

2025 - 26

DEPARTMENT OF

CS&E (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

NEWS BULLETIN

COGNIX

VOL I

CODE • LEARN • INNOVATE • IMPACT



INNOVATE



LEARN



IMPACT



EMPOWER



*Shaping smarter
Tomorrow*



MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING

A Unit of Rajalaxmi Education Trust®, Mangalore)

Autonomous Institute affiliated to VTU, Belagavi, Approved by AICTE, New Delhi

Accredited by NAAC with A+ Grade & ISO 9001:2015 Certified Institution



Department of CS&E (Artificial Intelligence & Machine Learning)

VISION

To create well groomed, technically competent and skilled AIML professionals who can become a part of industry and undertake quality research at global level to meet societal needs.

MISSION

Provide state of art infrastructure, tools and facilities to make students competent and achieve excellence in education and research.

Provide a strong theoretical and practical knowledge across the AIML discipline with an emphasis on AI based research and software development.

Inculcate strong ethical values, professional behaviour and leadership abilities through various curricular, co-curricular training and development activities.

Program Educational Objectives (PEOs)

PEO1: Graduates will follow logical, practical and research oriented approach for solving the real world problems by providing AI based solutions.

PEO2: Graduates will work independently as well as in multidisciplinary teams at workplace.

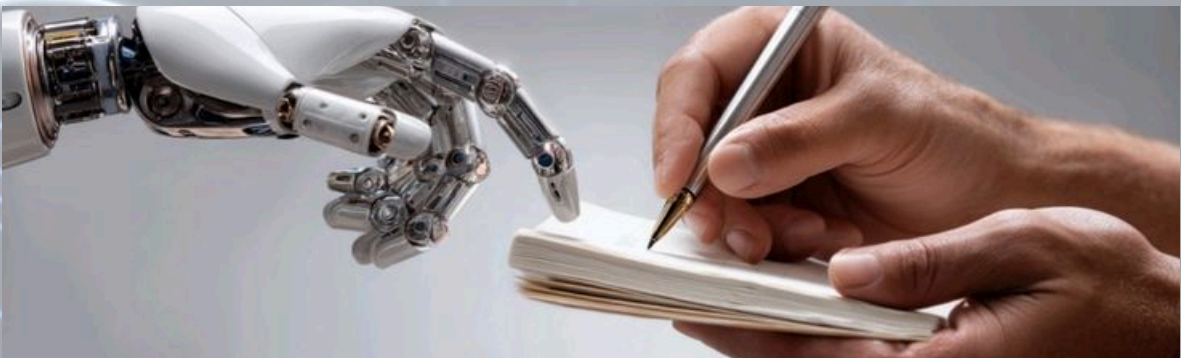
PEO3: Graduates will setup start-up and become successful entrepreneurs.

Program Specific Outcomes (PSOs)

The graduates of CS&E(AI&ML) department will be able to

PSO1: Train machine learning models to address real life challenging problems using acquired AI knowledge.

PSO2: Develop applications using ML techniques related to the field of medical, agriculture, defense, education and various scientific explorations.



Foreword

It gives me immense pleasure and pride to present this edition of the Department of Computer Science and Engineering (Artificial Intelligence and Machine Learning) Magazine for the academic year 2025–26. This magazine is more than a compilation of events and achievements—it reflects the spirit, creativity, innovation, and collaborative efforts of our department. It captures the memorable moments, accomplishments, and enriching experiences that have shaped our academic journey.



As Artificial Intelligence and Machine Learning continue to transform the world, our department remains committed to fostering curiosity, lifelong learning, research, creativity, academic excellence, and holistic development. The pages of this magazine showcase the dedication of our students and faculty through academic achievements, technical events, workshops, seminars, hackathons, research, sports, cultural activities, community service, and various co-curricular and extracurricular initiatives. These accomplishments have been made possible through the constant support of our management, Principal, faculty members, alumni, industry experts, and parents.

Our institution's NAAC A+ accreditation with an outstanding CGPA of 3.44 reflects our commitment to quality education and inspires us to strive for even greater excellence. I also congratulate the editorial team, faculty members, and students whose sincere efforts have made this publication possible, celebrating not only our achievements but also the vibrant culture of our department.

I hope this magazine serves as a cherished keepsake of the academic year and inspires every reader to dream big, embrace innovation, learn continuously, and contribute meaningfully to society through technology.

Happy Reading!

Dr. Farha Haneef

Head of Department,
CS&E (AIML)

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DEPARTMENT ACTIVITIES

At the heart of our Department lies the belief that true education goes beyond textbooks. We strive to create opportunities that empower students to learn, lead, and grow through meaningful experiences. A wide range of technical, cultural, and social activities—including workshops, seminars, expert sessions, outreach programs, and student-driven events—help students build confidence, strengthen teamwork, and develop essential life skills alongside academic excellence.

Branch Entry Event ARTIFERA

2025-26

The Department of Computer Science & Engineering (Artificial Intelligence & Machine Learning), in collaboration with the Department of Artificial Intelligence & Machine Learning, successfully inaugurated **ARTIFERA Activities 2025-26**, marking the beginning of a new academic year. The programme commenced with a prayer by Ms. Pooja Hegde and Ms. Driti, followed by a welcome address by Mr. Mazin Moosa. The dignitaries inaugurated the event by lighting the ceremonial lamp, symbolizing knowledge and new beginnings, after which Mr. Aryan Tony Johnson, Secretary, introduced the Chief Guest and set an inspiring tone for the occasion.



The ARTIFERA 2024-25 Annual Report was presented by Mr. Joswin Mendonca, President, highlighting the association's achievements and student initiatives. The dignitaries also released the SCINTILLA News Bulletin, while the office bearers of 2024-25 were felicitated and the newly elected office bearers for 2025-26 were introduced.

The event also recognized academic excellence through the felicitation of the department toppers. Inspiring addresses by the Chief Guest, Dr. Sunil Kumar (HoD), and the Principal encouraged students to embrace innovation, leadership, lifelong learning, and active participation in departmental activities. A technical talk by the Chief Guest provided valuable insights into emerging technologies and the evolving landscape of Artificial Intelligence.

The programme concluded with a vote of thanks by Dr. Yogeswara Reddy P. and compering by Ms. Sinchana M. R., ending on an inspiring note for ARTIFERA.

WORKSHOPS

Gen AI prompt Engineering Battle National level Inter college Cultural Fest Event

The Gen AI Prompt Engineering Battle was one of the most anticipated technical events at SENTIA 2026, the National-Level Inter-College Cultural Fest hosted by our college. The event brought together enthusiastic participants from various institutions to showcase their creativity, critical thinking, and technical expertise in the rapidly evolving field of Generative Artificial Intelligence. Contestants were challenged to craft innovative and effective prompts that could generate accurate, creative, and high-quality AI outputs.



The competition featured multiple engaging rounds designed to test participants' problem-solving abilities, originality, and understanding of AI models. From generating compelling content and designing imaginative visuals to solving real-world scenarios using AI, each challenge encouraged students to think beyond conventional approaches. The event provided an exciting platform for participants to explore the limitless possibilities of Generative AI.

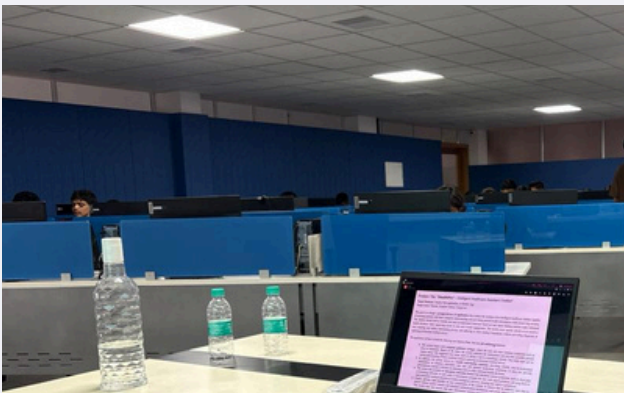
Beyond the spirit of competition, the Gen AI Prompt Engineering Battle fostered innovation, collaboration, and knowledge sharing among aspiring technologists. As part of SENTIA 2026, the event successfully blended technology with creativity, leaving participants and spectators inspired by the transformative potential of Artificial Intelligence.

One-Day Workshop on AI Coding with Natural Language (NLD)

A One-Day Workshop on AI Coding with Natural Language (NLD) on 23rd April 2026 at the Algorithms Lab, MITE. Conducted in collaboration with Oracle Volunteering, the workshop introduced students to the latest developments in AI-assisted software development and coding using natural language.



The workshop was led by Ms. Niveditha Bhat and Ms. Vidisha Shet, Staff Solution Engineers from the Oracle Solution Engineering Hub. The resource persons introduced participants to the emerging concept of coding through natural language prompts, demonstrating how AI-powered tools can generate, optimize, and debug code efficiently. Through engaging presentations, live demonstrations, and hands-on activities, students gained practical exposure to prompt engineering, AI-assisted programming, and the transformative role of generative AI in modern software development.



The session was highly interactive and provided participants with valuable industry insights and practical skills relevant to today's rapidly evolving technology landscape. Students actively engaged in discussions, explored the capabilities of AI-powered coding tools, and gained a deeper understanding of prompt engineering and its real-world applications.

The workshop not only enhanced their technical knowledge but also encouraged innovation, critical thinking, and continuous learning. It concluded on a successful note, leaving participants inspired to embrace Artificial Intelligence as a powerful tool for future software development while strengthening the connection between academic learning and industry practices.

PEER LEARNING

The Peer Learning initiative served as an excellent platform for knowledge sharing between seniors and juniors, fostering confidence, teamwork, and academic growth. Such initiatives play a significant role in enhancing students' aptitude skills while creating a supportive, collaborative, and motivating learning environment within the department. The session also encouraged students to learn from one another, exchange ideas, and develop a positive attitude towards continuous improvement.

The session covered key aptitude topics, including quantitative aptitude, logical reasoning, data interpretation, and analytical thinking. Students were introduced to effective solving techniques, shortcuts, and time-management strategies to improve both accuracy and speed while attempting aptitude questions. To make the session more



engaging, various interactive problem-solving exercises were conducted. Students actively participated by solving aptitude questions, discussing different approaches, and gaining a deeper understanding of multiple methods to arrive at the correct solutions.



The session was conducted by Ms. Jenisha, Ms. Thasneem, Mr. Joswin, Ms. Mandira, and Mr. Karthik from the Department of Computer Science and Engineering (Artificial Intelligence & Machine Learning). They guided the junior students through practice exercises, explained effective problem-solving strategies, and patiently addressed their doubts, ensuring an engaging and enriching learning experience.

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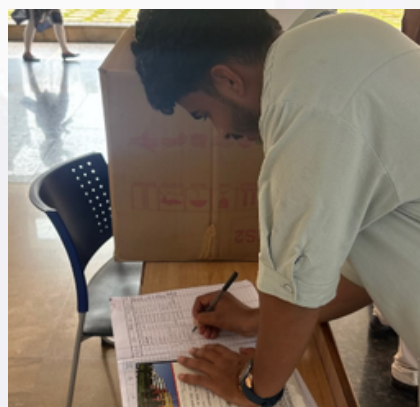
GYAAN DAAN 3.0 – A Book Donation Camp



The Departments of Computer Science & Engineering (Artificial Intelligence & Machine Learning), through their student association ARTIFERA, successfully organized GYAAN DAAN 3.0 – A Book Donation Camp. The initiative was conducted with the objective of promoting the joy of giving by encouraging students and faculty members to donate books and educational materials to underprivileged children. The campaign received an enthusiastic response from the college community, with participants contributing textbooks, storybooks, stationery, notebooks, and other learning resources.

