCH : A.I Branch	Date
CLASS Diploma 1st year		Drawing No.
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Name - KADALI HANSHI
Branch - CAI
DIPLOMA 1st

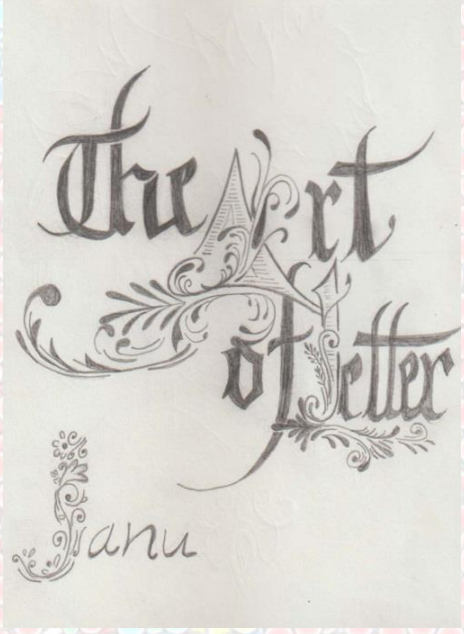

drawn by
K. LAHARI
Diploma: 1st year CSE


K. Hema Satya
GSEWIAG135
AIML(CH)


A Sketch of Love and Companionship





The Eternal Bond of Radha and Krishna

Art by K.Jnaneswari, B.Tech 1 Yr, AIML

THE MOONLIGHT HURDLER

The story I wrote is a beautiful story of a moonlight. Even on a new moon night,she appeared beautiful like my full moon. Rather than saying to a girl,"you are beautiful,"saying "you are very brave, you achieve whatever you think of,you have great determination,and you work very hard"-these are the real beauty of a girl. I learned after looking at her that one who loses in life can win, and one who falls tension times can rise again. My beautiful moonlight name is Jyothi.Jyothi Yarraji.

In the 2023 Asian games women's 100 meters hurdles finals, Chinese athlete Wu Yanni made a false Start.The officials initially disqualified her and also tried to disqualify Jyothi yarraji.But Jyothi yarraji garu prounced like a tigeress on everyone in the stadium,stating that they were blaming her without it being her fault.with that,both were allowed to participate in the race. In that competition, she won third place. However, after reviewing videos, officials found that the Chinese athlete was at fult and disqualified her, placing Jyothi yarraji garu in second place.whenever someone blames us when it is not our fault, we must defend ourselves. No matter what situation we are in, we must stay brave.





I told you so much, but I haven't told you where she comes from, right ? She is our telugu girl.she is our vizag girl. After telling so much about her, the moment we say she is our telugu girl, a small amile automatically comes into our faces, along with a little sence of pride. For our Visakhapatnam girl's life to the Paris olympics, she faced so many humiliations and many struggles. In other countries, if it. a girl wants to play sports, winning against other players is enough. But in India, she first has to win against her own family. Half of her age and patience are exhausted just to win that struggle. Given such circumstances, if Jyothi garu reached the olympics by the age of 24, imagine how many battles she must have fought, how many attempts she made, and how many times she lost.

The world only knows about her achievements and victories. Only she knows how many humiliations and hardship she buried inside her own heart.

People say girls shouldn't get angry, that they should have as much patience and endurance as Mother Earth. But earthquakes and Tsunamis occur only when mother earth herself gets angry. why are girls looked down upon so much ? Are girls inferior to men in any way? At a young age, she questioned herself :

" can't we achieve what men can achieve?" Because she questioned herself that way, she is at this level today. She did what people said she couldn't do and proved it.

When she choose this path,no one encouraged her,not even her parents.she was only 15 years old at the time; as her friends were already getting marrying off Jyothi garu.

But when Jyothi garu spoke about her dreams , both her parents felt their hearts stop for a moment. They didn't agree at first. But seeing her stubborn determination, they agreed with the belief that she would achieve something somehow. As soon as her parents agreed. She felt extremely happy. When people nearby learned that Jyothi garu chose this path, they bit like four snakes, sneaking humiliating words, and struck her so hard that she could never recover.As i said before, they say a girl should have as much patience and endurance as Mother Earth, so she buried every single word inside her heart. She waited with great patience until her opportunity came.Finally, she also got an opportunity.Her first national competition was held in Modbidri, Karnataka in 2020. She won the gold medal by completing the 100m hurdles in 13.03 seconds at the all India Inter- University Athletics meet. At this time, her old memories appeared. People who humiliated her were clapping for her. She thought, "If I decide, I can achieve anything. The people who spoke mockingly in the past are now clapping after seeing my victory. I am so proud my self. At one point, when people asked who she was hurt you ', this victory is my answer to everyone's doubts and humiliations," she said.





Her run did not stop here. On May 10 , 2022, in her first international event, the Cyprus International Athletics meet, she participated in her first international event and created a new national record with 13.23 seconds, winning the gold medal. With her continuous victories, she silenced relatives, society, and everyone around her. All the insults she faced protected her like a shield. In the stadium, she made our country feel proud.

To qualify for the Paris olympics, she worked very hard. She created history as the first Indian woman to complete in the 100m hurdles event at the Paris olympics.In heat-4; she finished in 7th place with a timing of 13.16 second. In the reapechage round , she stood in 4th place with a timing of 13.17 seconds.thus,she gave a answer to those who humiliated her through her victory. They say " actions speak louder than words," and Jyothi garu proved that.

Just when everything seemed to be going smoothly, a severe injury occurred. This incident happened while practicing hurdle training. She suffered an ACL injury in her knee. While practicing, a foam hurdle unexpectedly popped up, and her legs got caught in it, preventing her from attacking the hurdle properly. Because of this she fell down. Due to her right knee severely twisting, the ACL[Anterior Cruciate Ligament] was torn. Because of this injury, she was forced to stay away from the entire 2025 season.

She felt immense pain pain because of it. In that moment, she felt as though everything was slapping away from her.In childhood, a father teaches us how to walk, and we walk holding his hand with great courage and joy. During such times for Jyothi, her parents helped her tremendously. A tiger steps back two paces, it doesn't means it has lost ; it means it is preparing for the hunt. After her injury, she participated in the women's 100 meters hurdles race held at kalinga stadium in Bhubaneswar, Odisha, she record a time of 13.14 seconds. In the finals , she reached her target in 12.99 seconds, winning the gold medal and securing qualification standards for the games.

Jyothi yarraji garu never felt sad that she lost. She learned a new lesson from every defeat.one can win after losing, and one can rise after falling. A person I know told me a story like this : There were a few frogs in a well, and they always lived in the dark. Among them, one frog wanted to go outside and see the light. Hearing this, the other frogs warned it , spreading rumours that going outside was very dangerous. But that frog was very stubborn with sheer determination, that frog jumped out of the well. Listening to Jyothi's story reminded me of that frog's story.

Taking that frog's determination as an inspiration, Jyothi also worked hard with similar focus and trained. If we also work hard like that, we can achieve success. If we look around us, people say, You can't do this, you can't do that." If we listen to them, we will stay right where we are instead, if we step forward with determination, no matter how many people oppose us, we can achieve success and stand out in the world.

All the best to our young and dynamic runner Jyothi yarraji garu.....

By Rayudu.Jyothi
Diploma 1st year AI

The Silent Guardian

A man in uniform stands at the border while his family waits for him at home.

While we are celebrating festivals with our families, he is somewhere far away from his family, standing there for us so that we can celebrate peacefully.

A man who is the reason behind the Peace of millions

A man who gives Courage to a nation

A man who Protects us

A man who is behind the Happiness we have

A man with no Selfishness and works for a nation

A man who works Day and Night for us

A man who treats everyone as his Family

A man who finds Happiness in our smile

A man who Guards our borders

A man who Stands for all of us

A man who is Loved by millions

A man who didn't expect anything in return

A man who left his colourful life to wear the olive-green uniform.

A man who sacrifices his love.

A man who sacrifices precious time with his family.

A man who sacrifices his life .

A man who left everything for us.

A man who stands alone at the border, but never alone

If you were not there, we would not be here.The reason behind our happy and peaceful life is you. You left your happiness behind to make us happy.
We will always be grateful to you.
We thank you.
We respect you.
We love you.

This is dedicated to everyone who serves our nation and their families .

Hats off to you.

Jai Hind!

B Susmitha
Asst.Professor, AIML

My Mothers'S Old Dairy

Ramya was a college student who wanted to become an engineer. But she always getting low marks, she started thinking that maybe she was not good enough.

One day, while searching for her old certificates in a cupboard , she found a small old dairy in her mother's cupboard. She asked her mother "Amma, what is this dairy?"

Her mother smiled and said. "It was my old dairy I wrote this dairy when I was studying ."
Ramya opened the dairy . On the first page, she read:

"I want to become a teacher. Ramya was surprised. She asked her mother "Then why didn't you?"

Her mother replied, "My family is in financial problems , so I had to stop my studies."

Ramya looked at her mother and then at the notebook.

That night, she understood something that Her mother had given up her dream because of her family. But ramya still had a chance to follow her dreams .

From that day, she started working harder. She failed sometimes, but she didn't stop trying .
Few Months later, ramya won a 2nd prize in a college project competition.

She came home and showed the certificate to her mother.

She said "I did it, Amma!"

Her mother smiled with tears in her eyes.

ramya then said, "Your dream is not over amma . I will help you start teaching children."
And she helped her mother to start a tution for kids.

A few children joined their small evening classes. Her mother taught the students Telugu ,hindi , science and more about culture and ethics and her daughters helped her mother and taught about maths , English when ever she has time .

IT WAS MORE THAN A BEGINNING FOR HER-IT WAS A CHANCE TO COMPLETE THE DREAM HER MOTHER ONCE HAD.

The old dairy was kept safely on the table.

It was no longer just her mother's dairy .

It became the beginning of both their dreams.

"SOME DREAMS ARE LEFT UNFINISHED,BUT THEY ARE NEVER LOST. SOME TIMES, A DAUGHTER BECOMES THE REASON FOR HER MOTHER'S FORGOTTEN DREAM BEGINS AGAIN".

Addagalla Likhith
AIML-D1 2ND YEAR
256W1A6162

FROM DUSSEHRA TO THE DIGITAL ERA: USING TECHNOLOGY FOR GOOD

Name: Gurram Asritha Sri Pallavi
Course: Diploma – CSE
Year: 1st Year (2026–27)

Introduction

Every generation experiences a different kind of change. Today, one of the biggest changes is the rapid growth of technology. Artificial Intelligence (AI), robotics, smart devices and other emerging technologies are becoming part of our daily lives. As a first-year Computer Science Engineering student, I find it interesting to see how ideas that once seemed like science fiction are becoming real tools around us.

