



# TECH OZRIC

MAGAZINE

Volume:7 Issue No:1

**ADVANCING KNOWLEDGE  
THROUGH TECHNOLOGY**

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**KGISL INSTITUTE OF TECHNOLOGY, COIMBATORE – 641035**



# TECH OZRIC MAGAZINE

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DEPARTMENT OF INFORMATION TECHNOLOGY



## VISION

To produce Competent Graduates suitable for Industry and Organization in the field of Information Technology by providing industry embedded learning with social responsibility.

## MISSION

- MD-1:** To accomplish an effective teaching learning process through innovative practices for empowering the graduates to face societal challenges.
- MD-2:** To enhance the proficiency of faculty members across various domains of information technology through skill development programs.
- MD-3:** To nurture IT professionals through the provision of essential infrastructure and facilities for effective learning.
- MD-4:** To attain research excellence in the field of information technology by instilling the values of self-directed learning and fostering creative thinking through collaborative partnerships with institutes and industries.
- MD-5:** To foster holistic student growth by engaging them in cocurricular and extracurricular activities.



## PROGRAM EDUCATIONAL OBJECTIVES (PEO'S)

- PEO1:** Demonstrate technical competence with analytical and critical thinking to understand and meet the diversified requirements of industry, academia and research.
- PEO2:** Exhibit technical leadership, team skills and entrepreneurship skills to provide business solutions to real world problems.
- PEO3:** Work in multidisciplinary industries with social and environmental responsibility, work ethics and adaptability to address complex engineering and social problems.
- PEO4:** Pursue lifelong learning, use cutting edge technologies and involve in applied research to design optimal solutions.: Exhibit technical leadership, team skills and entrepreneurship skills to provide business solutions to real world problems.

## PROGRAM SPECIFIC OUTCOMES (PSO'S)

- PSO1:** Develop and deploy software applications using advanced programming languages, data structures, and algorithms to address real-world IT challenges in areas such as system design, web development, and mobile computing.
- PSO2:** Design and manage IT-based business solutions by leveraging cloud computing, data analytics, and automation tools, demonstrating entrepreneurial capabilities in the IT services and product development sectors.
- PSO3:** Adapt to the dynamic IT industry by ethically embracing advancements such as artificial intelligence, cybersecurity, and blockchain, while contributing responsibly to societal, environmental, and organizational IT needs.





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## IT Final Year Student Migavel D Selected as TEDx Speaker at KGCAS

We are proud to share that **Migavel D**, a final-year student from the Department of Information Technology, has been selected as a **TEDx speaker at the prestigious TEDx KGCAS event**. This remarkable achievement stands as a testament to Migavel's outstanding talent, intellectual curiosity, and unwavering dedication. In their talk titled *"Thinking with Intelligence"*, Migavel will offer a fresh and insightful perspective, aiming to inspire and engage the audience with their thought-provoking ideas and personal journey. Migavel's selection as a TEDx speaker reflects not only academic excellence but also exceptional communication skills and confidence. We congratulate Migavel D on this notable accomplishment and look forward to the impact of their TEDx talk.



## Academic Achievement – Summer Analytics 2025

**Dharun Kumar S** of III Year B.Tech IT (23IT09) has secured a Top 10 Rank in Summer Analytics 2025 conducted by IIT Guwahati. Competing among 14,736 participants from across the country, he achieved an outstanding position through his dedication and exceptional analytical skills. This remarkable accomplishment brings pride to the department.



## Student Placement Achievements

The Department of Information Technology is proud to announce the recent placement successes of its final-year students, reflecting their dedication, technical competence, and commitment to excellence. **S. Nachammai**, a final-year IT student, has been successfully placed at **Hexaware Technologies**, bringing pride to the department through her hard work and perseverance. Adding to this success, **Asin Kriba** and **Ranjani Shree R. S.** have secured placement offers from **Aggregate Intelligence**, Chennai, marking a significant milestone in their academic journey. Furthermore, the department proudly congratulates **Ms. Kavipriya M**, IV Year IT (Batch 2025–26), on securing a



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placement at **Navigate Labs** with an impressive **annual package of 4.5 LPA**. Her achievement highlights her consistent academic performance, strong technical expertise, and focused efforts toward building a successful career in the IT industry. The department extends its heartfelt congratulations and wishes all the achievers a bright and successful professional future.



## **Guest Lecture on “Innovation-Driven Empowerment for a Global Future”:**

The Department of Information Technology, KGiSL Institute of Technology, organized a guest lecture on “**Innovation-Driven Empowerment for a Global Future**” on 16th September 2025 at Sir C V Raman Hall. Ms. Madhumithaa S R, Education & Training Consultant and Managing Director – Embiture Sharjah, UAE, addressed the students on the importance of innovation and global collaboration in shaping future careers. The session was coordinated by **Ms. R Shirley Josephine Mary**, Assistant Professor, IT, with the support of **Dr. Palani K**, Professor & Head, IT. The event inspired students to embrace innovation and think globally.