The donated materials were carefully collected and sorted by the student volunteers to ensure they reached deserving beneficiaries. The initiative aimed to support students from economically disadvantaged backgrounds by providing them with access to quality educational resources that could enhance their learning journey. Through this noble effort, ARTIFERA sought to inspire a culture of compassion, generosity, and community service among students while emphasizing the importance of sharing knowledge as a means of empowering others.

GYAAN DAAN 3.0 concluded with an overwhelming collection of books and learning materials, demonstrating the generosity and social consciousness of the MITE community. More than just a donation drive, the initiative served as a reminder that even small acts of kindness can create a meaningful impact on someone's future. The event successfully reinforced the message that education is one of the most valuable gifts one can offer, leaving participants inspired to continue contributing towards building a more inclusive and educated society.



Innovation-2025: Annual Project Exhibition

The Department of Computer Science & Engineering (Artificial Intelligence & Machine Learning), successfully organized INNOVATION – 2025, the Annual Project Exhibition, providing a platform for students to showcase their creativity, technical expertise, and innovative problem-solving abilities.

The exhibition was inaugurated in the presence of distinguished guests Dr. Santhosha Rao, CEO, MUTBI and Additional Professor, MIT, Manipal, and Mr. B. G. Sunil, Scientist/Engineer 'G', Director (Material Management), ADA, Bengaluru.



The programme was presided over by Dr. Prashanth C. M., Principal, whose presence added significance to the occasion. Faculty members, students, and invited guests gathered to witness the exhibition, making it a memorable celebration of innovation and academic excellence. The exhibition featured a diverse range of projects developed by students, demonstrating practical applications of Artificial Intelligence, Machine Learning, and emerging technologies to address real-world challenges. Participants confidently presented their ideas and working models, highlighting their technical knowledge, creativity, and research skills. The esteemed guests interacted with the exhibitors, appreciated their efforts, and shared valuable suggestions to enhance the quality and impact of the projects.



The event successfully fostered a spirit of collaboration, learning, and healthy competition among students while providing them with an opportunity to gain constructive feedback from experts. It also reflected the department's commitment to promoting experiential learning and encouraging students to transform their ideas into practical solutions. INNOVATION – 2025 concluded on a highly inspiring note, leaving participants motivated to continue exploring new technologies and contribute meaningfully to society through innovation and engineering excellence.

Sentia Variety Competition: Where Talent Meets Tradition

The CS&E (AIML) and AI & ML branches proudly secured the Second Prize in the Sentia Interbranch Variety Competition 2026, held on 27 March 2026. The event provided a vibrant platform for students to showcase their artistic talents, creativity, and teamwork through captivating cultural performances.



The team's presentation was centred on the profound concept of the Shadripus—the six inner enemies of mankind: Kaama (desire), Krodha (anger), Lobha (greed), Moha (attachment), Mada (pride), and Matsarya (jealousy). Through an engaging blend of drama, dance, and narration, the performance depicted how these emotions, when left unchecked, can dominate an individual's life and distance them from peace, wisdom, and righteousness. The act further explored the spiritual journey of the soul.

The achievement reflects the dedication, creativity, and collaborative spirit of the students. Beyond the recognition, the event served as a valuable opportunity to strengthen teamwork, enhance cultural expression, and create unforgettable memories, bringing great pride to the department. It stands as a testament to the students' ability to blend creativity with meaningful storytelling on stage.



Farewell Event for the Batch of 2026



The Department of Computer Science and Engineering (Artificial Intelligence and Machine Learning) organized a heartfelt farewell ceremony for the outgoing batch on 23rd May 2026 during the afternoon session. The event was held to celebrate the achievements, memories, and journey of the final-year students as they prepared to embark on a new chapter in their lives. It served as a special occasion to recognize their academic accomplishments, appreciate their contributions to the department, and bid them a warm and memorable farewell.

The venue was beautifully arranged, creating a vibrant and welcoming atmosphere for the celebration. The event commenced with a warm welcome, followed by a variety of cultural performances, including dance, music, fun-filled games, and interactive activities organized by the junior students. These performances added excitement to the occasion and provided an opportunity for everyone to come together, celebrate, and create lasting memories.

A highlight of the event was the farewell speeches by the outgoing students, who reflected on their journey and expressed gratitude to the faculty, classmates, and juniors. Faculty members shared words of encouragement and best wishes for their future endeavors. The celebration concluded with group photographs and memorable interactions, making the occasion truly special.

More than just a farewell, the celebration reflected the department's spirit of unity, gratitude, and lifelong connections, making it a truly meaningful experience for everyone involved.

ARTICLES

Ideas have the power to inspire, educate, and create change. The Articles section provides a platform for students, alumni, and faculty members to share their thoughts, experiences, and expertise. From technological advancements and research insights to personal stories and creative reflections, every contribution adds a unique voice to this collection, encouraging readers to explore new ideas and perspectives. These articles not only showcase the diverse talents within our department but also foster a culture of innovation, critical thinking, and lifelong learning.

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ALUMNI ARTICLES

Human + AI: Collaboration, Not Competition

Whenever a new technology enters our lives, it brings both excitement and uncertainty. Artificial Intelligence is no different. Today, we often hear people asking whether AI will replace programmers, artists, teachers or even engineers. As an Artificial Intelligence and Machine Learning student, I have heard this question countless times. But the more I learn about AI, the more I feel that we are asking the wrong question. Instead of wondering whether AI will replace humans, we should be thinking about how humans and AI can work together.

AI is incredibly good at processing large amounts of data, recognizing patterns and handling repetitive tasks in a fraction of the time it would take a person. However, there are things that technology still cannot truly understand. Empathy, creativity, ethical judgment and the ability to connect with people are qualities that make us human. AI can support these abilities, but it cannot replace them. We are already seeing this collaboration in our everyday lives.



Students use AI to understand difficult concepts, summarize notes and practice coding, but real learning still comes from curiosity, discussion and problem-solving. In healthcare, AI can help doctors analyze medical reports more quickly, but patients continue to rely on a doctor's experience, judgment and compassion. In businesses, AI can automate routine work and improve efficiency, but decisions that affect people and society still require human responsibility.

As engineering students, we also have an important role to play. Building an AI model is only one part of the journey. We must also think about whether our solutions are reliable, fair and genuinely useful. A powerful system is not always a successful one. One thing I find fascinating about AI is that it gives us an opportunity to use our own abilities more effectively. Just as calculators did not replace mathematicians and computers did not replace engineers, AI is unlikely to replace people who know how to think, adapt and innovate. Instead, it will become another tool that helps us achieve more.

The future of AI will certainly bring faster technologies and smarter systems, but its greatest impact will depend on how responsibly we choose to develop and use it. As future engineers, we should focus not only on making AI more intelligent but also on making it more trustworthy, transparent and beneficial for society

In the end, I don't believe the future is about humans competing with AI. It is about learning how to work alongside it. The engineers who will make the biggest difference won't be those who fear AI or blindly depend on it. They will be the ones who understand its strengths, recognize its limitations and use it to create solutions that improve people's lives. That, in my opinion, is what the future of Artificial Intelligence should look like.



Sudheeksha S Poojary
Batch(2022-2026)

“Four Years, A Thousand Memories”

People say engineering gives you a degree. I believe it gives you something much more valuable a thousand little memories that quietly become a part of who you are.

I still remember my first actual day of college. The orientation was over, and there I was, walking alone through unfamiliar corridors, searching for my classroom while all my school friends had ended up



in different branches. I stopped a "random guy and asked, Excuse me, may I know where CSE-AIML is?" He smiled and asked, "Which section?" I replied, "J Section." He showed me the way. Funny enough, that stranger is one of my closest friends today. I walked into class, noticed a few familiar faces, but couldn't gather the courage to speak. I quietly chose a seat and barely spoke a word.

Honestly, it wasn't the exciting first day I had imagined. Every morning after that, my seat changed because I didn't have group while everyone else already seemed to have found theirs. Then one ordinary day changed everything. As I entered the classroom, a girl had saved a seat beside her and called me to sit with her. That simple gesture gave me my first friend in class. Soon another joined us, and our trio stayed together through assignments, lab hours, exams, and countless memories.

Looking back, it's funny how life works. The girl I hated the most in my first year somehow became the person I now call my best friend. Destiny truly has the most unexpected plans. Slowly, conversations became easier. Lab sessions introduced me to more people.

I was never the teacher's favourite student, but somehow managed good grades while making memories that mattered even more.

Somewhere between assignments, practicals, and semester exams, I stopped counting friends because the number kept growing. Then came the final year—the phase where every engineering student is torn between building a career and making the most of the last few months together. Placements, projects, internships, exams, fests, deadlines, a bit more of kalesh, becoming the most hated class and endless gossip all happening at the same time. Somehow, we survived it all together.

By then, I had become someone who could walk up and talk to almost anyone in class. So now class needed a new CR, so it was time to elect one, my classmates encouraged me to stand, trusted me, and voted for me, Bingo!, I'm the new CR now. Becoming the CR was something I had secretly always wanted, but self-doubt had always stopped me from trying. This time, the opportunity found me, and it became one of the proudest moments of my engineering life.

Time passed and it was almost end of seventh semester, felt like something incomplete that was a class trip, our branch had never gone on a single official class trip in four years, while almost every other branch had at least two in a year. Different groups, different opinions it never worked out. As the CR, I couldn't let college end that way.

With the support of a few friends, we brought everyone together. Not everyone joined, and that's okay. The ones who did created one of the best memories of our engineering life. That trip wasn't just about travelling; it brought people closer, broke invisible walls between classmates, and gave me friendships I'll always be grateful for. Then came the internship semester. Suddenly, the classroom that had once been full of noise became empty. Everyone was scattered across different cities and companies, and we only met occasionally for internship reviews.

Today, when I look back, I don't remember every lecture or every exam score. I remember the people. The first-year Athmika would never have imagined making friends across her class, other branches, juniors, and seniors. She would never have believed she'd confidently speak for herself, stand up for her friends, represent an entire class, or become the person she is today.

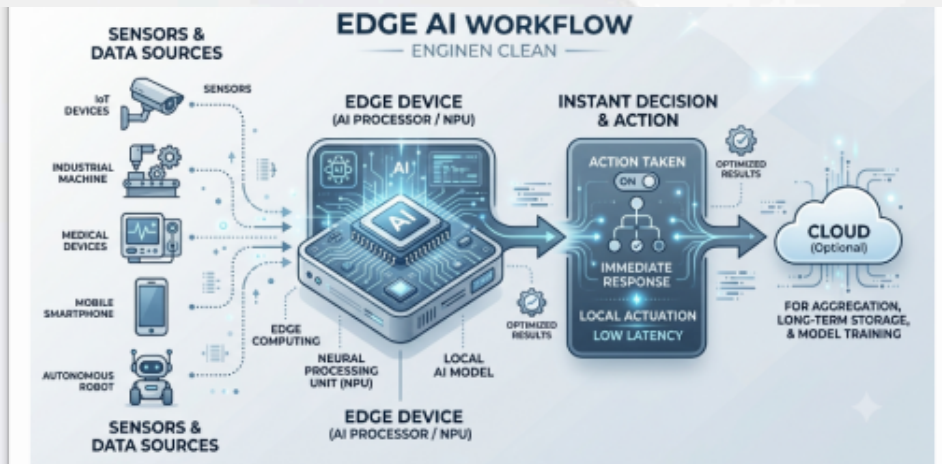
One day, these corridors, classrooms, and familiar faces will become stories you'll tell with a smile. And when you look back, I hope you're proud not just of the degree you earned, but of the person these four years helped you become. Because engineering was never just about four years. ***It was about a thousand memories.***

Athmika
Batch(2022-2026)



Edge AI: Bringing Intelligence Closer to the Real World

“The future of Artificial Intelligence isn’t just in the cloud—it’s all around us.”