Dussehra is a festival that reminds us of the victory of good over evil. In today's digital world, I believe this idea can also remind us that technology itself is a tool, and its impact depends on how responsibly we use it.

Technology in Student Life

Technology has changed the way students learn. We can find information quickly, attend online classes, practise questions and use digital tools to understand difficult subjects. AI-based tools can also give explanations and learning support.

At the same time, students should not depend completely on technology. We need to think, question, practise and learn by ourselves. Technology should support our learning, not replace our effort.

Technology for Society

Emerging technologies can help solve real problems. In agriculture, digital tools can help farmers use information about weather and crops. In healthcare, AI can assist professionals in analysing information. In transportation, smart systems can improve planning and safety. Technology can also make communication and services more accessible to people in different communities.

These examples show that technology is not only about computers and software. It can also be used to improve everyday life.

Can Technology Make Our Villages Smarter?

Technology has the potential to support rural communities as well. Better internet access, digital education, online services, smart farming tools and access to useful information can create new opportunities for people in villages.

For me, this is one of the most meaningful possibilities of technology: not just making our phones smarter, but helping people and communities solve practical problems.

The Responsibility Behind Innovation

Every new technology brings both opportunities and challenges. AI can save time and support people, but issues such as privacy, misinformation, unfair decisions and changes in employment also need attention. We should therefore develop technology with responsibility, fairness and human values.

As students who may become future engineers and developers, we have a responsibility to learn not only how technology works, but also how it affects people.

A CSE Student's Vision of the Future

As a first-year CSE student, I am only at the beginning of my journey in technology. I hope to learn programming, understand how software works and one day create useful solutions to real problems. I believe that becoming a good engineer is not only about writing code. It is also about understanding people's needs and using knowledge in a positive way.

The future will bring many new technologies, but human values will always remain important.

Conclusion

Dussehra teaches us an important message: positive values should guide our actions. In the same way, emerging technologies can bring positive change when they are used wisely and responsibly.

Technology is powerful, but the people behind it decide how that power is used. If we combine innovation with responsibility, education and good values, we can use technology to build a smarter, safer and more helpful future for society.



India's $25 Billion Deep-Tech Push

A New Horizon for Women in AI, Data Science & AIML



What India's Deep-Tech Revolution Could Mean for Telugu-Speaking Women Engineering Students — 2026–2030







A New Technology Era Is Beginning

India is entering an important phase in its technology journey. In September–October 2026, industry discussions have highlighted a **proposed $25-billion funding pool for Indian deep-tech start-ups**, covering areas such as Artificial Intelligence, semiconductors, advanced manufacturing, drones and space technology. The proposal is expected to bring together government support, private equity, venture capital and other sources of investment.

For a young woman beginning a B.Tech in Artificial Intelligence & Machine Learning (AIML), Artificial Intelligence & Data Science (AI&DS), or related disciplines in 2026, this development is more than a financial headline. It points toward a technology ecosystem in which today's students could become AI engineers, data scientists, semiconductor designers, researchers, entrepreneurs and technology founders by 2030 and beyond.

For students from Andhra Pradesh and Telangana—particularly Telugu-speaking women studying

gineering—this creates an opportunity to combine local problems, engineering knowledge and advanced technology.

What Is Deep Tech?

Deep Tech refers to technologies based on substantial scientific research, advanced engineering and intellectual property.

It includes:

- Artificial Intelligence & Generative AI
- Data Science & Machine Learning
- AI chips and semiconductor technology
- Autonomous systems and robotics
- Space technology
- Cyber Security
- AI-powered agriculture
- Healthcare technology
- Energy and climate technology
- IoT and advanced communications
- Quantum and other emerging technologies

India's Research, Development and Innovation (RDI) initiative has a **₹1 lakh crore outlay over six years** and identifies AI, robotics, quantum technologies, agriculture, health, biotechnology and the digital economy among priority areas. It is specifically designed to encourage private-sector R&D and deep-tech investment.

Why Is This Important for a B.Tech Student?

1. AI Students Could Move From Using AI to Building AI

Today's students frequently use AI tools.

Tomorrow's engineers will increasingly be expected to **build AI systems**.

India's India AI Mission has a total outlay of approximately **₹10,372 crore**. As of 2026, the government reported substantial subsidised AI-compute capacity, including GPU resources made available to eligible startups, researchers, academia and students.

This matters because AI development requires computing power.

For a student, this could mean opportunities to develop projects such as:

- Telugu-language AI assistants
- Speech-to-text systems for Telugu
- AI tools for farmers
- Crop disease detection
- Rural healthcare analytics
- Women's safety applications
- Educational AI tutors
- Computer-vision systems
- Local-language translation systems
- AI-based traffic and transport solutions

Imagine a Telugu AI Assistant

A student from a small town in Andhra Pradesh could develop an AI application that understands:

"నాకు పంటలో ఈ సమస్య ఎందుకు వచ్చింది?"

and provides agricultural information in Telugu.

That is not simply a classroom programming exercise.
It could become a **research project, start-up idea or social-impact technology product**.

2. Telugu Language + AI = A Major Opportunity

India is multilingual, but much of the world's digital technology has historically been developed around English and other globally dominant languages.

This creates an opportunity for students who understand both **technology and Telugu**.

A Telugu-speaking AI student can explore:

Natural Language Processing (NLP)

- Telugu speech recognition
- Telugu text summarisation
- Telugu translation
- Voice assistants
- Educational chatbots
- Telugu OCR
- Text-to-speech
- AI content generation
- Government-service assistants
- The combination of:

Telugu + English + Python + AI + Data can become a distinctive skill set.

India's AI programmes are also supporting multilingual foundation-model development and AI applications designed for Indian requirements.

3. AI + Agriculture: A Special Opportunity for Andhra Pradesh & Telangana

The future of agriculture will increasingly depend on **data and intelligent technology**.

AIML students can work with Agricultural Engineering, biotechnology and environmental science students to develop:

Crop disease detection
Smart irrigation
Weather prediction
Satellite-based crop monitoring
Pest detection
Yield prediction
Precision farming
Soil analysis
Farmer advisory systems

India's RDI framework specifically identifies **AI applications in agriculture** as a priority area.

This creates an interesting interdisciplinary opportunity:

AI Student + Agricultural Engineering Student + Local Farmer = Deep-Tech Innovation

A problem experienced by a farmer in East Godavari, Krishna, Guntur, Telangana or Rayalaseema could become the starting point for a technology project with national relevance.

4. The Chip Revolution Creates Opportunities Beyond Software

One of the most important aspects of India's technology strategy is the development of the **semiconductor ecosystem**.

Semiconductors are the foundation of:

AI + Smartphones + Cars + Satellites + Medical Devices + Robotics + Data Centres + Defence Technology

India's Semiconductor initiatives are supporting chip design, manufacturing and related infrastructure. The government reported support for **103 fabless semiconductor design companies**, while several chip designs have progressed toward fabrication.

This means AI students should not think:

"AI means only software."

The future also includes:

AI + Hardware + Chips

AI-on-Chip

Students can learn about:

- Edge AI
- AI accelerators
- GPUs
- NPUs
- RISC-V
- Embedded AI
- Computer architecture
- FPGA
- VLSI
- Semiconductor design
- IoT devices

An AIML student who develops knowledge of **AI + hardware** could enter an increasingly interdisciplinary technology ecosystem.

5. Women Students Have a Special Opportunity

The expansion of AI and deep-tech education is also creating programmes specifically designed to increase women's participation.

For example, a Government of India–Microsoft initiative announced **AI Careers for Women**, involving Centres of Excellence and educational institutions in Tier-II and Tier-III locations, with industry-oriented AI training and project exposure.

Women-focused technology initiatives are also emerging in semiconductor education and research. The Groww Foundation–CeNSE programme at IISc, for example, focuses on helping girls and women access deep-science and semiconductor learning, research exposure and internships.

This is significant for students studying outside India's traditional metropolitan technology hubs.

6. Students Should Start Building a Portfolio From First Year

A degree certificate alone may not demonstrate what a student can build.

From **2026 onwards**, every AI/DS/AIML student can aim to graduate with a portfolio containing:

1st Year

Programming + Mathematics + Communication

Learn:

- Python
- C/C++
- Git & GitHub
- Basic statistics
- Problem solving
- Communication skills

2nd Year

Data + Machine Learning

Build:

- Data-analysis projects
- Machine-learning models
- Computer-vision projects
- NLP applications

3rd Year

Advanced AI + Industry

Focus on:

- Deep learning
- Generative AI
- LLMs
- Cloud AI
- MLOps
- Internships
- Hackathons
- Research projects

4th Year

Innovation + Career

Develop:

- Major project
- Research paper
- Patent possibility
- Startup prototype
- Industry project
- Product demonstration
- Placement portfolio

7. From Telugu Village to Global Technology

One of the most exciting possibilities of the deep-tech ecosystem is that innovation does not necessarily have to begin in Bengaluru, Hyderabad or Mumbai.

A student from a Telugu-speaking rural or semi-urban background can identify a local problem and use technology to solve it.

For example:

Problem: Farmers struggle to identify crop diseases.
⬇
Student Idea: Capture crop images through a smartphone.
⬇
AI: Train a computer-vision model.
⬇
Local Language: Provide the result in Telugu.
⬇
Application: Farmer receives an easy-to-understand recommendation.
⬇
Innovation: Prototype → Incubation → Startup → Investment

This is the kind of journey that can transform a **B.Tech project into a technology venture**.

8. What Should Women AI Students Learn Between 2026 and 2030?







The 10-Skill Roadmap

Skill	Why It Matters
Python	Foundation for AI/ML
Mathematics & Statistics	Understanding models
Data Structures	Strong programming foundation
Machine Learning	Core AI capability
Deep Learning	Advanced AI applications
Generative AI	Emerging application area
Cloud Computing	Deploying AI systems
Git/GitHub	Collaborative development
Communication	Presenting ideas effectively
Entrepreneurship	Converting ideas into products

And one additional skill is becoming increasingly important:

Problem Identification

The best technology is not simply the technology that is complicated.

It is technology that **solves a meaningful problem**.

9. From Student Project to Deep-Tech Startup

The deep-tech ecosystem is already demonstrating that Indian startups can attract substantial investment.

