

National Education Society(R.)
Jawaharlal Nehru New College of Engineering

Shivamogga - 577204



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AIML

MATTERS

Newsletter

Apr- May 2025

**Department Of Artificial Intelligence
& Machine learning**

Issue 17
Frequency : Monthly

Email : hod_aiml@jnncce.ac.in

AIML FLASH NEWS

- Preface -



AI's Global Power Struggle

AI's rapid growth is straining global energy grids, prompting controversial solutions and new energy alliances. Nations compete for semiconductor dominance as export controls tighten. Meanwhile, AI reshapes warfare, fuels cyber threats, and spreads disinformation. Legal battles over data use intensify, and public trust remains low despite rising everyday adoption.

India Aids AI Cardiology

An Indian team joined a global study that developed an AI tool to predict deadly heart arrhythmias up to two weeks early. Using over 240,000 ECGs, the model reached nearly 80% accuracy. Indian cardiologist Dr. Kumar Narayanan contributed local patient data. With high rates of sudden cardiac deaths in India, the tool offers hope for early detection. Experts see future use in wearables but stress more trials are needed. AI should assist, not replace, doctors.

Rise of Lethal AI Weapons

AI warfare is no longer fiction—it's already a reality. Lethal autonomous weapons (LAWs) can select and kill targets without human control. Unlike nuclear weapons, they are cheaper, scalable, and harder to regulate. Their rise raises serious ethical and security concerns about the future of war.

“The idea that machines can't do things humans can is a pure myth”

~ Marvin Minsky



FACULTY ACHIEVEMENTS

Dr. Chetan K R delivered an Expert Talk on "AI for Education" at FDP organized by Saradha Gangadharan College on 14-04-2025 and sponsored by AMIEE

Mr. Ranjan V delivered a Technical Talk at Dept. of CSE, GM University on 23-04-2025 and published a paper entitled "Anomaly Detection in Video with Knowledge Distillation Radial Kernel Function Assisted Ensemble Model" in an International Journal published by International Journal of Intelligent Engineering and Systems INASS on 15-04-2025, indexed by Scopus

Mr. Sayyed Johar published a paper entitled "PhysioDimClassifier imbalance data classifier model for IoMT-based remote patient monitoring systems" in an International Journal published by MethodX Elsevier, on 12-05-2025 indexed by Scopus

BLOGS AND STORIES

Veo 3 Transforms Videomaking



Vevo 3, the state-of-the-art video generation model developed by Google DeepMind, represents a major leap in generative AI, capable of producing high-quality, cinematic videos from simple text prompts. Unlike earlier models, Vevo 3 can generate 1080p resolution videos up to a minute long, incorporating complex motion, realistic textures, and nuanced scene transitions. It leverages advanced transformer-based architectures and diffusion techniques to understand both visual and temporal patterns, making it ideal for creative storytelling, filmmaking, and educational content. With features like prompt-based editing and style control, Vevo 3 not only democratizes video creation but also sets a new benchmark for AI-driven visual media, paving the way for future innovations in digital content generation

Kruthi B R
6th Semester

“THE LAST PRESENTATION”

In the final semester of engineering, every student had to give a seminar on a chosen topic. It was a routine part of the curriculum—projectors flickering, students reading slides word-for-word, faculty half-listening.

But when Haseena turn came, she walked to the podium with just a mic. No slides. No laptop. “Today,” she began, “I’m not going to talk about a tech trend. I want to talk about failure.” The room stirred. Some laughed. Some sat up.

She continued, “Last year, I didn’t clear a single interview. Not even one. I skipped fests. I faked being busy. I almost dropped out. Until one night, someone caught me crying behind the electrical lab. He didn’t say a word. Just brought me a chair and said, ‘Tough days build real engineers. Not the topper list.’”

Dead silence.

She ended with a line that no one expected:

“We prepare resumes, but never learn to face rejection. We chase grades, but forget to build resilience. Today, if you’re struggling, I want you to know—you’re not the only one. And that’s okay.”

No applause broke out. Just stillness. And for the first time in years, the seminar hall didn’t feel like a grade-hunting ground. It felt real.