Have you ever wondered how a smartwatch can detect an irregular heartbeat almost instantly or how a self-driving car reacts to a pedestrian within a fraction of a second? Surprisingly, many of these intelligent decisions happen without sending data to the cloud. This is made possible by Edge Artificial Intelligence (Edge AI), a technology that is quietly transforming the way smart devices work around us.

For a long time, most AI applications depended on cloud computing. Whenever a smartphone, security camera, or smart device collected information, it had to send that data to powerful servers over the internet. The servers would process the information and send the result back. While this approach works well, it also has its limitations. Slow internet connections, network delays, increased data usage, and privacy concerns can all affect the performance of AI-powered systems.

One of the biggest advantages of Edge AI is speed. In situations where every millisecond matters, waiting for data to travel to a cloud server and back is simply not practical. Consider an autonomous vehicle driving through busy city streets. It must recognize traffic lights, pedestrians, and obstacles in real time to ensure passenger safety. Similarly, a smart security camera can identify unusual activity immediately and trigger an alert without waiting for cloud processing. This ability to respond instantly makes Edge AI ideal for applications where quick decisions are essential.

Another important benefit is privacy. Today, people are more aware than ever of how their personal information is collected and stored. By processing data directly on the device, Edge AI reduces the amount of sensitive information that needs to be transmitted over the internet. Whether it is medical records, facial recognition data,

or personal conversations, keeping data closer to the user helps improve security and lowers the risk of unauthorized access.

Edge AI is also making a significant impact across different industries. In healthcare, wearable devices continuously monitor vital signs and alert doctors if any abnormalities are detected. In manufacturing, AI-powered robots inspect products for defects, improving quality while reducing waste. Farmers use drones equipped with AI to monitor crop health, detect diseases early, and optimize irrigation. Smart cities use intelligent traffic cameras to reduce congestion and improve road safety by analyzing traffic conditions in real time. These examples show that Edge AI is not just a concept—it is already improving the way industries operate.

However, building Edge AI systems is not without challenges. Unlike cloud servers with enormous computing power, edge devices have limited memory, storage, and battery capacity. Engineers must design AI models that are both accurate and lightweight so they can run efficiently on smaller devices. Techniques such as model compression, quantization, and TinyML have become increasingly important in making AI practical for edge devices. Finding the right balance between performance and efficiency remains one of the key engineering challenges in this field.

The rapid development of specialized AI hardware is making Edge AI even more powerful. Modern processors, including Neural Processing Units (NPUs), are designed specifically to handle AI tasks while consuming very little energy. Combined with advancements in 5G networks and the Internet of Things (IoT), these innovations are enabling billions of connected devices to become smarter and more independent than ever before.

The future of engineering is not just about building more powerful machines; it is about making intelligence available everywhere. Edge AI represents an important step toward that future by bringing computation closer to where data is generated. As engineers and innovators continue to push the boundaries of technology, Edge AI will undoubtedly become one of the driving forces behind the next generation of smart systems, making our world safer, faster, and more connected than ever before.



Rizvi Riyaz
Batch(2022-2026)

Artificial Intelligence: A Tool That Expands Human Potential

Artificial Intelligence has become one of the most influential technologies of our generation. From the way we communicate to the way we study, work and make decisions, AI is quietly becoming a part of everyday life. Because of its rapid growth, many people wonder if machines will eventually take over human jobs. While this concern is understandable, I believe the future is not about replacing people with intelligent systems. Instead, it is about combining the strengths of both to achieve better results than either could alone.

Artificial Intelligence excels at tasks that involve speed, accuracy and large-scale data analysis. It can examine thousands of records within seconds, identify patterns that may be difficult for humans to notice and perform repetitive work without becoming tired. These capabilities make AI a valuable assistant in many industries. However, intelligence is much more than processing information. Human beings possess qualities such as imagination, emotional understanding, moral reasoning and the ability to make decisions based on experience and values. These are areas where human involvement remains essential.



The impact of AI can already be seen across different fields. In education, intelligent learning platforms provide personalized study plans and instant feedback, helping students improve their understanding. However, teachers continue to inspire curiosity, encourage critical thinking and guide students beyond textbooks. In healthcare, AI can assist in detecting diseases and organizing patient information more efficiently, but trust, empathy and clinical judgment remain the responsibility of medical professionals.

As an Artificial Intelligence and Machine Learning student, I believe developing AI is not only about creating accurate algorithms but also about designing systems that people can trust. Every AI application should be fair, transparent and reliable. Engineers must think carefully about the social impact of the technologies they build, ensuring that innovation benefits everyone rather than creating new challenges. Technical excellence should always be balanced with ethical responsibility.

History has shown that technological progress creates new opportunities instead of simply eliminating existing roles. Calculators changed the way mathematics was performed, yet mathematicians remained indispensable. In the same way, Artificial Intelligence will empower individuals who are willing to learn, adapt and think creatively.

Those who understand how to work with AI will be better prepared for the future than those who see it only as a competitor.

Looking ahead, AI will continue to evolve and become more powerful. However, its true value will not be measured by how intelligent machines become, but by how effectively they help improve human lives. Responsible innovation, ethical decision-making and meaningful collaboration will shape the next chapter of this technology.

In my opinion, the future belongs neither to humans alone nor to machines alone. It belongs to a partnership where Artificial Intelligence enhances human abilities while people provide the wisdom, creativity and compassion that technology cannot replicate. By embracing this collaboration, we can build a future that is more innovative, inclusive and beneficial for society.



Naseeh Seere Valappil
Batch(2022-2026)

STUDENT ARTICLES

Passion: The Path to Purpose and Happiness

Everyone has a passion, and that passion is different for every individual. Some people are passionate about art, music, sports, technology, or scientific research. However, continuing to pursue one's passion depends on several factors, such as family support, economic stability, self-confidence, proper guidance, and future opportunities. Among these, self-doubt and a lack of guidance often become the biggest obstacles. Many people question whether their dreams are worth pursuing or whether they are capable of achieving them.

When we truly love what we do, passion itself becomes our motivation. We do not need constant reminders to work hard because we are deeply involved in the activity and genuinely enjoy the process. Every small achievement reminds us that our efforts are meaningful and worthwhile. Passion not only keeps us motivated but also makes learning and working an enjoyable experience rather than a burden. Another important factor in following our passion is parental support. Parents naturally want their children to have a secure and successful future, and many believe that financial stability alone guarantees happiness. While financial security is

important, true happiness also comes from satisfaction, good mental and physical health, meaningful relationships, and the joy of doing something we genuinely love. When parents understand and encourage their children's interests, children become more confident and motivated to achieve their goals. At the same time, students also have a responsibility to understand their parents' concerns. Parents often worry that their children may become distracted or choose a path with uncertain opportunities. Therefore, instead of blaming one another, both parents and children should communicate openly.

A simple message to everyone is this: follow your passion with determination, respect the concerns of those who care about you, and never underestimate the power of encouragement. A supported passion can grow into a meaningful, fulfilling, and successful future.



Thrisha R Shetty
6th sem, CS&E(AIML)



Humans of AI & ML

We live in a time where machines can write essays, generate art, answer questions, and even hold conversations. Every day, technology becomes a little smarter, a little faster, and a little more capable. It makes us wonder if machines can learn like humans, what is it that truly makes us human?

Perhaps it's not intelligence alone. Maybe it's the ability to feel deeply, to make mistakes, to laugh uncontrollably at the wrong moment, or to cry over memories that no longer exist. A machine can recognize emotions, but it cannot experience the warmth of a hug, the comfort of an old song, or the excitement of meeting someone after years. It can analyze patterns, but it cannot understand why a simple sunset can leave someone speechless.

Ironically, the more we build intelligent machines, the more we are reminded of the qualities that make humanity irreplaceable.

Creativity isn't just producing something new; it's finding beauty in ordinary moments. Wisdom isn't having all the answers; it's knowing that sometimes there are none. Progress isn't measured only by technological breakthroughs but also by kindness, empathy, and the ability to lift one another along the way.

Artificial intelligence will continue to transform the world in remarkable ways, but it should never replace what makes us who we are. Technology is a tool, not a substitute for compassion. The future belongs not only to those who create smarter machines but also to those who remain deeply, unapologetically human.

As we continue to push the boundaries of technology, perhaps the greatest challenge isn't teaching machines to think like humans; it's ensuring that humans never stop thinking, feeling, and connecting with one another. The future of AI should be shaped not only by intelligence but also by the values that define our humanity.

Because in the end, the greatest innovation will always be **the human heart**.
Technology may shape our future, but humanity will always define it.



Akansha Dsouza
6th sem, CS&E(AIML)

A Day Without AI: Can You Survive?

Imagine you're on the bus and you want to find the fastest route. You try unlocking your phone, but your facial recognition no longer works. After entering your password manually, you open Google Maps, only to find that it cannot suggest the fastest route. You decide to listen to your favourite songs, but hey, where has your customised playlist disappeared? You then check your social media only to discover that your feed is no longer personalised. You instinctively turn to ChatGPT, but to your surprise, even ChatGPT has disappeared. Suddenly, your phone feels strangely outdated. Why does it feel like your phone has travelled back to the early 2000s? What exactly has changed?

Your phone no longer has Artificial Intelligence (AI)—a branch of computer science concerned with replicating the thought process and decision-making abilities of humans through computer algorithms. AI, or Artificial Intelligence, has blended into our daily lives so seamlessly that it has become the new normal. Most of our daily activities, such as cooking, shopping, browsing, banking, travelling, communicating and studying, are now supported by AI.

Whether it's recommending your next favourite song, filtering spam emails, predicting traffic, detecting fraudulent transactions, or answering your questions in seconds, AI quietly works behind the scenes, making everyday life more convenient without demanding our attention. Perhaps the greatest achievement of AI is that we no longer notice it. It works silently in the background, powering the technologies we rely on every single day.

How has AI actually integrated into our lives that we rarely notice it? The answer lies in countless ways. Take education, for instance. AI has transformed the learning experience by offering personalised learning, improving student engagement, assisting with assignments, and simplifying administrative tasks.

Its impact is equally significant in healthcare. AI assists doctors in diagnosing diseases, developing treatment plans, and delivering personalised patient care. By analysing medical images and large volumes of patient data within seconds, AI supports faster and more accurate clinical decisions, ultimately improving the quality of healthcare.



AI also plays an important role in our everyday services. It helps banks detect fraudulent transactions, allows online shopping apps to recommend products based on our interests, predicts food delivery times, filters spam emails, and even helps customer support chatbots answer our queries instantly.