For example, the India Deep Tech Alliance reported approximately **₹2,170 crore invested across 56 deep-tech startups** during its first year, including investments in AI, quantum, robotics, energy, biotechnology and the digital economy.

The semiconductor ecosystem is also attracting venture capital. Government data released in January 2026 said 14 of 24 startups participating in the Design Linked Incentive programme had secured venture-capital funding.

For students, this suggests a pathway:

College Project → Prototype → Incubation → Patent/IP → Startup → Investment → Product

It is not guaranteed—and it requires technical excellence, market validation, mentoring and persistence—but the ecosystem for such a journey is developing.

10. A Special Message to Telugu-Speaking Women Engineers

****మీ భాష మీ బలం.**

మీ కెరీర్ మీ భవిష్యత్తు.**

Being from a Telugu-speaking background does not have to be a limitation in the AI era.

In fact, understanding local language, culture and community problems can help identify technology problems that others may overlook.

A student who knows:

Telugu + English + Mathematics + Programming + AI

can build technology for millions of Indian users.

Imagine a generation of young women creating:

AI solutions for farmers
AI solutions for rural healthcare
AI tutors in Telugu
Women-safety technologies
Satellite-data applications
Robotics solutions
Indian-language foundation models
AI-powered businesses
Semiconductor and hardware innovations

The 2026–2030 Challenge

The proposed $25-billion deep-tech funding pool is an ecosystem signal—not a promise of funding for individual students. Its importance lies in the possibility of greater capital flowing toward Indian deep-tech companies and technologies.

For students entering B.Tech in 2026, the next four years can therefore be treated not merely as a period for completing a degree, but as a period for building capability.

2026
Learn
2027
Build

2028
Innovate
2029
Research & Intern
2030
Launch, Work or Pursue Advanced Research

From Campus to Global Innovation

India's deep-tech journey will ultimately depend not only on the amount of money invested, but also on the **engineers, researchers and entrepreneurs who can convert that investment into useful technology**.

For today's Telugu-speaking women students studying **AI, Data Science and AIML**, the message is simple:

Don't prepare only to use tomorrow's technology.

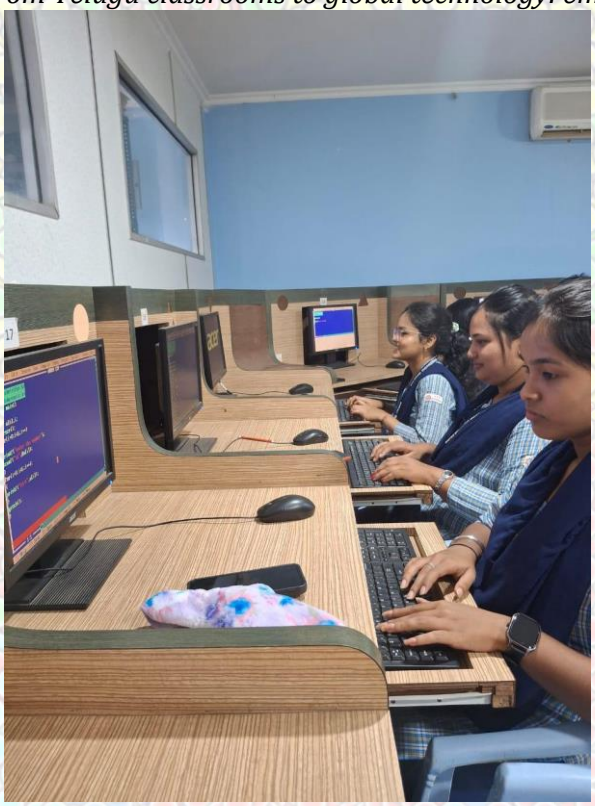
Prepare to build it.

The student sitting in an engineering classroom in **2026** could become the AI researcher, semiconductor engineer, startup founder or technology leader creating an Indian solution for the world in 2030 and beyond.

The Deep-Tech Revolution is not only about chips, computers and capital.

It is about people—and the next generation of Indian women engineers can be among those who build it.

"From Telugu classrooms to global technology: empowering the next generation of women AI innovators."







Dodda Lakshmi Prasanna
IV CSE(AI)

Inspiring Women in Space

Kalpana Chawla & Sunita Williams

Two Dreams... One Sky... Endless Possibilities...

The sky is not the limit... It is only the beginning...



Kalpana Chawla

"A girl with a dream can reach the stars."

- From : Karnal, India
- Field : Aerospace Engineering
- Achievement : First woman of Indian origin to travel to space.

Kalpana Chawla's journey from a small town to space teaches us that our beginnings do not decide our destination. She believed in learning, working hard and following her passion for science.

Her lesson :
Dream beyond your surroundings.
Work beyond your limits.



Women can achieve anything with education, courage and perseverance.



Sunita Williams

"Strength has no gender."

- Background : Naval officer & test pilot
- Career : NASA astronaut
- Known for : Spacewalks & long-duration missions
- Special achievement : Completed a marathon in space.

Sunita Williams represents strength, discipline, fitness and perseverance. Her journey reminds us that reaching great heights requires not only intelligence but also physical fitness, mental resilience and courage.

Her lesson :
Train your body. Strengthen your mind.
Never stop moving forward.

7 Lessons for Today's Students

1. **Dream boldly**
   Your background should never limit your ambitions.
2. **Study sincerely**
   Knowledge is the strongest foundation for success.
3. **Work hard daily**
   Great achievements come from small, consistent efforts.
4. **Be confident**
   Believe in your abilities, even when others doubt you.
5. **Face failure bravely**
   Every failure teaches a new lesson.
6. **Stay disciplined**
   Good habits, health and time management create success.
7. **Serve society**
   Use your education and skills to help others and make the world better.

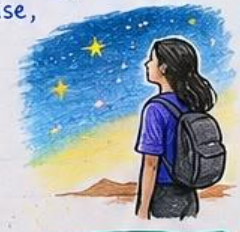
A Message to Every Student

Dear students,
Kalpana Chawla and Sunita Williams remind us that women can achieve anything with education, courage and perseverance. They did not become successful overnight; they worked patiently for years and never stopped learning.

Dear girl students, never think that any career is beyond you. Science, engineering, space, sports, leadership, medicine or any profession — you can achieve it with confidence and commitment.

Dear boy students, respect and encourage the girls around you, because when women rise, the whole society rises.

Aim high, work sincerely, stay humble and never give up.



The sky is not the limit; it is only the beginning!

Prepared by
Jayasri Puli
(Training and Placement Department)

Dream ★ Learn ★ Achieve ★ Inspire



DIGITAL LANDSCAPE

"The world of influencers"

By AVS Prasad



"Digital Landscape"
"The world of influencers"

YouTube was officially launched in India on December 15, 2006. However, it only became popular in the country in the late 2000s. YouTube launched its localized version in India in 2008. YouTube is YouTube's biggest and fastest-growing audience. The platform has become an important source of news for Indians. YouTube was established on February 14, 2005, by three former PayPal employees: Chad Hurley, Steve Chen, and Jawed Karim. The first video, "Me at the zoo", was uploaded on April 23, 2005 by Jawed Karim. As of October 1, 2023, the video has been viewed over 287 million times. Being a YouTuber can be a lucrative and gratifying career. YouTube has a large audience and user-friendly. Features, making it a popular platform for content creators

A YouTuber is a type of social media influencer who uploads or creates videos on the online video-sharing website YouTube, typically posting to their personal YouTube channel. The term was first used in the English language in 2006, and subsequently appeared in the 2006 Time Person of the Year issue. Asoka007 was the first Indian YouTuber or oldest Indian YouTube Channel. He was created this channel Oct 16 2005. This channel he uploaded only 7 videos. This channel has now 6k+ subscribers.

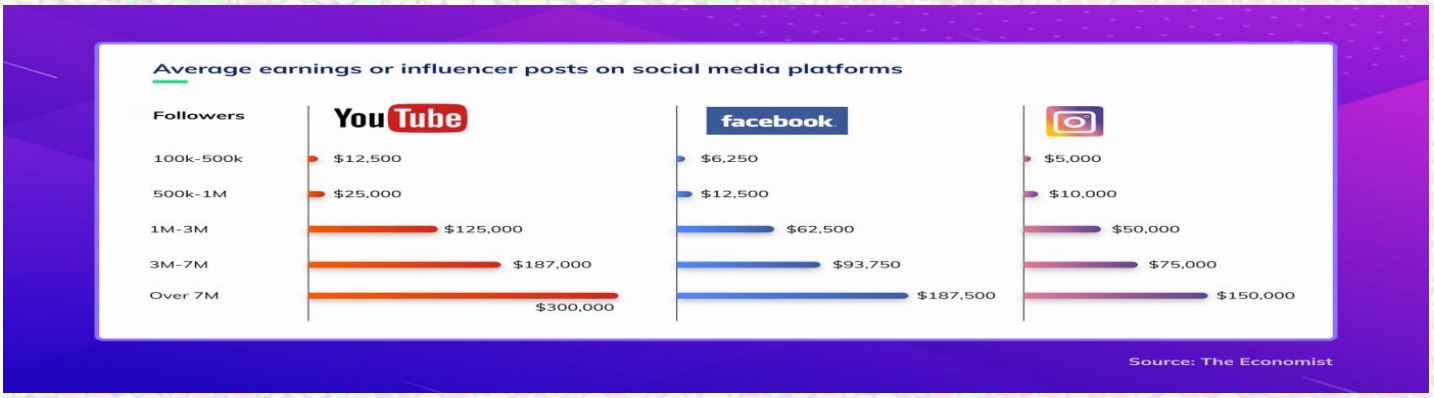
Growth rate of Youtuber in India from last 10 years

In 2014, YouTube in India had only 16 content creators with 10 lakh subscribers. In less than a decade, that number has grown exponentially to reveal an average of 2 content creators who cross 10 lakh subscribers and more than 2,500 content creators who cross the 1,000 subscriber milestone every day.

In India, the average salary for a social media influencer is ₹24, 691 per month. The average income for an Indian YouTube content creator is ₹4, 17,759 per year.

Here's how much Instagram influencers earn based on the number of followers they have:

- Micro-influencers: 1,000–10,000 followers, average monthly income of ₹1.17 lakhs
- Macro-influencers: 50,000–500,000 followers, can charge ₹14,843–₹49,725 per post
- Mega-influencers: More than one million followers, average monthly income of ₹12 lakhs



Growth rate of followers of YouTube in India from last 10 years

YouTube user growth has been tremendously in the last decade, with 1.9 billion new users added to the platform. At 2023, YouTube users in India are estimated to reach 826.44 million.