Afterward, students lined up—not to ask questions, but to quietly say, “Me too.”

Moral:

But every honest story is an eye-opener—if we’re brave enough to share it. Be real. You never know who needed to hear it.

Kalakriti



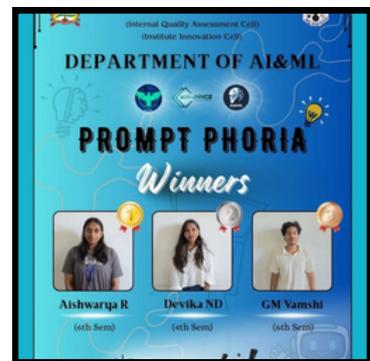
Rangoli Competition- On **April 2nd, 2025**, the entrance of the AIML Department was transformed into a living canvas during Kalakriti, the much-anticipated Rangoli Competition. With colors in hand and creativity in full bloom, teams of three took on the challenge of bringing culture and imagination to life through intricate Rangoli designs. The atmosphere was festive, filled with the sound of laughter, vibrant hues, and the delicate movement of hands crafting each pattern with care.

The competition showcased a seamless blend of traditional Indian motifs and modern themes, highlighting the artistic diversity of the participants. The **team of Sahana N D** captured the judges' attention with their exceptional symmetry and storytelling, earning them **first place**. **Dhanyashree Urs and team** secured **second place** with a design that stood out for its clarity, color balance, and thematic depth. In a rare and heartening result, multiple teams were awarded **third place** for their visually striking and thoughtfully executed entries. These included **Vamshi and team**, **Vaishnavi M V and team**, and **Amrutha K S and team**

The event was more than just a display of skill—it was a celebration of tradition, teamwork, and artistic spirit, leaving a lasting impression on everyone present and setting a vibrant tone for the cultural festivities that followed.



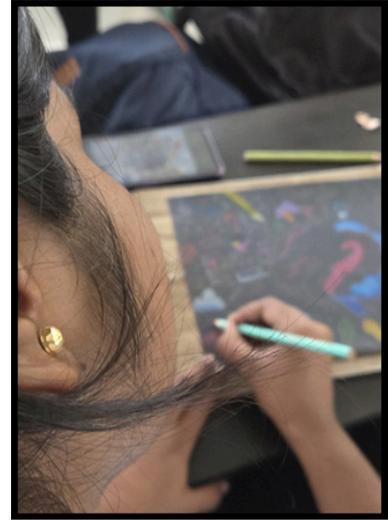
Prompt Phoria



Prompt Writing Challenge – Creativity took center stage during Prompt Phoria held on **April 4th, 2025**, as participants dove into the world of words with just their imagination and a ticking clock. Organized by the AIML Department’s literary committee, the event featured two high-pressure 30-minute rounds where contestants were given abstract, open-ended prompts to craft original writing on the spot. The challenge tested not just creativity but also clarity, emotional depth, and thematic coherence under time constraints. The atmosphere buzzed with focused energy as students penned poetry, micro-fiction, and narrative prompts that were both insightful and thought-provoking.

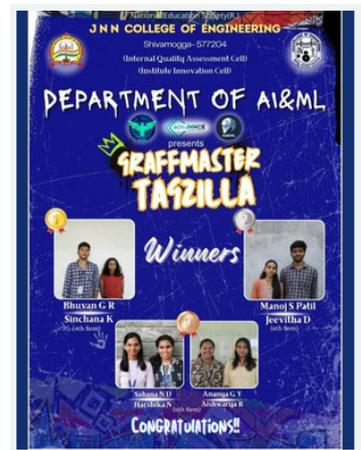
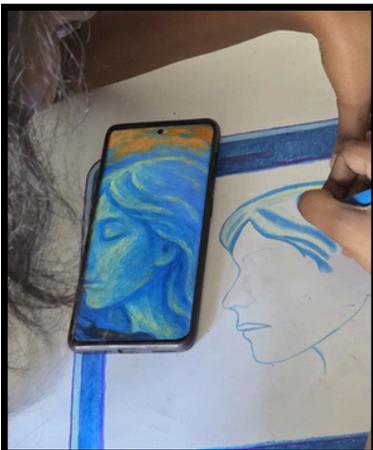
Writers **Aishwarya R**, **Devika N D**, and **G M Vamshi** impressed the judges with their exceptional originality, structure, and expressive flair, earning top honors. The event encouraged literary spontaneity and gave budding writers a platform to showcase their unique voices, turning simple prompts into powerful expressions of thought.