## Industrial Visit to Spectrum Soft Tech Solutions:

On 20th September 2025, II Year IT students from KGiSL Institute of Technology visited Spectrum Soft-Tech Solutions Pvt. Ltd., Ernakulam. The visit offered practical exposure to industry workflows and emerging technologies, enhancing their academic learning with real-world insights.



## Student Participation in Toastmasters Event:

Students D. Migavel (IV IT), Shajitha S (III CSE), Boobesh Kumar (III CSE), and Aishwarya (III ECE) proudly represented our institution at a Toastmasters event held on 11th September 2025 at Bosch, KGiSL SEZ, Coimbatore. The session was based on the theme “College Life vs Corporate Life” and provided students with a valuable platform to enhance their communication and public speaking skills.



## Runner-Up – Hackspora 2025

Dharun Kumar S, Pooja K, Giridhar K. R., and Subashree S of III Year IT won the Runner-Up position in Hackspora 2025 at Karpagam College of Engineering, Coimbatore, earning a ₹3,000 cash prize and certificates for their innovative project. Their performance showcased strong technical skills and teamwork.

## Cloud Computing: The Backbone of Modern IT

*Article by S.Supriya*

Cloud computing has quietly become a part of our everyday digital lives. Whether we are storing photos, attending online classes, or using mobile applications, cloud technology works behind the scenes to make everything accessible and reliable. At its core, cloud computing allows users to access



computing resources such as servers, storage, and applications over the internet, instead of depending on expensive and complex physical systems.

One of the biggest reasons cloud computing is widely adopted is its **scalability**. Organizations can easily adjust their resources based on demand, ensuring smooth performance even during peak usage. Along with this, the **cost-effective** pay-as-you-use model helps businesses save money by paying only for what they need. This makes cloud services attractive not only to large enterprises but also to startups and small businesses.



Cloud computing also offers great **flexibility and convenience**. Data and applications can be accessed anytime and from anywhere, making remote work and global collaboration simple and efficient. This accessibility has become especially valuable in today's connected and fast-paced digital world.

The major service models—**Infrastructure as a Service (IaaS)**, **Platform as a Service (PaaS)**, and **Software as a Service (SaaS)**—have changed the way software is built and delivered. Developers can create applications faster, organizations can deploy solutions easily, and users can enjoy software without worrying about installation or maintenance.

In simple terms, cloud computing supports innovation by reducing technical barriers. As technology continues to evolve, the cloud will remain a strong foundation driving the future of modern IT systems.

## Impact of AI-Driven Fake News

Article by S.Praveena



Artificial Intelligence has made sharing information easier than ever, but it has also made spreading fake news more dangerous. With AI tools, false stories, images, and even videos can be created to look and sound real. This makes it hard for people to tell what is true and what is not, especially on social media.

The impact of AI-generated fake news is serious. It can mislead the public, influence opinions, and create unnecessary fear or confusion. In areas like politics, health, and finance, fake information can lead people to make wrong decisions with real-world consequences. Over time, constant exposure to such misinformation reduces trust in genuine news sources and weakens confidence in digital platforms.

Fake news powered by AI doesn't just spread quickly and convincingly. To control its impact, people must learn to verify information, think critically, and use technology responsibly. At the same time, ethical AI practices and strong fact-checking systems are essential to protect truth in the digital age.



## School for Robots: Beijing Launches Advanced Training Facility: Short Bytes

Source: <https://en.people.cn/n3/2025/1223/c90000-20405834.html>



China's launch of a humanoid robot training center in Beijing marks a major step toward the future of embodied artificial intelligence. Designed like a "school" for robots, the facility recreates real-world environments such as factory floors and household spaces. Here, humanoid robots repeatedly practice tasks like sorting, packing, cooking, cleaning, and material handling. These training zones are modular, allowing rapid

reconfiguration to simulate diverse industrial and domestic scenarios. Through thousands of repetitions, robots achieve high precision, generating massive datasets that continuously improve AI models.

Together with Shanghai's Kylin Training Ground, this initiative signals China's ambition to dominate global robotics innovation. The focus is not only on industrial automation but also on consumer services, logistics, healthcare support, and human-robot collaboration. However, it also raises important questions around workforce displacement, ethical deployment, and long-term societal impact.

For **India**, this development opens significant **business opportunities**. With its strong IT ecosystem, India can play a key role in **robot software development, AI model training, simulation platforms, and data analytics**. Indian startups and MSMEs can collaborate in building digital twins, cloud-based robot training environments, and low-cost perception systems tailored for emerging markets.

Manufacturing hubs under initiatives like **Make in India** can adopt humanoid robots for repetitive and hazardous tasks, improving productivity and safety. Sectors such as logistics, warehousing, healthcare assistance, hospitality, and smart homes offer promising adoption avenues. Additionally, India can emerge as a global hub for **ethical AI frameworks, human-robot interaction research, and workforce reskilling programs**.

By combining affordability, software expertise, and a large talent pool, India has the opportunity not just to adopt humanoid robotics—but to shape its responsible and inclusive future.





# **RUN BEFORE YOU CRAWL**

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