Ambalika Technical Magazine



CA look at the tech poised to upend what we do and how we do it

WHERE INTELLIGENCE MEETS CONNECTION



Issue month:

July 2025



VISION AND MISSION

MESSAGE FROM HOD

WHAT IS AIOT? HOW DOES IT WORK?

WHY IT MATTER?

SMART CITY AND TRANSPORT

FACTORY AUTOMATION

HEALTHCARE

SMARTHOUSE

AGRICULTURE RETAIL AND SUPPLYCHAIN FUN AND OUT OF THE IDEA SUMMARY **EDITIOR VIEW CHIEF EDITORS** AMBALIKA TECHNICAL MAGAZINE | 3







DEPARTMENT

VISION & MISSION

Amablika Institute of Management & Technology

Vision

To nurture students to the global standards in quality of education, research, and development in information technology by adapting to the rapid technological advancement & infusing moral values.

Mission

- 1. To produce technologically competent and ethically responsible graduates
- 2. To take up research in collaboration with professional societies to make the nation a knowledge-power
- 3. To nurture extra-curricular skills and ethical values in students to meet the challenges of building a strong nation

PROGRAM EDUCATIONAL OBJECTIVES



PEO 1: To prepare our students to find suitable employment commensurate with their qualification.

PEO 2: To create good entrepreneurs who may contribute to the nation building and generate job opportunities for others.

PEO 3: To develop proficiency in students for higher studies and R & D for the solution of complex problems for betterment of the society.

PEO 4: To develop students as responsible citizens with high moral and ethical values who can become asset to a vibrant nation.

PROGRAMOUTCOMES

PO 1: ENGINEERING KNOWLEDGE: APPLY THE KNOWLEDGE OF MATHEMATICS, SCIENCE, ENGINEERING FUNDAMENTALS, AND AN ENGINEERING SPECIALIZATION TO THE SOLUTION OF COMPLEX ENGINEERING PROBLEMS.

PO 2: PROBLEM ANALYSIS: IDENTIFY, FORMULATE, REVIEW RESEARCH LITERATURE, AND ANALYZE COMPLEX ENGINEERING PROBLEMS REACHING SUBSTANTIATED CONCLUSIONS USING FIRST PRINCIPLES OF MATHEMATICS, NATURAL SCIENCES, AND ENGINEERING SCIENCES.

PO 3: DESIGN/DEVELOPMENT OF SOLUTIONS: DESIGN SOLUTIONS FOR COMPLEX ENGINEERING PROBLEMS AND DESIGN SYSTEM COMPONENTS OR PROCESSES THAT MEET THE SPECIFIED NEEDS WITH APPROPRIATE CONSIDERATION FOR THE PUBLIC HEALTH AND SAFETY, AND THE CULTURAL, SOCIETAL, AND ENVIRONMENTAL CONSIDERATIONS.

PO 4: CONDUCT INVESTIGATIONS OF COMPLEX PROBLEMS: USE RESEARCH-BASED KNOWLEDGE AND RESEARCH METHODS INCLUDING DESIGN OF EXPERIMENTS, ANALYSIS AND INTERPRETATION OF DATA, AND SYNTHESIS OF THE INFORMATION TO PROVIDE VALID CONCLUSIONS

PO 5: MODERN TOOL USAGE: CREATE, SELECT, AND APPLY APPROPRIATE TECHNIQUES, RESOURCES, AND MODERN ENGINEERING AND IT TOOLS INCLUDING PREDICTION AND MODELING TO COMPLEX ENGINEERING ACTIVITIES WITH AN UNDERSTANDING OF THE LIMITATIONS.

PO 6: THE ENGINEER AND SOCIETY: APPLY REASONING INFORMED BY THE CONTEXTUAL KNOWLEDGE TO ASSESS SOCIETAL, HEALTH, SAFETY, LEGAL AND CULTURAL ISSUES AND THE CONSEQUENT RESPONSIBILITIES RELEVANT TO THE PROFESSIONAL ENGINEERING PRACTICE.

PO 7: ENVIRONMENT AND SUSTAINABILITY: UNDERSTAND THE IMPACT OF THE PROFESSIONAL ENGINEERING SOLUTIONS IN SOCIETAL AND ENVIRONMENTAL CONTEXTS, AND DEMONSTRATE THE KNOWLEDGE OF, AND NEED FOR SUSTAINABLE DEVELOPMENT.