Despite its countless benefits, AI also raises ethical concerns. As AI becomes more advanced and increasingly integrated into our lives, issues such as data privacy, misinformation, deepfakes, and algorithmic bias have become increasingly important. Excessive reliance on AI may reduce creativity, critical thinking skills and independent decision-making. Since AI learns from the data it is trained on, there is a risk of bias and inaccuracy in results, leading to unfair decisions. Therefore, while AI is transforming the world around us, we have to ensure that it is developed and used ethically and responsibly.

A day without AI may slow down our daily routine, but we have to remind ourselves that this technology has been deeply integrated into our daily lives. The takeaway from this article is not whether we can survive without AI, but rather the importance of recognising the role of AI so that we do not become overly reliant on it. As AI continues to evolve, it should remain a guiding tool, aiding humans in their tasks rather than replacing them. So, what do you think? Could you survive a day without it?



Sweedal Jenelia Dsouza
4th sem, CS&E(AIML)

Your Mind Is Not Yours Anymore !

How technology changes the way we think, feel and live!

"I will just check one notification."

It sounds harmless. You have probably said it today.

You unlock your phone reply to a message. Then you are watching cooking videos, reading comments on a stranger's post. Or checking the weather for a city you will never visit, laughing at memes. Twenty minutes disappear. We joke about moments like these. We say we are "addicted" or "easily distracted.". What if its more than that? What if our attention is not slipping away. But being captured?

Technology has changed our lives. We carry a library in our pockets. We can video call family members away. We learn skills from people we have never met. For students technology is essential.

Every great invention raises a question: Who's really in control?

The digital world runs on attention. Every notification, every autoplay video, every "recommended for you" post wants to keep you looking at the screen. A few extra seconds from millions of people add up to billions of hours. Our attention is valuable. The consequences are not always clear.

Have you noticed how hard it is to sit ?



Waiting for a bus or eating alone feels incomplete without your phone. Moments that were once filled with observation or daydreaming are now filled with scrolling. Boredom, something we try to escape. Some of humanity's ideas came from quiet walks or moments of stillness. Today we rarely allow ourselves those moments.

Every day we scroll through snapshots of people's lives. We see achievements without failures.. Smiles without struggles. Slowly comparison becomes a habit. We measure our lives against everyone else's extraordinary moments. The result isn't always jealousy. Sometimes it is exhaustion. Now artificial intelligence is changing things. AI can write essays. Summarize books. Used wisely it is a learning tool. It also makes us ask: Are we using technology to think better. Or are we letting it think for us? *Convenience is great. Dependence is different.*

This does not mean technology is bad. Without it modern medicine would not advance. Students would not have access to knowledge. Technology has connected the world. The real issue is technology. Maybe the answer is not deleting social media apps. Abandoning modern life. Maybe its putting your phone away during dinner. Reading a book without notifications. Going for a walk without headphones. Having conversations without screens. These sound like habits. They help us reclaim something valuable: Our ability to focus.

Attention is more than concentration. It is how we build relationships or create memories. Whatever gets our attention shapes our lives. If we let algorithms decide what we see or think about we should not be surprised when they shape who we become. Technology was created to expand potential. Not replace it. The phone in your hand is one of the inventions. It can educate you. Inspire you . It can also quietly consume your time. Perhaps the greatest challenge of our generation is learning when to put technology down. Because, in a world where everything competes for your attention protecting your mind may be the most important decision you make.*If you do not decide where your attention goes someone else will.*



Saniya Jalaluddin
4th sem, CS&E(AIML)

Resurrecting Dead Languages: How AI Reads the Unreadable

For a long time, thousands of ancient texts were stored in museums, slowly falling apart. These old artefacts were burned into charcoal cylinders by volcanoes, broken into small clay pieces or faded under many years of dirt. They held secrets of civilisations that people could not figure out. In the past, it took a long time to understand lost languages. Scholars spent years comparing old symbols, looking for a way to connect them to modern language. Now things are changing. By using machine learning, resolution 3D computer vision, and language models, researchers are making archaeology a high-tech field.

1. Seeing Through Stone and Ash: Computer Vision & Virtual Unwrapping

One big problem with texts is that they are very fragile. Consider the Herculaneum scrolls, which were burned by the volcano Mount Vesuvius in 79 AD. If we try to unroll them, they will break into pieces. Modern AI is solving this problem by using 3D X-ray scans and deep neural networks. Computer vision algorithms are looking at the layers of the rolled papyrus in 3D space, "virtually unwrapping" the scroll layer by layer.

2. Filling in the Blanks: Contextual Neural Restoration

When we can touch an old text, it is often damaged. Time, weather and vandalism have left old stone inscriptions with missing characters, cracked lines and gaps. This is where AI models are very helpful. They are trained on old inscriptions and can analyse syntax, letter spacing and grammar. When they see a damaged sentence, they can predict letters or words with high accuracy. Systems like DeepMind's Ithaca can even predict where and when an inscription was made based on the language used.

3. The Human-AI Partnership

Despite these technologies, AI is not replacing historians or scholars. Machine learning models are based on probability, and without oversight they can make mistakes. Instead, AI is like a fast research assistant. It generates ideas, options and reconstructions in seconds. Then human scholars evaluate these predictions. Make the final interpretation.

The Bigger Picture

AI is often celebrated for its power to shape our future. It is also helping us understand our past and connect with people across time. AI and Dead Languages are helping us learn more about history. Dead Languages and AI are making this possible.



Punya Bhat
6th sem, CS&E(AIML)

The Power of Consistency: Small Steps, Great Success

Success is often seen as the result of extraordinary talent or luck, but in reality, it is built through consistency. Every great achievement begins with small, repeated efforts that may seem insignificant at first. Whether it is learning a new skill, preparing for an examination, improving physical fitness, or building a successful career, consistency is the foundation that turns goals into reality.

Many people start with enthusiasm, but only a few continue when challenges arise. It is easy to stay motivated when everything goes well, but true growth happens when we remain committed even during difficult times. A person who studies for one hour every day will eventually gain more knowledge than someone who studies only occasionally for long hours. Small, regular actions create habits, and habits shape our future.



Consistency also helps us develop discipline and confidence. Every completed task, no matter how small, reminds us that progress is possible. Over time, these small achievements build self-belief and encourage us to aim higher. Instead of fearing failure, consistent individuals learn from their mistakes and keep moving forward with patience and determination.

Support from family, teachers, and friends also plays an important role in maintaining consistency. Encouragement during difficult moments can inspire us to continue when we feel like giving up.

It is important to remember that success does not happen overnight. Great accomplishments are the result of daily efforts, continuous learning, and the willingness to improve. Even if progress seems slow, every step taken today brings us closer to our dreams.

The message is simple: stay consistent, trust the process, and never give up because of temporary setbacks. Small efforts made every day can lead to extraordinary achievements tomorrow.



Sri Meru Maringanti
6th sem, CS&E(AIML)

AICTE

Activity Point Program

Learning extends beyond textbooks, and the AICTE Activity Framework reflects this philosophy by offering students opportunities to explore, innovate, and contribute. By participating in a wide range of activities, students develop creativity, problem-solving abilities, leadership skills, and a strong commitment to social and professional excellence. These experiences contribute to their overall development, preparing them to become confident and responsible future professionals.

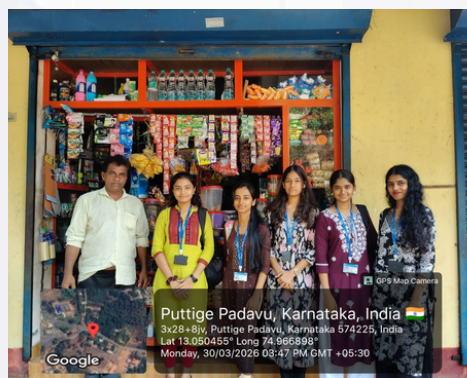
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Sustainable Water Management & Community Engagement Program

As part of the NSS and AICTE Activity Point Program, the Department organized the Sustainable Water Management & Community Engagement Program to encourage students to contribute towards environmental sustainability and social responsibility. The initiative aimed to create awareness about the importance of water conservation while inspiring students to actively participate in community-based efforts for sustainable water management. The program was successfully planned and conducted by the second-year students of the department, demonstrating their commitment to both environmental awareness and community service.

The program provided students with an opportunity to understand the challenges associated with water conservation and explore practical solutions to address them. Through awareness activities and community engagement, participants learned the significance of responsible water usage, sustainable practices, and the collective role individuals can play in protecting this vital natural resource.

The outreach activity successfully promoted environmental consciousness, teamwork, and civic responsibility among students. By combining academic learning with community service, the program reinforced the importance of sustainable development and inspired participants to become responsible citizens committed to preserving natural resources. The event served as a meaningful step towards creating awareness and encouraging sustainable practices.



Education for Every Ability: Learning Today, Skilled Tomorrow

As part of the AICTE Activity Point Program, the Department of Computer Science and Engineering (Artificial Intelligence & Machine Learning), in collaboration with the AI & ML Department, organized an outreach activity on 3rd February 2026 at Spoorthi Special School, Belvai, Moodbidre. The program, themed "Education for Every Ability: Learning Today, Skilled Tomorrow" was conducted by the third-year students with the objective of promoting inclusive education and supporting skill development among children with diverse learning abilities.



The activity focused on creating an engaging and encouraging learning environment through interactive educational sessions, fun-filled activities, and meaningful interactions. The volunteers actively participated in conducting activities that fostered learning, confidence, and creativity while emphasizing the importance of equal educational opportunities for every individual, regardless of their abilities.

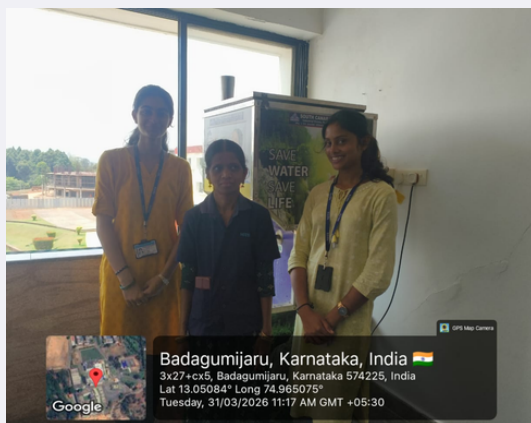
The outreach program provided the student volunteers with a valuable opportunity to understand the significance of empathy, inclusivity, and social responsibility. It was a memorable experience that strengthened the bond between the institution and the community while reinforcing the values of compassion, service, and holistic development among the participants.



Sustainable Water Management

As part of the AICTE Activity Point Program, the third-year students of the Department of Computer Science and Engineering (Artificial Intelligence & Machine Learning) organized a Sustainable Water Management outreach activity to promote awareness about the importance of conserving water and adopting sustainable practices. The initiative focused on educating the community about responsible water usage, rainwater harvesting, and simple water conservation techniques that can be implemented in everyday life.

Through interactive awareness sessions and community engagement activities, the students highlighted the need to protect water resources for future generations and encouraged individuals to adopt eco-friendly habits. The program provided a meaningful opportunity for students to contribute to society while strengthening their sense of environmental responsibility, teamwork, and civic engagement. Participants also gained practical insights into the importance of sustainable resource management and the role of collective action in addressing environmental challenges.



The activity was well received by the participants and served as an effective platform for spreading awareness about sustainable living. By combining academic learning with community service, the initiative inspired students to become responsible citizens and reinforced the importance of collective efforts in preserving one of our planet's most valuable natural resources.