GraffMaster Tagzilla



Graffiti Battle- A riot of colors, creativity, and street-style flair took over AIML 001 on **April 23rd, 2025**, as Graffmaster Tagzilla challenged participants to turn blank walls into bold statements. With just two hours and a surprise theme revealed at the start, teams worked in high gear, armed with spray paints, markers, and unfiltered imagination. The room buzzed with energy as layers of ideas turned into vibrant visuals—ranging from abstract interpretations to powerful messages.

The dynamic duo of **Bhuvan G R and Sinchana K** emerged victorious at **first place** with a visually electrifying creation that stood out in both form and storytelling. **Manoj S Patil and Jeevitha D** followed closely at **second position** with their sharply executed piece that blended color with commentary. **Third place** was a tie, with **Sahana N D & Harshika N**, and **Ananya G Y & Aishwarya R** impressing judges through expressive, unconventional designs. The event wasn't just a battle of skill—it was a celebration of urban art, free thought, and the unapologetic spirit of youth.



Joy Junction



Game Fest- Bursting with energy and infectious laughter, Joy Junction lit up the AIML corridors on **April 25th, 2025**, turning ordinary games into extraordinary memories. From relay chaos to mind-bending team tasks, every challenge was designed to test wit, coordination, and pure spontaneity. Teams battled it out in rounds that blended physical games with clever twists, all while cheering each other on in true festival spirit.

Leading the scoreboard, **Md Anas and his team** took **first place** with swift strategy and seamless teamwork. **Radiya's team** followed closely, impressing with their clever tactics on **second place**, while **Vinuth and his squad** clinched **third place** with consistent performance and boundless enthusiasm. More than just competition, Joy Junction celebrated friendship, laughter, and the simple joy of playing together—making it one of the most loved and talked-about events of the fest.



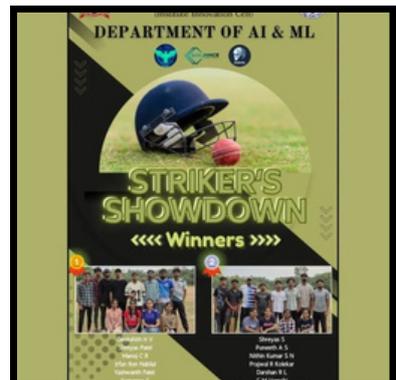
Striker's Showdown



Cricket Tournament- The sound of leather on willow and cheering squads echoed across the B.Com Ground on **April 27th, 2025**, as the Strikers Showdown cricket tournament delivered an action-packed day of sporting excitement. With a unique format promoting inclusivity, each team was required to feature female players in both batting and bowling roles, bringing a refreshing twist to traditional campus cricket.

The matches were fiercely competitive yet marked by mutual respect and team spirit. After a series of nail-biting overs and strategic plays, **Yashwanth and team** emerged victorious **first place**, impressing everyone with their seamless coordination, tactical acumen, and all-round performance. **Nithin Kumar's team** put up a valiant fight, securing **second place** in a match that kept spectators on the edge of their seats with close chases and dramatic wickets.

More than just a tournament, Strikers Showdown stood out as a celebration of sportsmanship, teamwork, and gender-inclusive play, earning applause for both its competitive edge and progressive format.