PO 8: ETHICS: APPLY ETHICAL PRINCIPLES AND COMMIT TO PROFESSIONAL ETHICS AND RESPONSIBILITIES AND NORMS OF THE ENGINEERING PRACTICE

PO 9: INDIVIDUAL AND TEAM WORK: FUNCTION EFFECTIVELY AS AN INDIVIDUAL, AND AS A MEMBER OR LEADER IN DIVERSE TEAMS, AND IN MULTIDISCIPLINARY SETTINGS.

PO 10: COMMUNICATION: COMMUNICATE EFFECTIVELY ON COMPLEX ENGINEERING ACTIVITIES WITH THE ENGINEERING COMMUNITY AND WITH SOCIETY AT LARGE, SUCH AS, BEING ABLE TO COMPREHEND AND WRITE EFFECTIVE REPORTS AND DESIGN DOCUMENTATION, MAKE EFFECTIVE PRESENTATIONS, AND GIVE AND RECEIVE CLEAR INSTRUCTIONS.

PO 11: PROJECT MANAGEMENT AND FINANCE: DEMONSTRATE KNOWLEDGE AND UNDERSTANDING OF THE ENGINEERING AND MANAGEMENT PRINCIPLES AND APPLY THESE TO ONE'S OWN WORK, AS A MEMBER AND LEADER IN A TEAM, TO MANAGE PROJECTS AND IN MULTIDISCIPLINARY ENVIRONMENTS.

PO 12: LIFE-LONG LEARNING: RECOGNIZE THE NEED FOR, AND HAVE THE PREPARATION AND ABILITY TO ENGAGE IN INDEPENDENT AND LIFE-LONG LEARNING IN THE BROADEST CONTEXT OF TECHNOLOGICAL CHANGE.



PROGRAM SPECIFIC OUTCOMES



PSO 1: Professional Skills: Attain the ability to design and develop hardware and software based systems, evaluate and recognize potential risks and provide creative solutions.

PSO 2: Successful Career and Entrepreneurship: Gain knowledge in diverse areas of IT and experience an environment conducive in cultivating skills for successful career, entrepreneurship and higher studies.

PSO 3: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.



MESSAGE FROM HOD

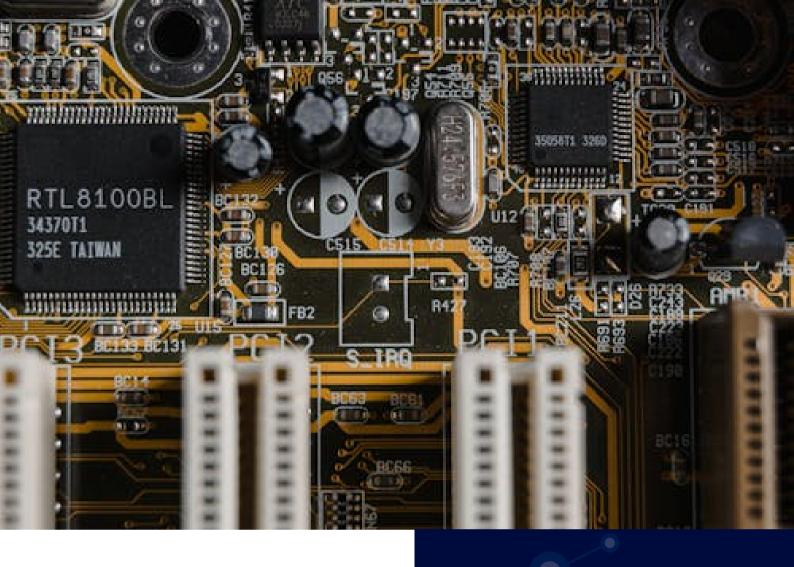
It gives me immense pleasure to pen a few words for the inaugural issue of our IT Department Technical Magazine. This publication is a reflection of the creativity, technical curiosity, and collaborative spirit of our students and faculty at Ambalika Institute of Management and Technology. The Department of Information Technology has always been at the forefront of innovation and excellence. In a rapidly evolving digital era, we strive to provide our students not only with strong academic foundations but also with the skills and mindset needed to tackle real-world challenges. With a blend of theoretical learning, hands-on practice, research, and industry exposure, our department nurtures future-ready professionals equipped for success in a dynamic tech landscape.

This magazine captures the vibrant academic and extracurricular life of our department—showcasing technical articles, student projects, achievements, research highlights, and creative contributions.