Top YouTube's In India 2023

Here is the list of the top You Tubers, in India for 2023. These content creators have amassed a large subscriber base and achieved immense success on the platform. They cover various genres such as gaming, comedy, tech, and motivation, captivating audiences with their engaging videos and unique perspectives.

Rank	Top You Tubers	Subscribers	Content Type	Monthly Income
1	Carry Minati	38.3 million	Roasting, Comedy	25 Lakhs
2	Total Gaming	34.7 million	Gaming	7 to 8 Lakhs
3	Techno Gamerz	32.6 million	Gaming	15+ Lakhs
4	Mr. Indian Hacker	30.5 million	Life Hacks, Experiments	15 to 20 Lakhs
5	Round2hell	29.6 million	Comedy Skits	10 to 20 Lakhs
6	Ashish Chanchlani	29.5 million	Comedy Skits, Vlogs	25+ Lakhs
7	Sandeep Maheshwari	27.4 million	Motivational Speaking	30+ Lakhs
8	BB Ki Vines	26.1 million	Comedy, Entertainment	20 to 25 Lakhs
9	Amit Bhadana	24.4 million	Comedy, Entertainment	25 to 30 Lakhs
10	Technical Guruji	22.9 million	Technology Reviews	45 to 50 Lakhs





Harika Akula
B.Tech. IV Yr – DS

“చెడుపై మంచి సాధించిన విజయం” — దసరా మనకు అందించే గొప్ప సందేశం ఇది. కానీ ఈ సందేశాన్ని కేవలం ఒక పండుగకు మాత్రమే పరిమితం చేయకుండా, మన జీవితాల్లోనూ ఆచరించగలిగితే దాని అసలైన అర్థం మరింత గొప్పగా మారుతుంది.

ఈ సంవత్సరం మా ISTS Women’s Engineering Collegeలో దసరా వేడుకలతో పాటు Emerging Technologies and Their Impact on Society అనే ఆలోచనను ముందుకు తీసుకురావడం నాకు ఎంతో ప్రత్యేకంగా అనిపించింది. ఎందుకంటే నేటి ప్రపంచంలో జ్ఞానం అజ్ఞానంపై, ఆవిష్కరణ ఆలోచనల పరిమితులపై, సాంకేతికత మస్యలపై విజయం సాధిస్తున్నాయి.

దసరా చెప్పే సందేశం… నేటి సాంకేతికత చూపించే మార్గం దసరా మనకు మంచి చెడుపై గెలుస్తుందని, జ్ఞానం అజ్ఞానాన్ని తొలగిస్తుందని, ధైర్యం భయాన్ని అధిగమిస్తుందని గుర్తుచేస్తుంది.

అదే విధంగా నేటి Artificial Intelligence, Data Science, Robotics, Automation, Cloud Computing, Cybersecurity వంటి emerging technologies మన సమాజం ఎదుర్కొంటున్న అనేక సమస్యలకు కొత్త పరిష్కారాలను చూపిస్తున్నాయి.

Technology అంటే కేవలం computers, machines లేదా software మాత్రమే కాదు. Technology అనేది మన ఆలోచనలకు ఒక శక్తి. ఒక సమస్యను కొత్త కోణంలో చూడటం, ఒక ఆలోచనను innovationగా మార్చడం, ఒక innovationను సమాజానికి ఉపయోగపడే పరిష్కారంగా తీసుకురావడం — ఇదే నిజమైన technological progress.

నా కాలేజ్ — పుస్తకాలకే పరిమితం కాని ప్రపంచం

ISTS నాకు కేవలం ఒక కాలేజ్ కాదు. నా ఆలోచనలకు దిశ చూపించే ఒక learning space. ఇక్కడ education అంటే కేవలం examinationsలో marks సాధించడం మాత్రమే కాదు. Learn, Think, Create and Lead అనే ఆలోచనతో మనల్ని భవిష్యత్తుకు సిద్ధం చేయడమే అసలు లక్ష్యం. Classroomలో నేర్చుకున్న knowledge బయట ప్రపంచంలో ఎలా ఉపయోగపడుతుందో అర్థం చేసుకునే అవకాశాలు మా కాలేజ్‌లో ఉన్నాయి. ముఖ్యంగా Tech Park ద్వారా industry environment, emerging technologies, corporate culture మరియు practical exposure గురించి తెలుసుకునే అవకాశం కలుగుతోంది. ఇది ఒక విద్యార్థిగా నాకు చాలా ముఖ్యమైన అనుభవం. ఎందుకంటే రేపటి career కోసం ఈరోజే industryని అర్థం చేసుకోవడం అవసరం.

Education నుంచి Industry వరకు…
ప్రస్తుత ప్రపంచంలో degree ఒక్కటే సరిపోదు. Skills, communication, confidence, problem-solving ability మరియు industry awareness కూడా equally important.

ఈ విషయంలో మా Training & Placement Cell విద్యార్థులను ఎన్నో విధాలుగా సిద్ధం చేస్తోంది. Technical trainingతో పాటు aptitude, communication, resume building, group discussions, mock interviews మరియు professional skillsపై కూడా శిక్షణ ఇస్తున్నారు.

Industry interactions, awareness programmes, workshops, certifications మరియు internship opportunities ద్వారా classroom learningకు real-world exposureను జోడించే ప్రయత్నం జరుగుతోంది.

అందుకే ISTSలో నేను నేర్చుకుంటున్నది కేవలం "ఏం చదవాలి?" అనే ప్రశ్నకు సమాధానం కాదు.

"ఎలా నేర్చుకోవాలి? ఎలా ఆలోచించాలి? ఎలా create చేయాలి? ఎలా lead చేయాలి?" అనే ప్రశ్నలకు కూడా సమాధానం.

ఒక మహిళా విద్యార్థిగా నా గర్వం

Women in technology గురించి మాట్లాడుతున్న ఈ సమయంలో, మహిళా విద్యార్థులకు technology, innovation మరియు leadershipలో ముందుకు వెళ్లే అవకాశాలు కల్పించడం నాకు ఎంతో స్ఫూర్తినిస్తుంది.

ఒక అమ్మాయి కలలు కనడం మాత్రమే కాదు —
ఆ కలను skillగా మార్చాలి.
Skillను opportunityగా మార్చాలి.
Opportunityను achievementగా మార్చాలి.

ఈ ఆలోచన నాకు నా college journeyలో మరింత confidence ఇచ్చింది.

భవిష్యత్తు మన చేతుల్లోనే ఉంది

మన చుట్టూ technology వేగంగా మారుతోంది. AI మన పనులను మార్చుతోంది. Data మన నిర్ణయాలను ప్రభావితం చేస్తోంది. Automation industriesను మార్చుతోంది. Cybersecurity digital worldను రక్షిస్తోంది.
ఈ మార్పులను కేవలం చూస్తూ ఉండే generation కాకుండా, వాటిని అర్థం చేసుకుని, responsibleగా ఉపయోగించి, కొత్త solutions సృష్టించే generationగా మనం ఎదగాలి. అదే సమయంలో technology ఎంత అభివృద్ధి చెందినా, దానికి దిశ చూపేది మన values, responsibility and humanity.

అందుకే దసరా సందేశం మరియు technology సందేశం నాకు ఒకే విషయాన్ని చెబుతున్నట్లు అనిపిస్తుంది:
చీకటిని నిందించడం కంటే ఒక దీపాన్ని వెలిగించడం గొప్పది.

సమస్యను గురించి మాట్లాడటం కంటే ఒక పరిష్కారాన్ని సృష్టించడం గొప్పది.
భవిష్యత్తు కోసం ఎదురుచూడటం కంటే దాన్ని నిర్మించడం గొప్పది.

నా ISTS... నా భవిష్యత్తుకు మొదటి అడుగు

ఈరోజు నేను ISTSలో ఒక విద్యార్థిని. రేపు నేను ఏ రంగంలో ఉన్నా, ఇక్కడ నేర్చుకున్న knowledge, confidence, discipline మరియు ability to learn will always remain a part of my journey.

From Tradition to Technology.
From Knowledge to Innovation.
From Ideas to Impact.
From Dreams to Achievement.

ఇది కేవలం ఒక theme కాదు.
ఇది మా generation యొక్క journey.
మరియు ఆ ప్రయాణంలో…

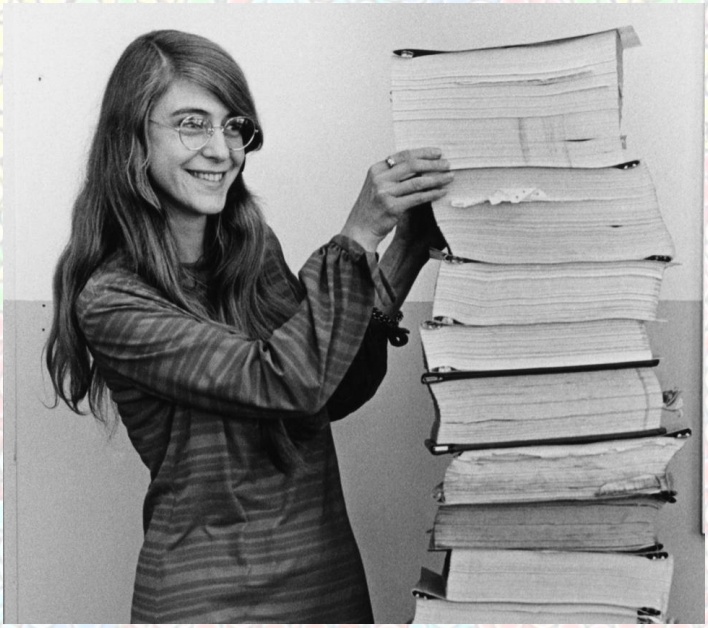
"ISTS నా కాలేజ్ మాత్రమే కాదు — నా భవిష్యత్తును నిర్మించుకోవడానికి నేను వేసుకుంటున్న మొదటి బలమైన అడుగు."