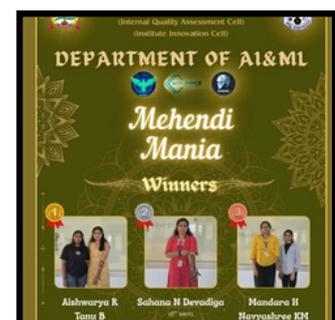
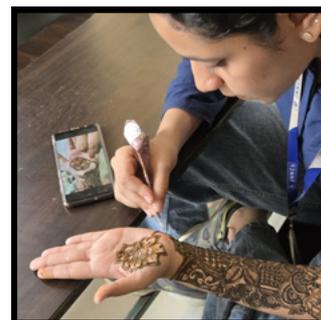
Mehendi Mania



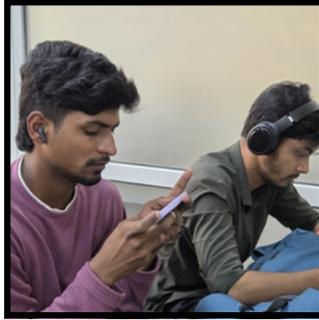
Mehendi Competition- on **May 2nd, 2025**, the campus came alive with rich tradition and vibrant artistry during Mehendi Mania, turning simple henna into stunning storytelling. Hosted as part of the cultural fest, the event invited participants to transform hands into intricate canvases filled with motifs that reflected both heritage and modern elegance. The air was filled with the soothing scent of mehendi and the quiet intensity of focused creativity.

Students showcased a wide array of styles—from classical paisleys and mandalas to contemporary fusion designs—each piece a testament to precision, patience, and artistic intuition. **Aishwarya R and Tanu B** secured the **top position** with their masterfully crafted patterns that stood out in detail and symmetry. **Sahana N D** earned **second place** with her clean lines and graceful layout, while **Mandara H and Navyashree K M** shared **third place** for their expressive, balanced designs.

More than a competition, Mehendi Mania celebrated cultural heritage through personal expression, leaving behind not just tinted palms, but lasting impressions of beauty and tradition.



Battlezone Bash

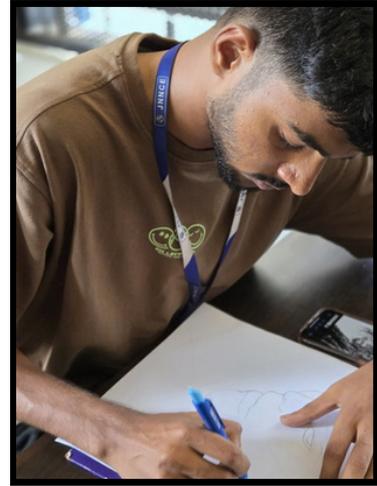
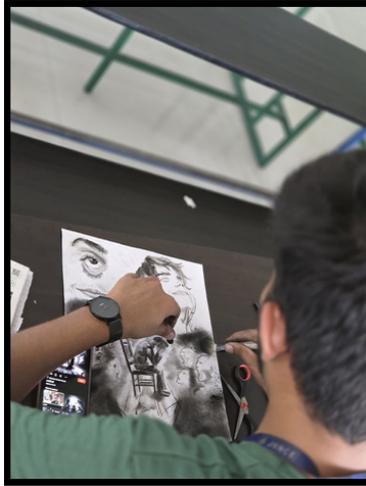
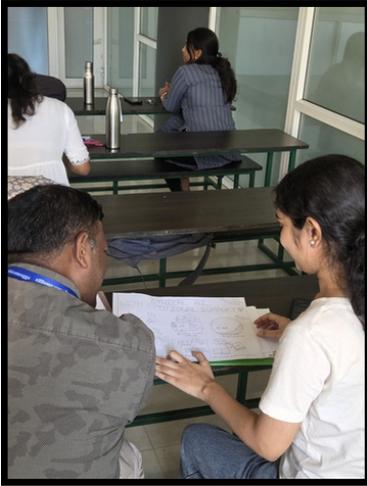


BGMI Tournament- Gamers locked and loaded on **May 2nd, 2025**, as Battlezone Bash brought the virtual battlefield alive with high-stakes BGMI duos action. The tournament saw fierce competition where every tap, scope, and revive counted, as players navigated digital terrains with lightning reflexes and strategic brilliance. The atmosphere in AIML 001 was electric as squads cheered on their favorites in a showdown of skill, focus, and flawless coordination.