What Is AloT? How Does It Work?

AIoT—short for Artificial Intelligence of Things—is simply when everyday smart devices (like sensors or gadgets connected via the internet) don't just collect data but are also smart enough to understand and act on it. Think of a heart monitor that sends your pulse to the cloud, where AI spots a problem and alerts your doctor. IoT connects devices, and AI gives them the brainpower to make informed choices.



Imagine a world where your devices don't just send data—they think, decide, and act. That's the magic of AIoT, the fusion of Artificial Intelligence (AI) and the Internet of Things (IoT). This powerful partnership unlocks benefits that touch almost every corner of our lives.

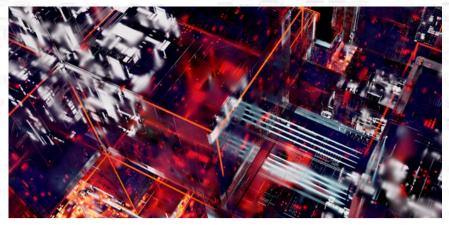
WHY IT MATTERS

MAJOR BENEFITS

Smarter Decisions, Faster Response

Traditional IoT devices collect informationtemperature like speed-then send checked. to be AloT, however, brings intelligence directly to the devices. They can spot patterns, predict problems, and make decisions right awaywithout waiting. Think of a factory sensor that notices unusual vibrations and shuts a machine down before it breaks, saving time and money. Real-time decision-making like this is what makes AloT irreplaceable.



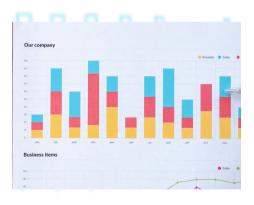


Big Wins in Efficiency & Productivity

By combining smart thinking with smart connections, AloT helps systems run smoothly. AI can analyze live sensor data to streamline operationscutting delays, reducing waste, and boosting productivity. For instance, factories with AloT detect issues on the production line immediately, while smart cities can adjust traffic signals on the fly to ease congestion.

Predictive Maintenance Saves the Day

Instead of fixing things after they break, AIoT systems anticipate failures before they happen. This allows for timely maintenance, preventing unplanned downtimes and expensive repairs. From industrial machinery to fleets of vehicles, predictive maintenance extends equipment life and keeps operations running smoothly





AIoT is quietly transforming cities. Sensors and cameras gather real-time updates on traffic, garbage bins, and streetlights—and AI figures out the best response. Traffic signals adapt automatically, parking apps guide you to empty spots, and trash routes adjust to who needs a pickup In transportation, data is used by vehicles and roads to work together—like cars alerting each other about congestion or even weather conditionsto increase safety and fluidity

SENSING THE CITY IN REAL TIME

Imagine cities with invisible antennas—tiny sensors hidden in streetlights, roads, and vehicles—that send information about traffic, parking, air quality, and more. AIoT stitches this information together, turning raw data into smart actions. For instance, smart meters,

road sensors, and cameras work together with AI to help city managers make faster, smarter decisions.

LIGHTS THAT LEARN AND ROADS THAT RESPOND

AIoT can adjust streetlights automatically—brightening pathways when people or vehicles approach, then

dimming them when it's quiet
—saving energy while keeping
things safe. Traffic lights, too,
go on autopilot: they monitor
traffic in real time, and AI
changes the signal timings to
keep cars moving smoothly.
Cities using such systems have
seen major drops in travel
delays.

SENSING THE CITY IN REAL TIME

AIoT cuts down the frustrating search for parking. Sensors spot empty spots and guide drivers right to them. In Columbus, Ohio, for instance, AI systems use camera data to pinpoint open parking and help direct drivers faster. Animated maps help reduce traffic caused by circling cars.

ROADS THAT THINK AND TALK

The dream of self-driving cars becomes more real with AIoT. Vehicles can talk to nearby cars and traffic signs, sharing info like speed or upcoming hazards. This interconnected "Vehicle-to-Everything (V2X)" system boosts safety—for example, alerting drivers to blind spots or roadwork ahead.