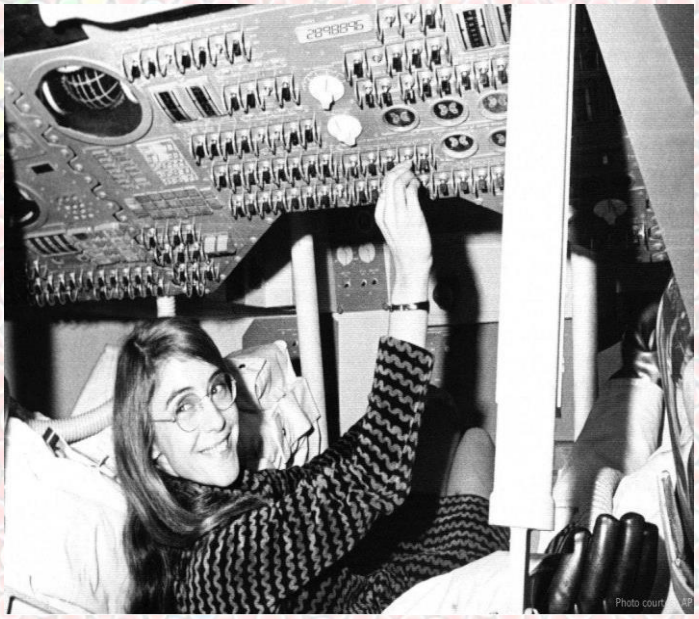
Harika Akula
236W1A8802
IV B.Tech - Data Science

The MOTHER OF SOFTWARE ENGINEERING

The function of good software is to make the complex appear to be simple

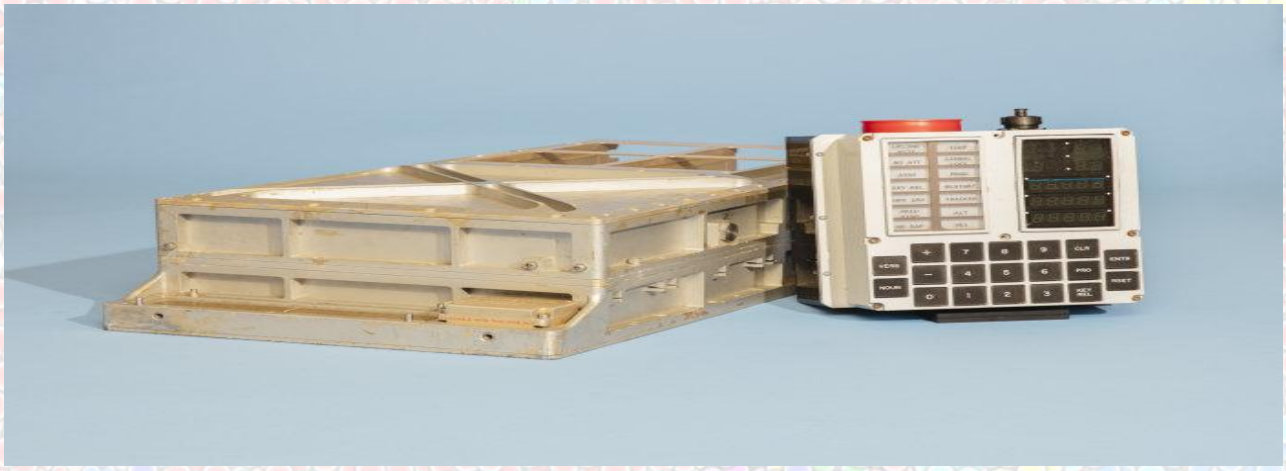
Once upon a time in the early 1960s, a young mother and mathematician named Margaret Hamilton walked into the labs of MI. At the time, computer programming wasn't considered a prestigious science. In fact, most male engineers looked down on it as clerical work, a tedious task of punching cards and plugging wires.





But Margaret was different. She sawa frontier. When NASA launched the Apollo program, they didn't just need powerful rockets; they needed a completely new kind of brain to guide astronauts safely to the moon and back. Margaret was hired to lead the team developing the flight software of the Apollo Command Module and Lunar Lander.

She worked around the clock. Because there were no day cares for working mothers in tech back



then, she often brought her young daughter, Lauren, to MIT labs on weekends. While Lauren slept on the floor or played on the mock-up simulator, Margaret wrote lines of code by hand, which were later turned into physical copper wires by factory workers—a process affectionately called "LOL memory" forthe little old

ladies who did the weaving. Margaret was obsessed with perfection. She knew that a single typo in her code could mean life or death for the astronauts.

To force people to take her work seriously, she began using a new term to describe what she did: "software engineering." People laughed at her at first, saying it wasn't a "real" engineering discipline. But she kept using it anyway.

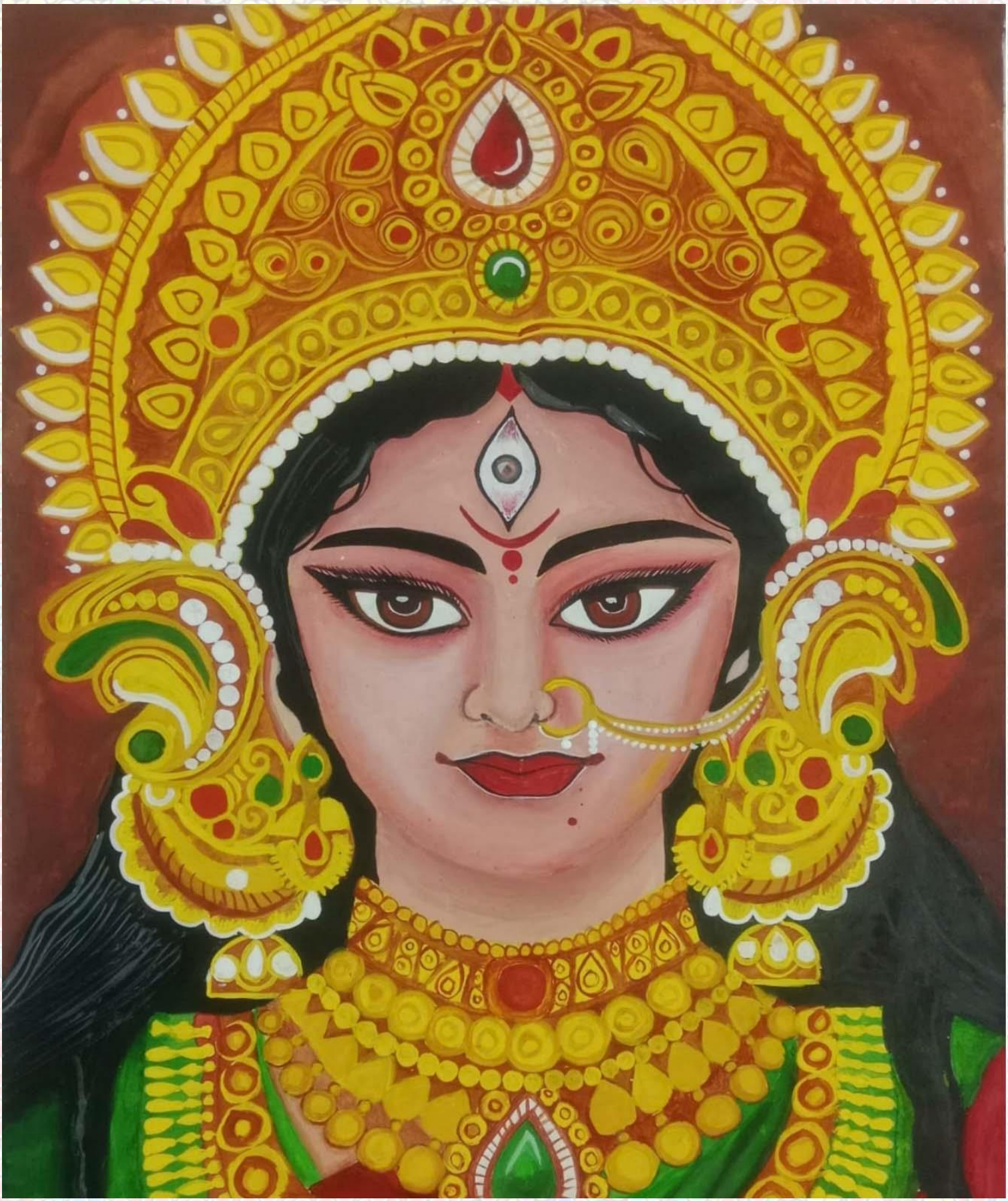
Herobsession with safety faced its ultimate test on J uly 20, 1969. Just three minutes before Apollo 11 was scheduled to touch down on the lunar surface, a radar switch was mistakenly left in the wrong position. Suddenly, the spacecraft's computer was flooded with an overwhelming amount of data. Alarms flashed inside the cockpit. The computer was dangerously overloaded, and a crash loomed.

But Margaret had anticipated human error. She had designed a brilliant "priority scheduling" system. Her code recognized that landing the ship was far more important than processing radar data. The computer automatically dropped the low-priority tasks, focused entirely on firing the thrusters, and allowed Neil Armstrong and Buzz Aldrin to safely land on the Moon.

Margaret Hamilton didn't just help humanity reach the stars; she proved to the world that software was a vital, rigorous science. Decades later, her legacy was cemented when she stood in the White House to receive the Presidential Medal of Freedom, proving that the field she fought to define had changed the course of human history forever.

Moral: Preparation, persistence, and refusing to accept the status quo can change the course of human history.

Madda Anandi
Diploma CAI I Year



TVJ Satwika
I Year Diploma CSE



THE SILENT HERO BEHIND EVERY SUCCESS

A Father's Unspoken Dreams and Silent Sacrifices

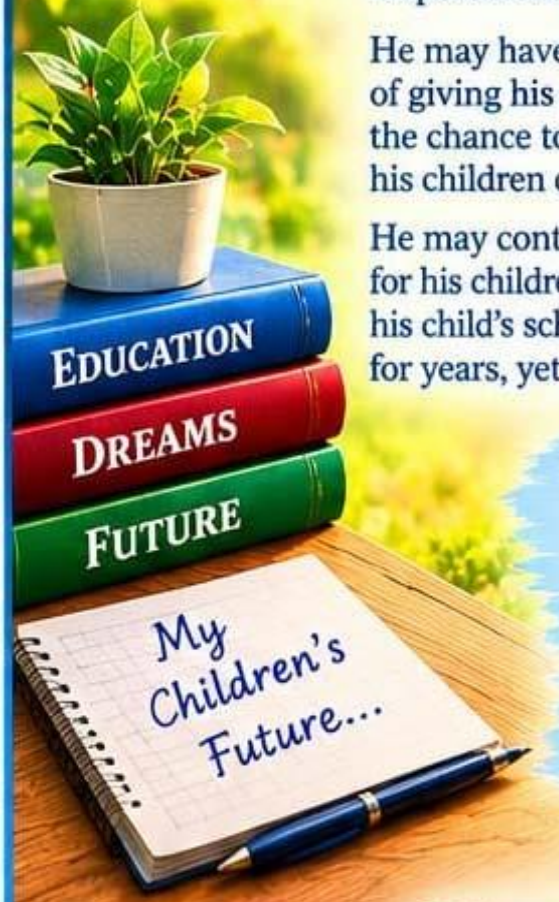
A father's love is often the quietest form of love."