Nithin Kumar S N and K M Srujan dominated the arena with calculated aggression and teamwork, earning them a well-deserved **first place**. **Irfan Ron and Vinuth A D** followed closely, their fluid synergy securing **second place** in a series of close calls and clutch revivals. **Aditya Deshmukh and M Rohan** claimed **third place** with steady, impressive gameplay that kept the audience on edge. With kill streaks, surprise ambushes, and dramatic finishes, Battlezone Bash proved that digital sports are every bit as thrilling as real-world ones.



Sketch Strokes



Pencil Sketch Competition- On May 7th, 2025, Sketch Strokes brought a serene yet intense artistic spirit to campus, proving that a pencil in the right hands is a powerful storytelling tool. Participants were given a surprise theme and just two hours to interpret it through shading, strokes, and silent concentration. Each sketch told its own story—some abstract, some deeply personal—and the room, though hushed, was filled with creative energy.

The event drew praise not only for the incredible technical skill on display but also for the emotional depth artists were able to convey without color or sound. Judges appreciated the thoughtful composition and originality, making Sketch Strokes a true celebration of visual minimalism and expressive artistry.



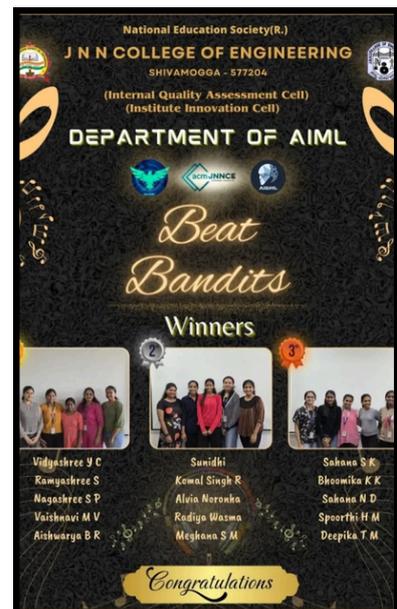
Beat Bandits



Music Game Show- The Placement Seminar Hall turned into a buzzing soundstage on **May 14th** as Beat Bandits brought music lovers to their feet with its fast-paced, fun-filled format. This wasn't just a music quiz—it was a battle of rhythm, memory,

and musical intuition. Teams raced to recognize tunes, complete iconic lyrics, and conquer genre-spanning trivia rounds that kept both participants and the crowd grooving.

Vaishnavi and her team struck all the right chords to take home **first place** with near-flawless responses and coordination. **Radiya's team** kept things tight, finishing strong in **second**, while **Deepika's team** earned **third** with infectious energy and an impressive command of musical knowledge. The event struck a perfect note between entertainment and competition, making it a standout of the cultural lineup.



Students' Achievements

SHE SECURE 2025: A NATIONAL LEVEL HACKATHON EMPOWERING THROUGH INNOVATION

The Department of Artificial Intelligence and Machine Learning at Jawaharlal Nehru New College of Engineering (JNNCE), Shivamogga, successfully hosted SHE Secure 2025, a national-level 24-hour virtual hackathon held on May 17th and 18th, 2025. The event was designed to encourage innovative and technology-driven solutions focused on women's safety and empowerment, aligning with the core themes of Safety, Hope, and Empowerment (SHE). Organized in collaboration with Hack2Skill (H2S) as the platform partner, the hackathon

received enthusiastic participation from across the country. Over 60 teams registered, showcasing their creativity and problem-solving abilities. Following a rigorous screening process, 35 teams were shortlisted for the final round – including several talented teams from JNNCE, bringing pride to the institution.

The event featured a ₹30,000 cash prize pool, along with exclusive participation kits, giveaways, and internship opportunities for standout performers. These incentives encouraged the development of impactful projects using AI/ML and emerging technologies.

The hackathon was spearheaded by Dr. Chetan K R, Professor & Head of the Department of AI & ML, and coordinated by Dr. Ashwini J P and Prof. Ranjan V, whose efforts ensured a smooth and successful event. SHE Secure 2025 provided students with a valuable platform to apply their skills, contribute to a social cause, and enhance their resumes with real-world experience.



“STUDENTS’ ARTWORKS”



Aishwarya R



Bhuvan GR



Sinchana K



Jyothi Matad



Amrutha KS



Sunidhi



Manoj Patil



Vinay Raj V



Radiya Wasma