Students Achievements

Success is built on passion, dedication, and continuous learning, and our students exemplify these qualities through their remarkable accomplishments.

Their achievements in hackathons, technical events, cultural competitions, sports, and research forums reflect their innovative mindset, resilience, and pursuit of excellence beyond the classroom.

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Project Team 9- Shines at International Conference

The Department of Computer Science and Engineering (Artificial Intelligence & Machine Learning) proudly celebrates the outstanding achievement of Dr. Yogeesh C B and Project Team-9, comprising Chaya N D, Bhavya, Jazim, and Abhijai, for successfully presenting their technical paper titled **"AI Powered Proactive Surveillance: Design and Implementation of Weapon Detection using YOLOv8 and Deep Learning Techniques"** at a Scopus-indexed International Conference hosted by JSS Academy of Technical Education (JSSATE), Bengaluru. The successful presentation of their research at an international forum highlights the department's continuous efforts to promote innovation, research excellence, and practical applications of Artificial Intelligence.

The rapid advancement of AI has transformed surveillance systems from passive monitoring tools into intelligent platforms capable of identifying potential threats in real time. Recognizing the growing need for enhanced public safety, the team developed a proactive surveillance framework that integrates the state-of-the-art YOLOv8 object detection model with deep learning techniques.



"AI Powered Proactive Surveillance: Design and Implementation of Weapon Detection using YOLOv8 and Deep Learning Techniques"



The proposed system is designed to identify weapons from live video streams with high precision, enabling early threat detection and supporting faster decision-making by security personnel. Such intelligent surveillance solutions have significant applications in airports, railway stations, educational institutions, shopping malls, public gatherings, and other high-security environments.

By leveraging advanced AI algorithms, the proposed system minimizes false detections while maintaining real-time

performance, making it suitable for practical deployment in modern surveillance infrastructures. Presenting this research at a prestigious Scopus-indexed international conference is a significant milestone for the team. The Department congratulates Dr. Yogeesh C B and Project Team-9 for this remarkable accomplishment and appreciates their valuable contribution to research and technological advancement.

First Place at Innovation-2026 Annual Student Project Competition

The students of the Department of Computer Science and Engineering (Artificial Intelligence & Machine Learning) achieved a remarkable milestone by securing First Place at the Innovation-2026 Annual Student Project Competition, organized by the IEEE MITE Student Branch, for their innovative project titled **"AI Gesture Studio."** The winning team comprised Pawan P. Acharya (4MT22CI037), Pranam (4MT22CI040), Samarth H. (4MT22CI044), and Sankalp Poojary (4MT22CI047). Guided by Mr. Srivatsa Upadhyaya P. The team demonstrated exceptional innovation, technical expertise, and teamwork through their project, earning appreciation from the judges and bringing laurels to the department. Their achievement reflects the department's commitment to fostering creativity, research, and excellence in technology-driven innovation.



Second Place at Innovation-2026 Annual Student Project Competition



The students of the Department of Computer Science and Engineering (Artificial Intelligence & Machine Learning) secured Second Place at the Innovation-2026 Annual Student Project Competition, organized by the IEEE MITE Student Branch in association with the Institution's Innovation Council at Mangalore Institute of Technology and Engineering (MITE), Mangalore, for their project titled **"Gaze Based Cheating Detection System."**

The team, comprising Deepthi A, Saniha K, Musaib and Maruska demonstrated outstanding technical skills, innovation, and teamwork throughout the project.

Xypheria 2026 – Best GitHub Repository Award

The students of the Department of Computer Science and Engineering (Artificial Intelligence & Machine Learning) brought pride to the department by winning the **Best GitHub Repository Award at Xypheria 2026**, a 24-hour National-Level Hackathon organized by the Department of Computer Science and Engineering and the C-Maniax Club at Alva's Institute of Engineering and Technology (AIET), Mijar, Mangaluru, on 24th–25th April 2026.

Featuring a prize pool of over ₹65,000, mentorship from industry experts, and problem statements across domains such as Artificial Intelligence, Healthcare, FinTech, Smart Agriculture, and Cybersecurity.

Representing the department, Syed Musid Syed Mohsin, Khwaja Mohammed Ifzal, and Talha Abdul Raheem Khan earned the award for their exceptional code quality, well-structured GitHub repository and effective version control practices.



AI-Driven Autonomous Vehicle for Scalable Smart Mobility



Arona Serrao and Sweedal Jenelia Dsouza from the 4th semester, CS&E(AIML), have secured a ₹4.5 lakh grant from the Government of Karnataka under the New Age Innovation Network (NAIN 2.0) initiative for their project, "**AI-Driven Autonomous Vehicle for Scalable Smart Mobility.**"

The project went through a competitive multi-stage selection process, starting with 130 teams in the opening round. The team advanced through three evaluation rounds to make the top 15 shortlist, ultimately placing in the finalized top 10 state-wide to earn the seed funding. The team extends their gratitude to MITE-FIRST and their mentors for the steady support that helped bring this idea to life.

International Recognition for AI Research

The Department of Computer Science and Engineering (Artificial Intelligence & Machine Learning) proudly congratulates Dr. Yogeswara Reddy P and Project Team-4, comprising Nandini Hegde, Riyaz Ahmed Khan, Nischal K, and Yashita Vasu, for successfully presenting their technical paper titled **“Deepfake Video Detection Using Generative Convolutional Vision Transformer”** at the 2nd International Conference on Information Technology and

Artificial Intelligence (ITAI 2026), held at Lasell University, Newton, Massachusetts, USA, on 22 March 2026 through an online presentation. This prestigious international conference brought together researchers, academicians, and industry experts to showcase cutting-edge innovations in Artificial Intelligence and Information Technology.

By integrating Generative Convolutional Networks with the Vision Transformer (ViT) architecture, the proposed framework enhances the accuracy and reliability of deepfake detection across diverse digital media. The work contributes significantly to the fields of digital forensics, cybersecurity, media authentication, and responsible AI by providing an intelligent solution to combat misinformation and manipulated visual content.

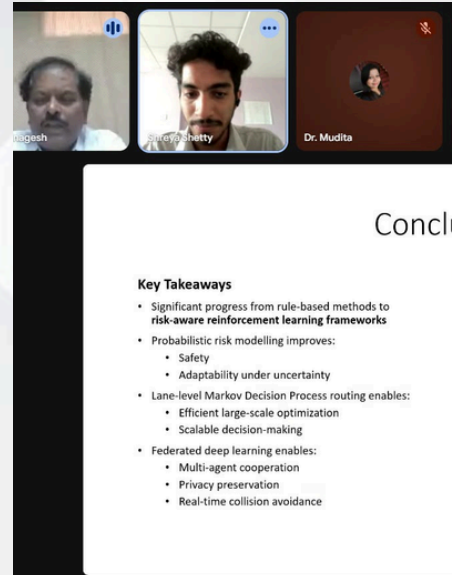
The successful presentation of this research at an internationally recognized conference highlights the technical competence, innovation, and research excellence of the student team under the guidance of Dr. Yogeswara Reddy P. Adding further distinction to this achievement, the conference proceedings of ITAI 2026 will be published in

the Scopus-indexed Springer Book Series, Lecture Notes in Networks and Systems (LNNS), providing global visibility to the team’s research contributions.



AI-Driven Lane-Change Trajectory Planning for Autonomous Vehicles

The Department of Computer Science and Engineering (Artificial Intelligence & Machine Learning) proudly congratulates Project Team-7, comprising Vikas M, Shreya Shetty, Sinchana, and Pooja U Hegde, for successfully presenting their technical paper titled **"AI: Analysis of Lane-Change Trajectory Planning and Path Control Strategies for Autonomous Vehicles using Deep Learning Approaches"** at the Scopus-indexed 8th International Conference on Communication and Computational Technologies (ICCCT 2026), organized by the National Forensic Sciences University, Goa Campus, India. Their successful online presentation at this prestigious international conference reflects the department's commitment to fostering research excellence and innovation.



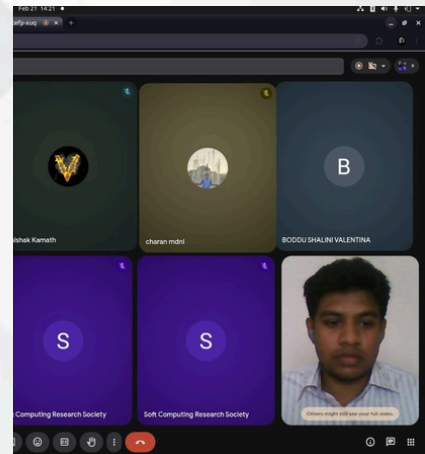
Autonomous vehicles are transforming the future of transportation by enhancing road safety, reducing traffic congestion, and enabling intelligent mobility. One of the most critical challenges in autonomous driving is executing safe and efficient lane-change maneuvers while adapting to dynamic traffic conditions. The team's research focuses on analyzing lane-change trajectory planning and path control strategies using advanced deep learning approaches.

Their successful presentation at a Scopus-indexed international conference showcases their dedication, technical expertise, and innovative spirit while bringing recognition to the institution. This accomplishment serves as an inspiration for aspiring researchers and

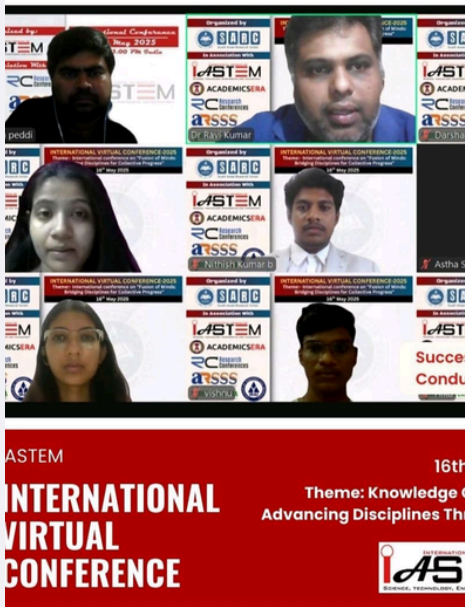
reflects the department's vision of promoting impactful research that contributes to the advancement of Artificial Intelligence and intelligent transportation systems.

Adaptive Multi-Index Retrieval for Intelligent Knowledge Systems

The Department of Computer Science and Engineering (AI & ML) proudly congratulates Dr. Amirthavalli M and Project Team-5, comprising Darshan Balaji P, Chavan Pradip Prakash, Sanjaya S, and Yogeesh, for successfully presenting their technical paper titled **“Adaptive Multi-Index Retrieval for Retrieval-Augmented Generation: A Comprehensive Survey of Organizational Knowledge Systems”** at the 4th Congress on Control, Robotics, and Mechatronics (CRM 2026), sponsored by the Soft Computing Research Society and organized by SR University, Warangal, India.



By enhancing the efficiency and accuracy of information retrieval from large organizational knowledge bases, the proposed approach enables AI systems to generate more relevant, context-aware, and reliable responses, supporting improved decision-making and knowledge management across various domains.



Further adding to this achievement, the paper has been accepted for publication in the Scopus-indexed Springer book series, Smart Innovation, Systems and Technologies, providing global recognition for their research contributions. This accomplishment highlights the department's continued commitment to fostering academic excellence, impactful research, and international collaboration in emerging AI technologies. This milestone serves as an inspiration to fellow students and researchers to pursue innovative solutions that address real-world challenges through Artificial Intelligence. The department extends its heartfelt

congratulations to the entire team and wishes them continued success in their future research endeavors and academic achievements.