He may not say, "I love you" every day. He may not express his emotions through long conversations or affectionate words. Instead, his love appears in a different form—in the early mornings, the long hours of work, the carefully planned expenses, the postponed dreams, and the constant concern about his children's future.

For a middle-class father, raising children is not merely a responsibility; it is a lifelong journey of sacrifice.

He may have grown up with limited opportunities, but he dreams of giving his children unlimited possibilities. He may not have had the chance to pursue his own dreams, but he silently works so that his children can pursue theirs.

He may continue wearing the same old shirt while buying new clothes for his children. He may postpone buying something he needs because his child's school or college fee is due. He may travel on an old vehicle for years, yet proudly arrange everything necessary for his child's education.



The Mathematics of a Middle-Class Father

A father's life is often a aclculation.

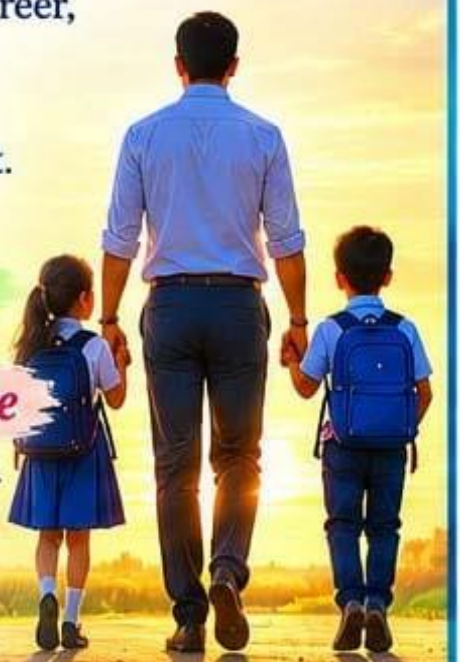
- Salary minus house expenses.
- Fees minus savings.
- Medical expenses minus future plans.
- Children's dreams minus his own wishes.

He Wants His Children to Live Better Than He Did

"My children should not struggle the way I struggled."

He wants them to have good education, a respectable career, financial independence and a life with dignity.

He wants his daughter to walk confidently through life.
He wants his son to become responsible and independent.
He wants both to become good human beings.



Every sacrifice he makes is an investment in their future.

The Things Children Sometimes Don't Notice

Children may remember the expensive phone their father could not buy.
They may remember the restrictions:

- ***"Don't spend unnecessarily."***
- ***"We cannot afford that now."***
- ***"Study first."***
- ***"We will see later."***

But they may not notice the other side.
They may not see the father calculating expenses late at night.
They may not see him worrying about the next month's fees.
They may not know that he sacrificed his own comfort to provide theirs.
They may not understand that behind every school uniform, college fee, textbook, laptop and transport expense; there was a father's effort.

Conclusion:

A father does not live only for his own dreams.
Every time, he spends his entire life making his children's dreams possible.

To every middle-class father who silently struggles,
sacrifices and believes in his children–
you are not just a father.

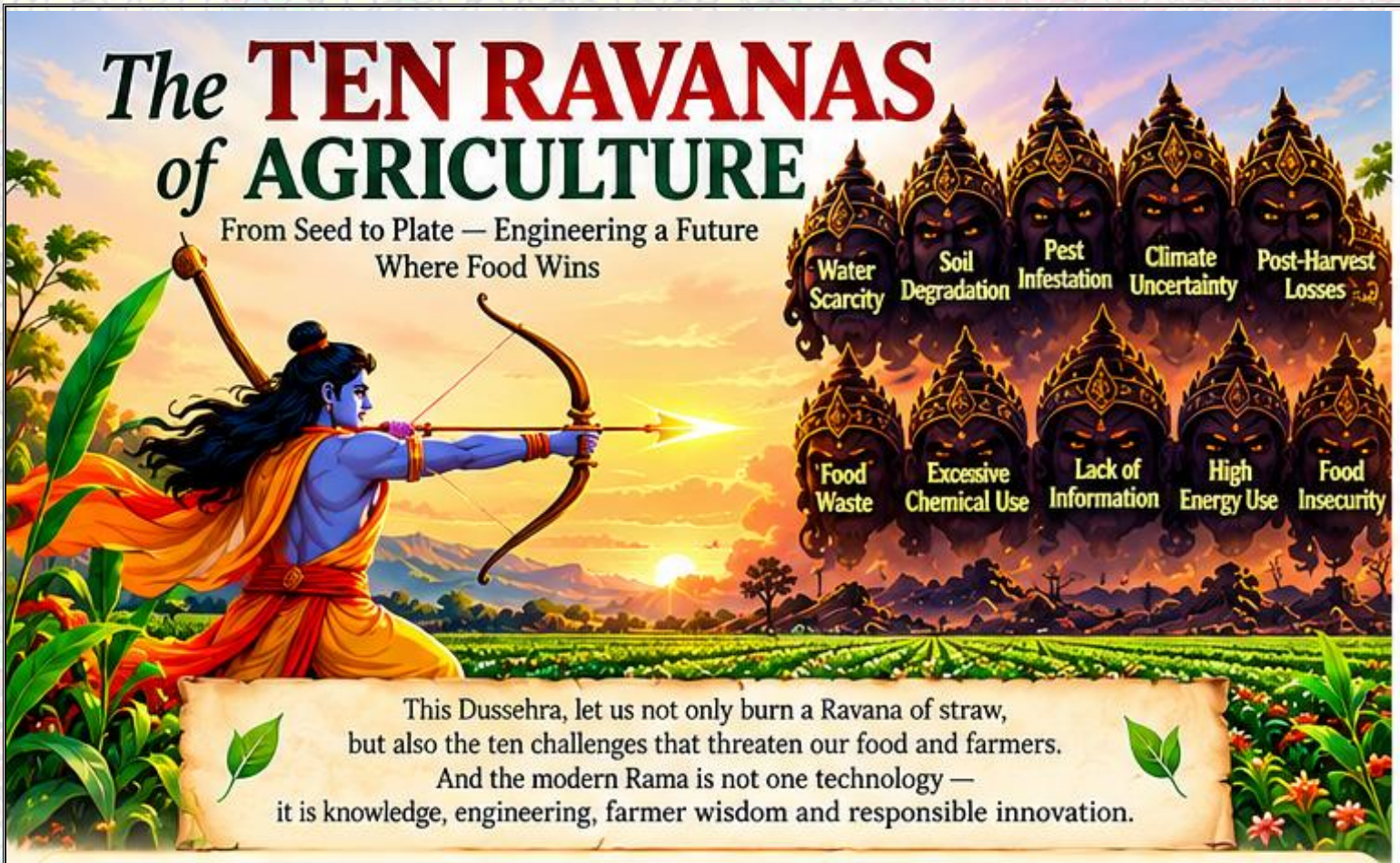
You are the silent hero behind their success.



By
K.V.V.RAMA RAJU
Head of the Department
Agricultural Engineering

The TEN RAVANAS of AGRICULTURE

From Seed to Plate — Engineering a Future Where Food Wins



This Dussehra, let us not only burn a Ravana of straw,
but also the ten challenges that threaten our food and farmers.
And the modern Rama is not one technology —
it is knowledge, engineering, farmer wisdom and responsible innovation.

1. A Grain's Journey, A Bigger Story

When we look at a plate of rice, dal or bread, we see food. But behind that simple plate lies an incredible journey — a tiny seed, the nourishing soil, careful irrigation, months of growth, harvesting, drying, storage, processing, packaging and finally reaching our homes. At every stage, there are challenges that reduce quantity, quality and value. Agricultural engineering helps us solve these challenges through smart technologies, so that every grain reaches our plate safely, sustainably and nutritiously.



A small seed today,
a stronger tomorrow.

2. The Ten Ravanas of Agriculture

Just like Lord Rama defeated Ravana with strategy, courage and the right support, we can defeat the key challenges in agriculture and food systems with science, engineering and responsible innovation.

1. **Water scarcity**
   Increasing demand and depleting water resources.
2. **Soil degradation**
   Loss of soil health and organic matter.
3. **Pest infestation**
   Crop losses due to insects, diseases and weeds.
4. **Climate uncertainty**
   Unpredictable rainfall, heat waves and extreme weather.
5. **Post-harvest losses**
   Losses during harvesting, drying, storage and transport.
6. **Food waste**
   Edible food lost due to poor handling and infrastructure.
7. **Excessive chemical use**
   Long-term harm to soil, environment and health.
8. **Lack of timely information**
   Farmers not getting real-time, location-specific advice.
9. **High energy use**
   Energy-intensive irrigation, processing and storage.
10. **Food insecurity**
    Ensuring safe, nutritious and affordable food for all.

3. Engineering Solutions: Our Modern Arrows

Today, agricultural engineering offers many "arrows" to defeat these ten Ravanas.

Smart water management
Soil moisture sensors, drip irrigation, automated irrigation systems.

Smart storage solutions
Hermetic storage, IoT monitoring, insect-resistant structures.

Soil health restoration
Soil testing, biofertilizers, precision nutrient management.

Value addition & food processing
Processing, packaging, by-product utilization.

AI-based pest and disease control
Drones, image analysis, early warning systems.

Real-time information access
Mobile apps, AI advisory, market information.

Climate-smart agriculture
Weather forecasting, resilient varieties, adaptive practices.

Renewable and efficient energy
Solar dryers, biogas, biomass utilization, energy-efficient equipment.

Efficient harvesting & drying
Modern machinery, solar/controlled dryers.

Sustainable and circular systems
Reduce waste, reuse by-products, circular bioeconomy.

4. From Seed to Plate: A Technology-Enabled Journey



5. A Healthier Tomorrow

When technology works with nature and people, we get better yields, higher farmer incomes, reduced food losses, nutritious food and a healthier planet. Agricultural engineering is not just about machines; it is about using science and compassion to create a food system that is efficient, inclusive and sustainable.

Goodness in agriculture is not only higher yields, but also healthier soil, happier farmers and a better future for generations.

Yelampalli Kavya
Assistant Professor, Dept. of Agricultural Engineering

COLLEGE MAGAZINE — *Literary Corner*

WE RISE, WE SHINE

Where Dreams Learn to Fly



Where dreams take flight
and knowledge becomes our light,
where every question finds its way
and every dream begins its day.

We walk with courage,
we learn with pride,
with endless dreams
and strength inside.

Books in our hands,
hope in our eyes,
technology in our minds,
and courage that reaches the skies.

At International School of Technology
and Science for Women,
we are not just learning to succeed—
we are learning to lead.

Here, every girl has a story,
a dream waiting to unfold,
a voice waiting to be heard,
and a future waiting to be bold.

Our teachers give us knowledge,
our friends give us strength,
and every challenge we face
takes us one step further.

"A woman with education is a force that can change the world."

We do not wait for opportunities,
we create them.
We do not fear the future,
we shape it.

Let the world know—
a woman with education
is a force that can change the world.

Today we are students,
tomorrow we will be creators,
innovators, leaders,
and dreamers who make dreams real.

So let our journey begin,
with confidence in every stride.
Let our dreams be our wings,
and let our courage be our guide.

We rise with knowledge,
we shine with confidence,
we lead with courage,
and we leave our mark.

Because we are not just preparing
for the future…

We are preparing to create it.



INTERNATIONAL SCHOOL OF TECHNOLOGY AND SCIENCE FOR WOMEN



3rd Year B.Tech. Data Science

THE SOUL OF INDIA

I may forget many names,
I may forget many faces,
But there is one name
My heart will never forget—
India.

The land where my first steps began,
The soil that held me when I fell,
The voice behind my first words,
The home my heart will always know.

You are not just a country to me.
You are a feeling—
carried in my heart,
woven into my soul.

We speak different languages,
follow different traditions,
celebrate different festivals...

Yet when our flag rises,
we don't ask—
"Who are you?"
We simply stand together
and say—
"This is our India."

I love my country
not because it is perfect,
but because **it is mine.**

And I believe
loving your country
is not only about
speaking its name with pride.

It is about becoming
the kind of person
who makes the country proud.

And I believe
loving your country
is not only about
speaking its name with pride.

It is about becoming
the kind of person
who makes the country proud.

And if one day
my voice fades,
if my name is forgotten,

let these words remain—

I was born on this soil.
I lived with its dreams.
I carried its hope.
And I was proud to call it home.

So, wherever life takes me,
across oceans, across borders,
one truth will always remain—

I am not just from India.
India is a part of who I am.

I am Indian.

T. VAHINI
Data Science | 3rd Year


Art by
G. Akshaya.

GREAT LEADERS

Leadership is not about holding a position—it is about creating a vision, inspiring people, and making a difference in the lives of people. Throughout history, great leaders have transformed societies, inspired generations, and demonstrated what is possible when courage, vision, and determination come together. They may come from different countries, cultures, professions, and backgrounds, but they share one powerful quality: the ability to inspire people to believe in a better future. Great leadership is not measured simply by authority or wealth. In fact, it is measured by impact—the positive change a person creates in the lives of others.

The Power of Vision

Every great leader begins with a vision. A leader sees possibilities where others see difficulties and opportunities where others see obstacles. Mahatma Gandhi has been considered as great leader, since he demonstrated the extraordinary power of peaceful leadership. Through the principles of truth and non-violence, he inspired millions of people during India's struggle for independence. His leadership showed that courage does not always require force; sometimes, standing firmly for one's principles is the greatest form of strength. Similarly, Similarly Nelson Mandela has been recognised as greatest leader of all time, the one of the demonstrated leaders the power of forgiveness, reconciliation, and perseverance. After spending 27 years in prison, he emerged not with a message of revenge, but with a vision of a united South Africa. He learned his leadership qualities from his father that he gathered people as team and he has been conducting and sitting meeting as group. More importantly he was the last person to speak. Mandela practice the same method that he learned from his father. Conducted meeting as team and he was the person to speak. His life reminds us that true leadership requires the ability to rise above personal suffering for the greater good.



Leaders Who Changed the World

History is filled with individuals whose ideas changed the course of civilization. **Abraham Lincoln**, the 16th President of the United States, led his country through the American Civil War and worked toward ending slavery. His leadership during one of the most difficult periods in American history demonstrated determination, humility, and commitment to national unity. He quotated a state ment in public meeting that "**Whatever you are, be a good one**" A successful leader brings people together around a shared vision. Unity, mutual respect, and teamwork create the foundation for lasting success. **Winston Churchill** became a symbol of courage during the Second World War. His powerful speeches and determination encouraged the British people during an extremely difficult period. His example illustrates how words, when supported by conviction, can give people hope during times of crisis.In the field of science and technology, leaders such as Albert Einstein and Nikola Tesla demonstrated that imagination and curiosity can transform our understanding of the world. Their contributions remind us that intellectual leadership can be just as influential as political leadership.

India has produced many remarkable leaders, and Dr. A.P.J. Abdul Kalam remains an inspiration to millions of young people.Known as the *People's President* and the *Missile Man of India*, Dr. Kalam combined scientific achievement with humility and a deep commitment to education. He believed that young people could become powerful agents of national development.His message was simple yet profound: **dream big, work hard, and never give up**.Dr. Kalam's leadership was particularly significant because he did not simply talk about India's future—he encouraged young people to actively build it. His life demonstrates that leadership can emerge from classrooms, laboratories, villages, and ordinary families**.**





He defined the true definition of leadership that "leader has the courage to face failures and take responsibility for the failure and passes the credit to his team when they succeed" Dr. A.P.J. Abdul Kalam demonstrated the meaning of this leadership principle through his experience with the Satellite Launch Vehicle-3 (SLV-3) mission at ISRO in 1979. When the mission failed in 1979, Dr. Kalam was the project director of India's SLV-3 programme. On 10 August 1979, the first experimental launch did not achieve its intended objective: the Rohini satellite was not placed into orbit. At the time, the mission's failure was a major setback for the scientific team. Professor Satish Dhawan, then Chairman of ISRO, took responsibility for explaining the setback to the media rather than publicly blaming Kalam and his team. This demonstrated an important leadership lesson: when a team faces failure, its leader should protect the team from unfair blame, accept accountability, and help its members learn from the experience. When the mission succeeded — 18 July 1980, after analysing the failure and making the necessary improvements, the team launched SLV-3 again on 18 July 1980.

This time, the mission succeeded, and the Rohini RS-1 satellite was placed into orbit. He asked Dr. Kalam to address the press conference with the team, allowing the scientists and engineers to receive recognition for their achievement. "**A leader has the courage to face failures and take responsibility for the failure and passes the credit to his team when they succeed".**

Leadership in Business and Innovation

Leadership is not limited to politics or social movements. The modern world has also been shaped by business nd technology leaders. **Steve Jobs** transformed the technology industry through his emphasis on innovation, design, and user experience. His career demonstrated the importance of thinking differently and challenging conventional approaches. **Satya Nadella**, who became CEO of Microsoft in 2014, emphasized empathy, collaboration, learning, and organizational transformation. His leadership illustrates an important lesson for the modern workplace: technological excellence and human understanding must go together. **Ratan Tata** is another respected example of leadership from India. His reputation for ethical business practices, humility, philanthropy, and concern for society has made him an influential figure beyond the corporate world. These leaders demonstrate that successful leadership is not simply about building organizations. It is also about **building trust**.



What Makes a Great Leader?

Although leaders differ greatly in personality and circumstances, several qualities appear repeatedly in successful leadership.

1. Vision
A great leader knows where they want to go and can communicate that vision clearly to others.
2. Integrity
Trust is the foundation of leadership. Leaders who act honestly and responsibly earn lasting respect.
3. Courage
Difficult decisions require courage. Great leaders are willing to take calculated risks and stand by their principles.
4. Empathy
Understanding the needs, challenges, and emotions of others makes leadership more human and effective.
5. Communication
A leader must be able to listen as well as speak. Clear communication creates understanding and brings people together.
6. Adaptability
The modern world changes rapidly. Leaders must continuously learn, adapt, and respond to new challenges.

7. Responsibility
Great leaders accept responsibility for both successes and failures. They do not simply blame others when things go wrong.

The Legacy of Great Leaders

The greatest leaders are remembered not because they possessed power, but because they used their influence to create lasting change. Their lives teach us that leadership is a journey rather than a destination. It involves learning from failure, listening to others, accepting responsibility, and continuously working toward a meaningful goal. A great leader does not ask, **"How many people follow me?** "Instead, a great leader asks, **"How many people have I inspired to become better?"**



Conclusion: Lead with Purpose

The world does not need leaders who merely seek positions of authority. It needs leaders who possess **vision, compassion, courage, integrity, and a commitment to service**. From Gandhi's non-violence to Mandela's reconciliation, from Lincoln's determination to Kalam's dreams for India, great leaders have shown that one individual can inspire millions. Leadership is not something reserved for a select few. It is a quality that can be developed by anyone willing to take responsibility, serve others, learn continuously, and act with purpose. **The greatest leadership lesson is perhaps the simplest: do not wait for someone else to change the world. Start with yourself. "A leader is one who knows the way, goes the way, and shows the way."**

Great leaders inspire. Great leaders serve. Great leaders create a legacy.

Dr.Prasad Rai
Dean Academics



Art Work By. Geethika, III Data Science

TIMELESS THOUGHTS FOR YOUNG ISTS MINDS
WISDOM FOR THEIR JOURNEY

Learn • Think • Innovate • Lead • Serve • Inspire.

LEARN

"The beautiful thing about learning is that nobody can take it away from you."

— B. B. King

THINK

"The unexamined life is not worth living."

— Socrates

PERSEVERE

"It does not matter how slowly you go as long as you do not stop."

— Confucius

INNOVATE

"The important thing is not to stop questioning."

— Albert Einstein

EXCEL

"We are what we repeatedly do. Excellence, then, is not an act, but a habit."

— Aristotle

LEAD

"A leader is one who knows the way, goes the way, and shows the way."

— John C. Maxwell

SERVE

"The best way to find yourself is to lose yourself in the service of others."

— Mahatma Gandhi

BELIEVE

"He who has a why to live can bear almost any how.

-Friedrich Nietzsche

CREATE

"The future depends on what you do today."

— Mahatma Gandhi

INSPIRE

"Education is the most powerful weapon which you can use to change the world."

— Nelson Mandela

"The unexamined life is not worth living."