Volleyball Competition Champions



The CS&E (AIML) girls' volleyball team, comprising Sinchana (2nd sem), Samyatha Acharya (2nd sem), Sanjitha (2nd sem), Nehal P (6th sem), Shreya (8th sem), and Vidyashree (8th sem), etched their name among the department's finest sporting achievements by clinching First Place in the inter-branch volleyball tournament during the annual Sports Day.

With remarkable coordination, composure, and fighting spirit, the team excelled in every match, overcoming tough competition to lift the championship trophy.

Their consistent performance, strong court presence, and never-give-up attitude reflected the hard work invested throughout the season. The victory is a proud milestone for the department and a testament to the team's passion for the sport.

Basketball Competition Winners

The CS&E (AIML) girls' basketball team once again brought pride to the department by securing First Place in the inter-branch basketball competition held during the annual Sports Day celebrations. Successfully defending their title, the team displayed exceptional teamwork, determination, and resilience throughout the tournament.

The winning squad—Nandini Jagdish (8th sem), Irshita Saaksha (6th sem), Nehal P (6th sem), Varshitha Rao (6th sem), and Jnanashree (6th sem)—delivered outstanding performances with strategic gameplay and unwavering confidence. Their back-to-back championship victory reflects their dedication, consistency, and the department's continued excellence in sports. This remarkable achievement serves as an inspiration to fellow students, encouraging them to pursue excellence in both academics and extracurricular activities.



Fashion Team Mystique Wins Six Consecutive Titles



**NITK-
BIZWAVES**



**AJIET-
AAKAR**



**MIT-
REVELS**

Irshita Saaksha (6th Sem, Team Lead) and Fiona Dias (4th Sem) of the CS&E (AIML) department played a pivotal role in leading the college fashion team, Mystique, to an extraordinary milestone during the 2025–26 academic year. Under their leadership and with the collective efforts of the team, Mystique secured First Place in six consecutive intercollegiate fashion competitions, establishing an unbeaten record throughout the season.

The team emerged victorious at BizWaves'26 (NITK), Revels'26 (MIT), Incridia'26 (NITTE), Aakriti'26 (Canara), Incident'26 (NITK), and Aakar'26 (AJIET). Each competition showcased the team's creativity, innovative concepts, stage presence, confidence, and seamless coordination, earning appreciation from judges and audiences alike.

As the Team Lead, Irshita Saaksha guided the team's vision, planning, and performances, while Fiona Dias made significant contributions through her dedication, enthusiasm, and exceptional stage presence.

The team's journey was marked by months of dedicated practice, meticulous planning, and a shared commitment to excellence. Every performance reflected not only their artistic talent but also their ability to work together under pressure and adapt to diverse competition themes.

This remarkable achievement reflects Mystique's passion, perseverance, and commitment to excellence. Winning six consecutive titles is a testament to the team's hard work, unity, and determination, bringing immense pride to the CS&E (AI&ML) department and the institution.

**NITTE-
INCREDIA**



**NITK-
INCIDENT**



**CANARA-
AAKRITI**



Throwball Competition Champions

The CS&E (AIML) girls' throwball team, comprising Sinchana (2nd sem), Vaishnavi (2nd sem), Saniya Jalaluddin (2nd sem), Nehal P (6th sem), K. Varshitha Rao (6th sem), Jnanashree (6th sem), Irshita Saaksha (6th sem), Vidyashree (8th sem), and Nikshita (8th sem), emerged victorious by securing First Place in the inter-branch throwball competition held during the annual Sports Day celebrations.



Through excellent teamwork, swift coordination, and consistent performances, the team outplayed their opponents and claimed the championship title. This impressive achievement adds another feather to the department's cap and reflects the students' commitment to excellence in sports.

First Place in 3V3 Football Tournament



The Department of Computer Science and Engineering (Artificial Intelligence & Machine Learning) proudly congratulates Sayed Mohd Sayan for securing First Place in the 3v3 Football Tournament held on 3rd November 2025 at the MITE campus as part of the Andhas event. Demonstrating exceptional teamwork, determination, and sportsmanship, Sayan showcased his talent on the field and contributed to his team's outstanding performance.

This achievement reflects his dedication to excellence beyond academics and brings pride to the department while inspiring fellow students to actively participate in sports and extracurricular activities.

Raga Samskrithi



Thrisha Shetty (6th^h Sem), Manya Shetty (6th Sem),
Krithi (6th Sem)

Football



Jazim Muhsil (8th sem), Sayed Mohammed Sayan (6th sem),
Ankush (6th sem)

Winning is memorable, but the spirit of participation and perseverance leaves a lasting impact.

First Place in 200-Meter Race

Thrisha, a VI Semester student of the Department of Computer Science and Engineering (Artificial Intelligence & Machine Learning), brought pride to the department by securing First Place in the 200-Meter Race during the Annual Sports Day 2026.

Her remarkable performance showcased exceptional speed, determination, and perseverance, reflecting her commitment to excellence in sports. This achievement stands as an inspiration to her peers and highlights the department's encouragement of holistic development through both academics and extracurricular activities.



Female Student Achiever Award 2025–26 – Irshita Saaksha



Irshita Saaksha (6th Sem), Department of CS&E (AIML), was honored with the Female Student Achiever Award 2025–26 by the Internal Complaints Committee (ICC) of Mangalore Institute of Technology & Engineering in recognition of her outstanding achievements and contributions during the academic year.

Notably, she was the only student from the institution to receive this prestigious recognition. Her accomplishments across academics, sports, cultural activities, leadership, and extracurricular initiatives reflect her dedication, perseverance, and commitment to excellence. This remarkable honour stands as an inspiration to fellow students and brings immense pride to the department and the institution.

Relay and India - V -- SUJAL REVANKAR

Demonstrating exceptional strength, determination, and athletic excellence, Sujal Mahesh Revankar secured Second Place in Shot Put at the 27th VTU State-Level Inter-Collegiate Athletic Meet 2025-26, held from 26-29 March 2026 at Kalpataru Institute of Technology (KIT), Tiptur. Organized by KIT, Tiptur, the prestigious championship brought together top athletes representing engineering institutions affiliated with Visvesvaraya Technological University from across Karnataka.

Competing against some of the finest talents in the state, Sujal delivered an impressive throw of 11.93 metres, earning the silver medal and bringing

laurels to Mangalore Institute of Technology & Engineering (MITE). His remarkable performance reflected months of disciplined training, unwavering perseverance, and a strong competitive spirit.



The accomplishment reflects not only Sujal's individual dedication but also the institution's commitment to nurturing excellence in sports alongside academics. It stands as a testament to the importance of hard work, perseverance, and continuous self-improvement in achieving success. His outstanding performance inspires fellow students to actively participate in sports, embrace healthy competition, and strive for excellence beyond the classroom.

This achievement further reinforces the Department of Computer Science & Engineering (AIML)'s tradition of holistic

development by supporting students in academics, sports, and co-curricular activities. The department takes immense pride in Sujal's success and congratulates him on this remarkable milestone, wishing him continued achievements and greater success in his future sporting endeavors.

First Prize – Inter-Department Tug of War 2026



Ninad Jayaram Shetty, CS&E (AIML), 6th Semester, was a member of the winning team that secured First Prize in the Inter-Department Tug of War Competition 2026 conducted for UG and PG students. The victory reflected not only physical strength but also exceptional teamwork, coordination, determination, and mutual trust. The competition highlighted the importance of unity, discipline, and perseverance, demonstrating that collective effort is the foundation of success.

This achievement stands as a proud milestone for the department and encourages students to actively participate in sports while embracing the true spirit of teamwork and sportsmanship.

Coding Competition Achievements

Pranam Naik, CS&E (AIML), 6th Semester, showcased exceptional technical expertise by securing top positions in intercollegiate coding competitions. He won First Prize along with a cash prize of ₹4,000 in the Error Expedition competition conducted under Aakriti at Canara Engineering College, demonstrating outstanding analytical thinking, debugging abilities, and problem-solving skills.

He further secured Second Prize along with a cash prize of ₹2,000 in the Debug the Code competition conducted under Aakar at AJ Institute of Engineering and Technology. His consistent performance across both events reflects strong programming knowledge, logical reasoning, precision, and a passion for competitive coding, bringing pride and recognition to the department.



Celebrating Creativity, Leadership, and Cinematic Excellence – Jeevandeep Shettigar



With a remarkable passion for filmmaking, content creation, and creative media, Jeevandeep has made significant contributions to the world of visual storytelling and digital content. Their journey is marked by a series of achievements that reflect exceptional creativity, teamwork, leadership, and dedication. Leading a team of 15 members, they emerged victorious in the Mad Ads Competition at AJIET, Mangaluru.

Their creative expertise extends across various aspects of filmmaking and media production. Working as the Director of Photography (DOP) for the 'Radio' short film, they were honoured with the Best Script Award at the Milestone Short Film Competition held in Coimbatore, Tamil Nadu. They also had the opportunity to work on an interview with Aneesh Poojary Venur for his film Daskath, which received significant recognition and appreciation. Their growing presence as a content creator further led to an invitation to join the Content Creators Community of Mangaluru, an initiative organised by Fortune Promoters in Moodbidri.

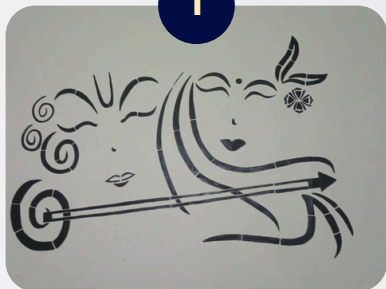
Their achievements continued with a victory at the Navarsa Competition, held at NMAMIT, Nitte, as part of Incredia 2025. As a Director of Photography, they worked on Nyaayadhoota, an award-winning short film that secured First Place at the National-Level Filmathon conducted by NITK Surathkal. Their filmmaking journey also includes participation in the One Act Play Competition at the VTU Cultural Fest, held at the Global Institute of Technology, Bengaluru.

Beyond individual accomplishments, Jeevandeep is currently working towards building Paranti Media, alongside a dedicated team. The creative media agency focuses on cinematic storytelling, content creation, branding, and digital media solutions for businesses and creators. Through their diverse experiences and continued pursuit of excellence, Jeevandeep represents the power of creativity, collaboration, and innovation, inspiring others to explore their potential and transform ideas into impactful stories.

Visual Symphony

Art has the power to communicate beyond words, and the Art Gallery beautifully captures this essence. Featuring a collection of artworks by our talented students, this section highlights creativity, originality, and passion through various forms of visual expression. Each piece tells its own story, inviting readers to appreciate the beauty of imagination and artistic vision.

Page 44 - 48



1

2



1

Tamanna Nath
6th Sem

2

Tamanna Nath
6th Sem

3

Krithi
6th Sem

4

Samyatha Acharya
4th Sem



3

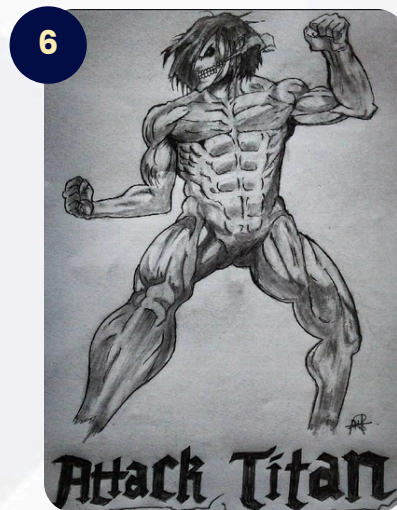
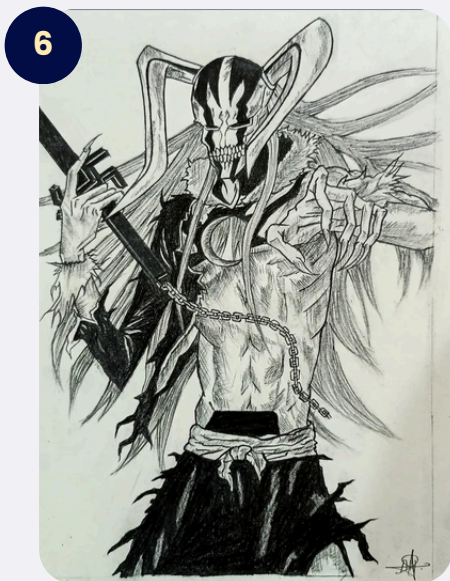
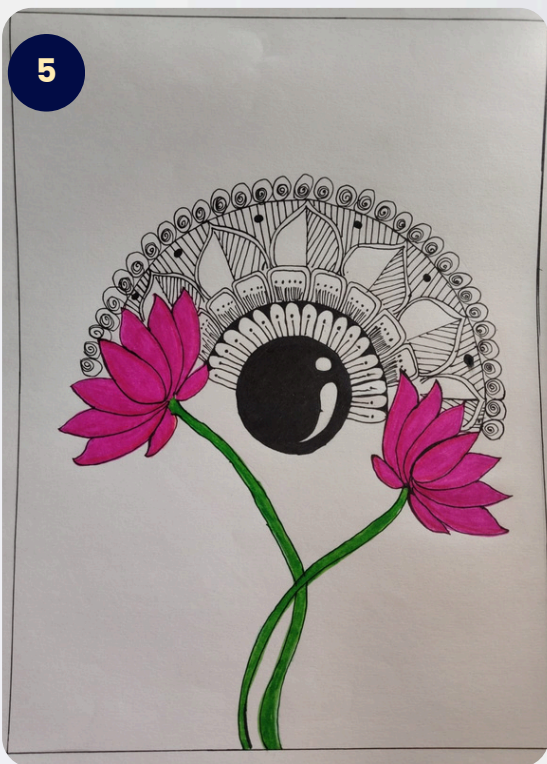
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5

Manya Shetty
6th Sem

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Akshay H.S
6th Sem

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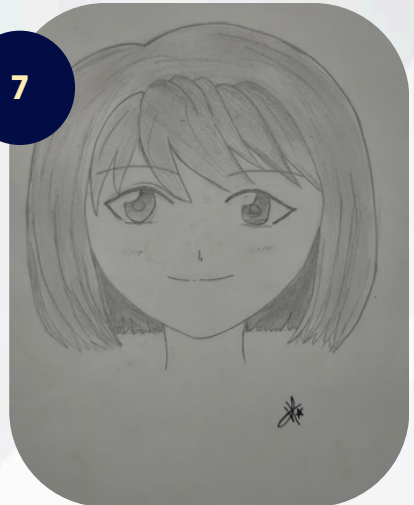
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7



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7



7

Varshitha Rao
6th Sem

Poems

The Little Things

*We all carry stories that others cannot see.
A few kind words, a helping hand,
Or simply listening to someone
Can make a heavier heart feel lighter.*

*Maybe success isn't about never falling.
Maybe it's about getting up one more time,
Learning something new,
And finding reasons to keep moving forward.*

*In the end,
It is not the trophies or applause we remember.
It is the people we loved,
The memories we made,
And the small moments that quietly became our
happiest ones.*

~ Anish Nayak (4th Sem)

Memorable College Days

*From first-day nerves to final cheers,
We laughed our way through all the years.
Missed alarms and late-night crams,
Endless notes and last-minute plans.
Some classes slept, some lessons stayed,
Some promises were never paid.
The canteen knew our every face,
It was our favorite meeting place.
The books may close, the bells may fade,
But memories never lose their shade.
Though life will lead us far away,
We'll smile and miss these college days.*

~ Jeevandeep (6th Sem)

CS&E (AIML) Department Toppers

Academic excellence is reflected in the dedication, perseverance, and commitment of our toppers. Their remarkable performance stands as an inspiration to their peers and highlights the culture of hard work and learning nurtured within the department. By celebrating their success, we honour their efforts and encourage future batches to continue striving for excellence.

Their accomplishments serve as a reminder that consistent effort and determination pave the way for success. Each achievement marks not only a personal milestone but also a moment of pride for the entire department.

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2nd Year CS&E(AIML)

1st



Anagha Shetty
SGPA: 9.3

2nd



Sanjitha
SGPA: 9.22

3rd



NP Sinchana
SGPA: 9.17

3rd Year CS&E(AIML)

1st



Jenisha Shereyl Dsouza
SGPA: 9.78

2nd



Maringanti Shri Meru
SGPA: 9.67

3rd



Punya Bhat
SGPA: 9.61

Faculty & Staff

The heart of a department is its people—the faculty and staff who contribute to its growth and success every day. With their knowledge, experience, and dedication, our faculty members guide students both academically and personally. Equally important, our non-teaching staff ensure the smooth functioning of the department, providing essential support behind the scenes and helping create a positive environment for learning and growth.

Page 51- 53

Faculty



Dr. Farha Haneef.
Head of Department



Dr. Yogeesha C.B
Dean & Professor



Dr. Meenakshi
Asst. Prof



Ms . Rithika
Asst. Prof

Staff



Ms. Akshitha
Lab Instructor



Mrs. Shilpa Acharya
Lab Instructor



Ms. Geetha
Lab Instructor



Mrs. Nalini
Attender



THE END FAREWELL BATCH OF 2026

ALUMNI



INSIGHTS



From coming as strangers to moving out as a CSE(AIML) family it hits different. I never imagined that I would become the President of this beautiful family, where I earned so much respect and built friendships that I'll always cherish. This journey also helped me grow as a person by improving my leadership skills and giving me the confidence to speak in front of a gathering. I really wish I could stay back a little longer and relive all the memories we've made together.



Joswin Mendonca

2022-2026



Four years ago, we walked into the department as strangers, and today we're leaving with countless memories and a friendship that will last a lifetime.

The CSE(AIML) department has been more than just a place to study it has been a place where we learned, grew, laughed, and became better versions of ourselves. Thank you to all the faculty and staff for being a part of this unforgettable journey. I'll always be proud to be a part of the CSE(AIML) family.



Mandira

2022-2026



The CSE (AI & ML) department gave me more than technical knowledge it instilled confidence, curiosity, the courage to innovate and leadership quality . I'm proud to be an alumna and grateful for the experiences that continue to shape my journey.

-Nandini Hegde



Nandini Hegde

2022-2026



Looking back, MITE gave me more than just a degree it gave me valuable experiences, good friends, and lifelong memories. I'm thankful to everyone who was part of this journey



Tanvi

2022-2026



The CSE (AI & ML) department has provided an enriching academic environment that has helped me develop both technical expertise and critical thinking skills.

The faculty members are committed, encouraging, and always willing to guide students in overcoming academic challenges and achieving their full potential.

I am thankful to the department for its dedication to academic excellence and for fostering a culture of continuous learning, innovation, and professional development. The support and encouragement provided throughout my journey have made my learning experience both meaningful and rewarding.

Thanvi J Shetty

2022-2026



Being a part of the CSE (AI & ML) department has boosted my confidence in my technical skills and problem-solving abilities.

The faculty are approachable, supportive, and always encourage us to do our best.

The workshops, coding sessions, and other technical activities have improved our practical knowledge and prepared us better for placements.

Overall, I am thankful to the department for creating a positive learning environment and giving us opportunities to grow.



Kruthi

2022-2026

Faculty Insights

Our faculty members are more than educators—they are mentors, guides, and constant sources of inspiration. The Faculty Insights section highlights their experiences, knowledge, and perspectives, offering readers a glimpse into the ideas that shape both academic and professional growth.

Their wisdom continues to shape and inspire the next generation of learners.

From emerging technologies to research and life lessons, their contributions inspire us to learn, question, and strive for excellence.

Page 57–61



Started learning curve with Data Structure, Added knowledge flavor with Algorithm fixture, Machine Learning, Deep Learning, Programming and many more adventure, Inspired by nature, designed towards future, I, proud to be a guiding AI teacher.

~ Dr. Yogeesh C.B
Dean & Professor



The CSE (AI & ML) Department is driven by a team of dedicated faculty committed to excellence in teaching, research, and innovation. Faculty members actively contribute to reputed journals and conferences while guiding students in cutting-edge AI and ML projects. Their strong industry collaborations and research expertise create opportunities for hands-on learning and real-world problem-solving. Through continuous mentoring, the team prepares student to excel in emerging technologies and future careers



~Dr. Meenakshi Shenoy
Assistant Professor



The Department of Computer Science & Engineering (Artificial Intelligence & Machine Learning) is supported by a team of dedicated and experienced faculty committed to academic excellence, research, and innovation. Through quality teaching, active research, industry collaboration, and continuous mentoring, the faculty empower students with the knowledge, practical skills, and confidence to excel in AI, ML, and other emerging technologies.

~ Ms. Rithika
Assistant Professor

Predicting the Storm: The AI Revolution in Climate Science

When a supercomputer takes hours to process an impending cyclone, every minute counts. Today, climate and weather science has entered a transformative era where Artificial Intelligence (AI) is redefining how we understand our planet. Every day, satellites, weather stations, ocean buoys, and radar systems produce vast volumes of environmental data. Converting this massive stream of information into clear insights used to be a major hurdle, but AI is making the process faster, smarter, and far more accurate.

Historically, weather and climate forecasting has depended on mathematical models built on the laws of physics. These traditional systems have successfully predicted cyclones, monsoons, and seasonal shifts for decades, but they demand heavy computing power and hours of processing time. AI complements these physics-based methods by recognizing patterns directly from historical data, allowing for rapid analysis and improved predictions without losing scientific precision.



As high-resolution atmospheric datasets continue to grow, they offer detailed information on temperature, rainfall, humidity, wind, and pressure across time and space. AI excels at sorting through these vast records to reveal hidden relationships and clarify long-term climate changes. However, AI models are only as reliable as the scientific knowledge behind them. The best solutions happen when data science merges with domain expertise, ensuring predictions remain accurate and grounded.

"The future will not depend solely on larger datasets or faster computers, but on intelligent systems that transform data into informed decisions."

The future of climate action depends on collaboration across fields. By combining AI with environmental expertise, we can improve warning systems, optimize renewable energy, and manage resources more effectively.