— Socrates

"We are what we repeatedly do. Excellence, then, is not an act, but a habit."

— Aristotle

“Education is the kindling of a flame, not the filling of a vessel.”

— Socrates (commonly attributed)

“The only true wisdom is in knowing you know nothing.”

— Socrates

“Knowledge itself is power.”

— Francis Bacon

“It does not matter how slowly you go as long as you do not stop.”

— Confucius

“A journey of a thousand miles begins with a single step.”

— Lao Tzu

“He who has a why to live can bear almost any how.”

— Friedrich Nietzsche

“You have power over your mind—not outside events. Realize this, and you will find strength.”

— Marcus Aurelius

“Difficulties strengthen the mind, as labour does the body.”

— Seneca

“It is not what happens to you, but how you react to it that matters.”

— Epictetus

“The roots of education are bitter, but the fruit is sweet.”

— Aristotle

“The important thing is not to stop questioning. Curiosity has its own reason for existing.”

— Albert Einstein

“Life must be understood backward; but it must be lived forward.”

— Søren Kierkegaard

“Happiness depends upon ourselves.”

— Aristotle

“No great mind has ever existed without a touch of madness.”

— Aristotle

“The future depends on what you do today.”

— Mahatma Gandhi

“You must be the change you wish to see in the world.”

— Mahatma Gandhi (widely attributed)

“Live as if you were to die tomorrow. Learn as if you were to live forever.”

— Mahatma Gandhi

“The beautiful thing about learning is that nobody can take it away from you.”

— B. B. King

“Success is not final; failure is not fatal: it is the courage to continue that counts.”

— Winston Churchill

“The important thing is to never stop questioning.”

— Albert Einstein

“The advance of technology is based on making it fit in so that you don't really even notice it.”

— Bill Gates

“Any sufficiently advanced technology is indistinguishable from magic.”

— Arthur C. Clarke

“Education is the most powerful weapon which you can use to change the world.”

— Nelson Mandela

A Thought to Carry Forward

Let every lesson become knowledge, every challenge become strength, every idea become innovation, and every achievement become an inspiration to others.

“The future belongs to those who prepare for it today.”

---Dr. Y.Rajasree Rao

Principal

The Dream Beyond Language



Bandaru Surya Bhargav was a young man with big dreams in his heart and a simple Telugu-speaking background. Like many students from small towns and ordinary families, he believed that education was the key to building a better future.

When Bhargav joined his MBA course, at ISTS-Offcampus, he entered a new world filled with presentations, group discussions, business communication, interviews, and classroom activities. Although he understood his subjects, he sometimes felt nervous when he had to speak in English.

His classmates appeared confident. Some spoke English fluently, while others presented their ideas without hesitation. Bhargav often wondered, “Can I become a successful manager if I am not fluent in English?”

That question troubled him, but it did not stop him.

One day, his professor asked the students to give a presentation on leadership and entrepreneurship. Bhargav had prepared thoroughly. He knew his topic, understood the business concepts, and had several creative ideas. Yet, when he stood before the class, nervousness took over.

He struggled to find the right English words. A few seconds of silence felt like an hour. Disappointed, he returned to his seat.

After the class, his professor spoke to him.

“Bhargav, never confuse language fluency with intelligence. English is a skill you can learn. Your knowledge, honesty, creativity, and ability to understand people are equally important. Do not allow a language barrier to become a barrier to your dreams.”

Those words changed his perspective.

From that day onward, Bhargav decided to improve himself every day.

He began reading English newspapers, learning five new words daily, watching business presentations, and practising speaking in front of a mirror. He started discussing management concepts in Telugu first, making sure he understood them clearly, and then practised explaining those same ideas in English.

He also realised that Telugu was not a weakness. It was his mother tongue, his identity, and the language through which he could connect naturally with many people.

Slowly, his confidence grew. He began participating in group discussions, sharing ideas in class, and volunteering for presentations. Instead of being ashamed of his mistakes, he learned from them.



Bhargav discovered an important truth: confidence does not come from speaking a perfect language; it comes from believing in the value of your ideas.

A few months later, Bhargav's class organised a business presentation competition. This time, he stood before the audience with confidence.

He explained his ideas clearly, used practical examples from everyday life, and connected with the audience through his understanding of people and business. His English was still improving, but his message was powerful.

When the presentation ended, the room filled with applause.

His professor smiled proudly. Bhargav had not simply improved his communication skills; he had overcome the fear that once held him back.

He understood that becoming a good manager meant more than speaking impressive words. It meant listening carefully, solving problems, making responsible decisions, and inspiring others.

Bandaru Surya Bhargav's journey reminds us that every student has a unique strength. Some may be fluent in English, some may be talented in technology, and others may possess outstanding leadership or creative abilities.

A student's mother tongue should never become a reason to feel inferior. Telugu, Hindi, Tamil, or any other language can be the starting point of a great journey. Learning English can open additional opportunities, but knowledge, hard work, integrity, and perseverance give those opportunities lasting value.

Bhargav's story teaches us one simple lesson:

“Never be ashamed of the language you speak. Be proud of your roots, strengthen your skills, and let your achievements speak louder than your words.”

Because success does not belong only to those who speak perfectly. It belongs to those who dare to learn, work hard, rise after failure, and never give up on their dreams.

By- Bandaru Surya Bhargav
MBA I Year
ISTS-Offcampus

Crazy Friends



We didn't know it then... but these four girls were about to become a team

1. First Semester



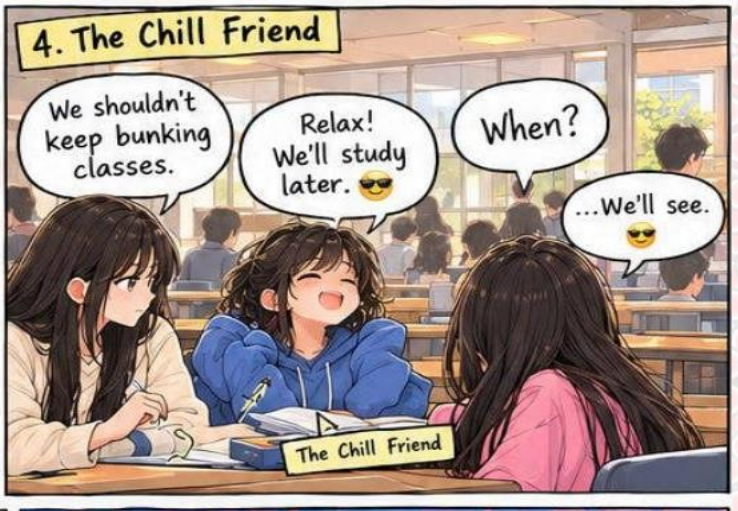
2. Studying Together



3. The First Bunk



4. The Chill Friend

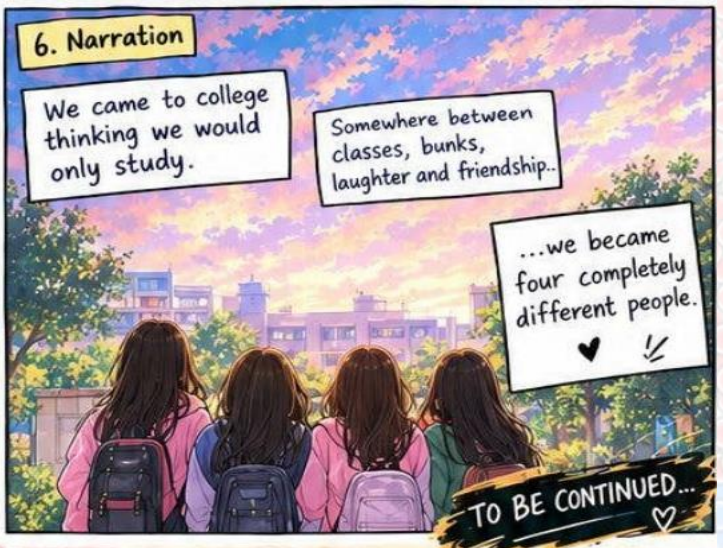


5. Everyone Changes

Because of our one super-chill friend, the others slowly started becoming less serious.



6. Narration



Different minds... Same dreams...



The Topper
- Study ✓
- Success ✓



The Chill One
- Good Vibes ✓
- No Stress ✓ (hopefully)



The Fun One
- Friends ✓
- Fun ✓



The Scared One
- Brave ✓
- (Almost) ✓

Four girls + No phones + A girls' college = BIG STORIES

Vote of Thanks

Celebrating Tradition • Inspiring Innovation • Empowering the Future

As we come to the final page of the ISTS-PULSE – Dussehra Special Edition 2026, we extend our heartfelt gratitude to everyone who contributed to making this edition a meaningful celebration of culture, creativity, technology and the spirit of womanhood.

We sincerely thank our respected Chairman for his constant encouragement, visionary leadership and unwavering support towards academic excellence, innovation and the holistic development of our students.

Our heartfelt gratitude goes to our Vice-Chairman for the valuable guidance, motivation and encouragement extended to the students and the entire ISTS family.

We express our sincere thanks to our Principal, Dr. Rajasree Rao, Dean IQAC, Dr.V.Srinivasa Rao, Dean Acadamics, Dr.R. Prasad for their continuous encouragement and support in bringing this special edition to life

.

We are grateful to all the Heads of Departments, faculty members and staff who contributed articles, ideas, photographs, achievements and valuable suggestions. Your cooperation has enriched the pages of ISTS-PULSE.

A special appreciation goes to our student contriburs whose imagination, talent and enthusiasm have given this edition its unique identity. Through your stories, poems, articles, artwork, photography and innovative ideas, you have truly brought the voice of ISTS to life.

We also thank the Editorial Team, Design Team, Photography Team and Student Volunteers for their dedication, creativity and countless hours of effort in planning, editing, designing and presenting this magazine.

Our sincere appreciation goes to everyone who shared their achievements, experiences and inspiring stories, helping us showcase the vibrant academic and cultural life of our institution.

As Dussehra reminds us of the triumph of good over evil, knowledge over ignorance and light over darkness, may we continue to use education and technology responsibly to create a better and brighter future.

Thank You for Being a Part of ISTS-PULSE.

May the spirit of Dussehra inspire us to
DREAM, DISCOVER, INNOVATE and LEAD.

With Gratitude & Best Wishes

Editorial Board
ISTS-PULSE – Dussehra Special Edition 2026
International School of Technology and Sciences for Women (ISTS)



We Engineers women engineers.....

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