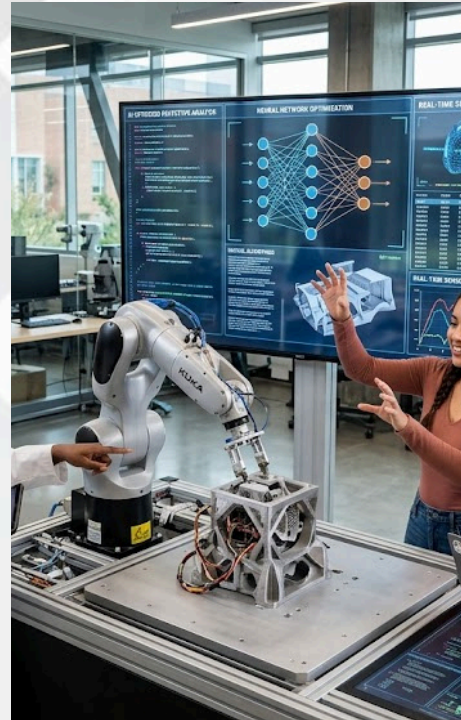


Dr. Meenakshi Shenoy
Dept of CS&E(AIML)

Beyond the Classroom: How AI is Shaping Tomorrow's Engineers

The world is changing faster than ever, and Artificial Intelligence (AI) is at the center of this transformation. From recommending movies and detecting diseases to powering self-driving cars and virtual assistants, AI has become an essential part of everyday life. For engineering students, understanding AI is no longer just an advantage—it is a necessity.

Unlike traditional computer programs that follow fixed instructions, AI systems learn from data and improve their performance over time. Machine Learning, Deep Learning, and Computer Vision are enabling machines to solve complex problems that once required human intelligence. As technology evolves, engineers are expected to design solutions that are not only intelligent but also ethical and responsible.



One of the most exciting aspects of AI is its

ability to solve real-world challenges. In healthcare, AI assists doctors in early disease diagnosis. In agriculture, it helps farmers monitor crop health and predict yields. Industries use AI to automate repetitive tasks, improve productivity, and reduce operational costs.

However, AI is not about replacing humans—it is about empowering them. Critical thinking, creativity, communication, and ethical decision-making remain uniquely human strengths. The future belongs to professionals who can combine technical expertise with innovative problem-solving skills.

“The engineers of tomorrow will not compete with AI; they will collaborate with it to build a smarter and more sustainable world.”

As students preparing for future careers, this is the perfect time to strengthen programming skills, explore AI projects, participate in hackathons, and stay curious about emerging technologies. Every line of code written today could become part of tomorrow's groundbreaking innovation.

Rithika
Dept of CS&E(AIML)



R Programming Workshop for MBA Students

The Department of Computer Science & Engineering (Artificial Intelligence & Machine Learning), Mangalore Institute of Technology and Engineering (MITE), organized an insightful session on R Programming for the MBA students, delivered by Dr Meenakshi, faculty member from the CS&E (AIML) Department. The session was designed to introduce students to the fundamentals of R Programming and demonstrate its growing importance in data analysis, business intelligence, and decision-making.

The workshop commenced with an overview of R Programming, highlighting its significance as one of the most widely used programming languages for statistical computing, data visualization, and predictive analytics. Dr. Meenakshi explained how organizations across industries leverage R to analyze business data, identify market trends, and derive meaningful insights that support strategic decisions.

The session covered the essential concepts of R, including its environment, data types, variables, operators, vectors, data frames,

and basic programming constructs. Students were introduced to writing simple R scripts and performing elementary data manipulation tasks. Special emphasis was placed on practical applications, enabling participants to understand how R can be used to organize, analyze, and visualize business data efficiently.

To make the learning experience more engaging, Ms. Meenakshi demonstrated several examples and guided the students through hands-on exercises. The participants explored how datasets can be imported, processed, and represented using graphical visualizations such as bar charts, pie charts, and scatter plots. These demonstrations helped bridge the gap between theoretical concepts and real-world business applications



Dr. Meenakshi Shenoy
Dept of CS&E(AIML)

Batch Photo

Years may pass, but the memories created along the way remain timeless. This batch photograph captures the friendships, laughter, and togetherness that made our academic journey one to remember.

From the first day of college to the milestones we achieved together, every moment has contributed to the story of our batch. More than just a photograph, it is a cherished reminder of the bonds we formed and the journey we shared.

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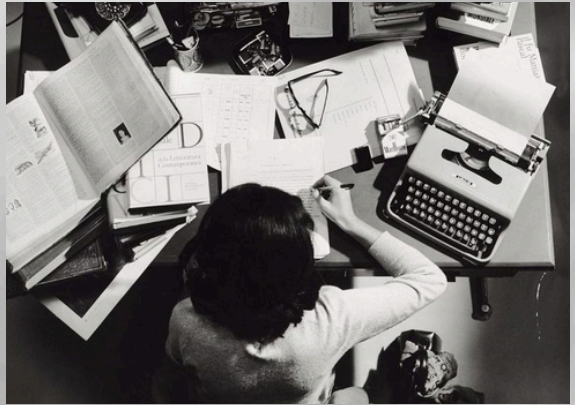
Batch of 2026



Editor's Note

A magazine is more than just a collection of articles and photographs. It is a reflection of the people, experiences, and memories that make our department special. Every page tells a story of learning, creativity, teamwork, and the countless moments that have shaped us throughout the year.

This edition brings together the achievements, innovations, events, and talents of our students and faculty. From technical accomplishments and research activities to cultural celebrations and creative expressions, every contribution reflects the passion and dedication of our department. It is a reminder that growth happens not only inside classrooms but also through collaboration, curiosity, and shared experiences.



Putting this magazine together has been a rewarding journey. It would not have been possible without the efforts of our students, faculty members, writers, photographers, designers, and everyone who contributed their ideas and time. We extend our heartfelt gratitude to each one of them for making this edition a reality.

As you turn these pages, we hope you relive cherished memories, celebrate remarkable achievements, and discover stories that inspire you. May this magazine serve as a keepsake of our journey and a reminder of the wonderful moments we have shared together.

As one chapter comes to an end, another begins. The lessons we have learned, the friendships we have built, and the experiences we have shared will stay with us long after we leave these classrooms. We hope this magazine captures not only the highlights of the year but also the spirit of our department and the people who make it truly special.

Finally, we extend our sincere gratitude to our management, Principal, Head of the Department, faculty members, student contributors, photographers, designers, and every individual who supported the creation of this magazine. Your encouragement and dedication have made this edition possible. We hope you enjoy reading it as much as we enjoyed bringing it to life.

Thank you for being a part of our story.
Happy Reading!

~Editorial Team

CHIEF EDITORS

What makes a journey special is not just the milestones we reach, but the people who walk beside us.

Akansha Dsouza

4th year, CS&E (AIML)



“



Dream fearlessly, work relentlessly, and let your success do the talking.

Jeevandeep Shettigar

4th year, CS&E(AIML)

”

Behind every great achievement is a team that believed in the power of working together.

Irshita Saaksha

4th Year, CS&E(AIML)



“



When passion meets purpose and teamwork meets determination, excellence follows naturally.

Shakila Thasneem

4th Year , CS&E(AIML)

CO-EDITORS

“

Great teams aren't built by people who shine alone, but by people who help each other shine. Success feels better when it's shared.

Saniya Jalaluddin

3rd Year ,CS&E(AIML)



”



Connections between people are the key to collaboration, and they are the source of collaborative creativity.

Sweedal Jenelia Dsouza

3rd Year , CS&E(AIML)

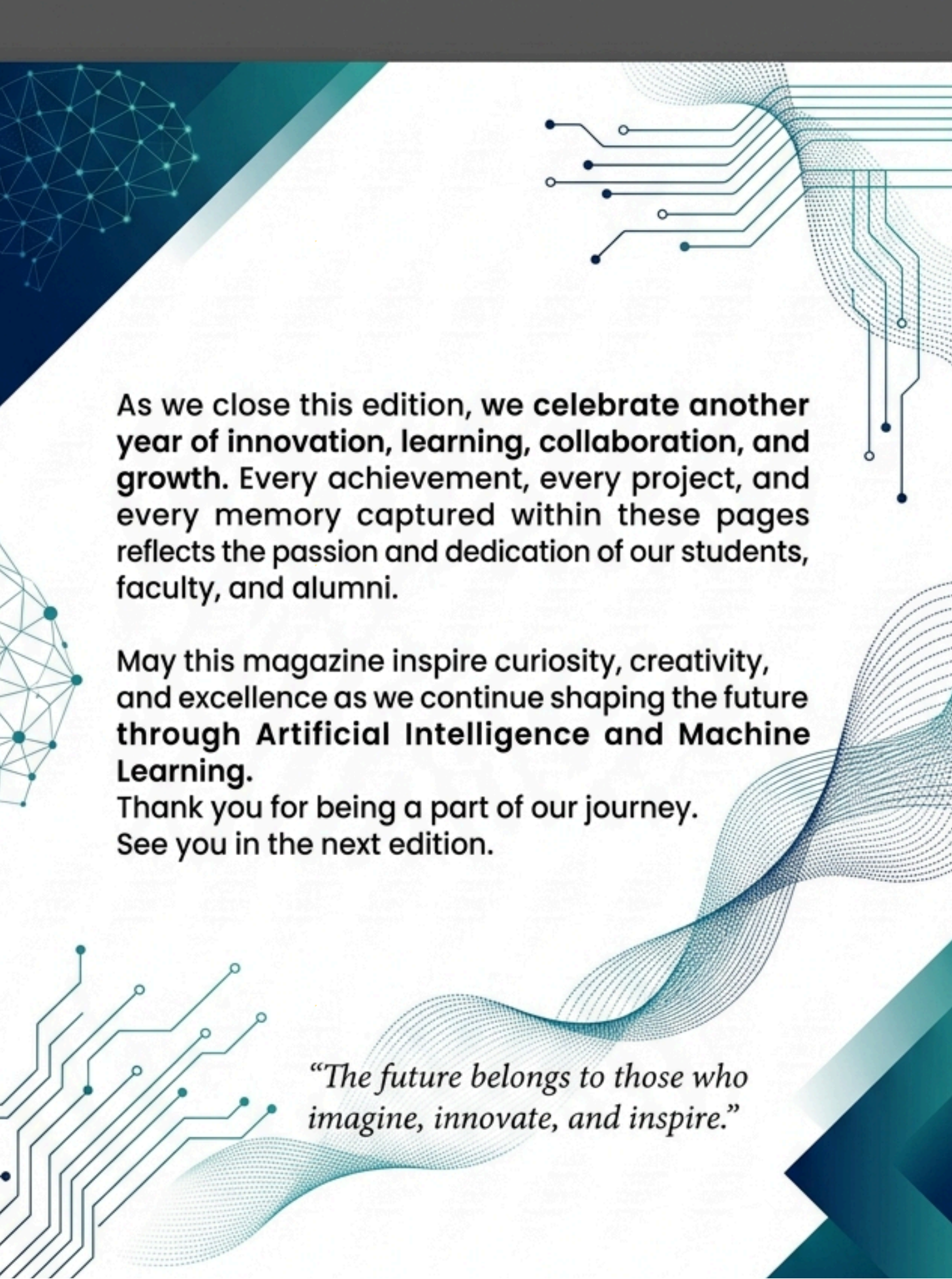
“

The finest stories are not written with ink alone—they are crafted with passion, perseverance, and purpose.

Arman Adil

3rd Year, CS&E(AIML)





As we close this edition, we **celebrate another year of innovation, learning, collaboration, and growth.** Every achievement, every project, and every memory captured within these pages reflects the passion and dedication of our students, faculty, and alumni.

May this magazine inspire curiosity, creativity, and excellence as we continue shaping the future **through Artificial Intelligence and Machine Learning.**

Thank you for being a part of our journey.
See you in the next edition.

*"The future belongs to those who
imagine, innovate, and inspire."*



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