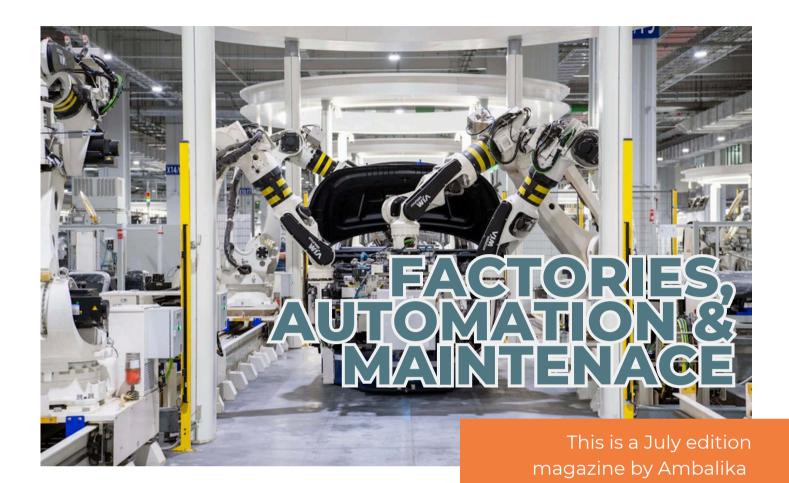
PUBLIC TRANSIT THAT ADAPTS

AIoT brings real-time updates to buses, trains, and trams. Riders get accurate arrival estimates, while AI reshuffles bus schedules based on how packed they are. This builds trust in public transport and eases traffic overall.

SMARTER CITY PLANNING

All these sensors and smart systems feed rich data back to city planners. They can spot traffic patterns, environmental trends, or infrastructure needs and plan better roads or transit solutions. It's like giving city engineers a high-powered GPS for future development.

Cities like Amsterdam and Barcelona are already rolling out such AIoT-driven projects—like green-wave traffic signals, flexible street lighting, and smart parking apps to ease congestion and save energy.



"Factories, Automation & Maintenance" — Deep Dive into AloT

1. The Shift to Smarter Factories with AloT

AloT isn't just a buzzword—it's a game changer for factories. By bringing AI and IoT together, manufacturing facilities become self-aware environments: sensors continuously gather live data (temperature, vibration, pressure, etc.), AI analyzes that data, and smart decisions are made automatically to improve production. This reduces waste, prevents equipment failures, and ensures smoother, safer factory operations.

2. From Reactive to Predictive Maintenance

Traditional maintenance methods either fix issues after they happen (reactive) or conduct routine checks regardless of need (preventive)—both are inefficient and costly. AIoT, however, enables predictive maintenance, where sensors detect early warning signs—like slight vibrations or rising

temperatures-and AI predicts when maintenance should be done. This prevents unexpected breakdowns. reduces downtime, and extends the lifespan of machinery.

3. Quality and Automation Improvements

IT Department

AloT doesn't just fix machines—it delivers quality. Real-time sensor and vision systems catch defects early, ensuring consistent standards and reducing dependence on manual quality checks.

HEATHCARE: SMART & **FASTER**

Remote patient monitoring (RPM) -

continuous care from home. Tiny wearables (smartwatches, patches, glucose monitors) and in-home sensors collect continuous data like heart rate, oxygen, activity, and sleep. AI analyzes those streams to spot trends or sudden problems and can send alerts to doctors or carers before a condition worsens. This lets people stay at home longer, reduces hospital visits, and supports chronicdisease care (for diabetes, heart disease, COPD). Recent studies and reviews show Al-enhanced RPM can detect deterioration earlier and improve remote clinical decision-making.





Smart hospitals & Asset Management

Hospitals use IoT tags (RFID, Bluetooth) and sensors to track equipment (IV pumps, ventilators, wheelchairs) and supplies in real time. AI dashboards show where items are, predict when devices need maintenance, and reduce the time staff spend searching for gear. Digitaltwin setups and temperature-monitoring sensors also protect cold-chain medicines and samples. These systems cut delays, lower equipment loss, and improve compliance.

Personalized Comfort & Automation

Smart thermostats, lights, and appliances learn your routine and adjust automatically—adapting to your temperature preferences, lighting needs, or even energy-saving schedules. These systems not only bring comfort but also reduce energy usage.

Behavior Monitoring for Early Clues

Non-intrusive monitoring—like observing patterns of water or electricity use—can indirectly reveal issues such as dehydration, reduced mobility, or behavioral changes, supporting early intervention while preserving privacy.

Health & Safety Monitoring at Home

Smart homes detect health-related signs and environmental hazards. For instance:

- Air quality sensors cleanse the air of pollutants that can cause irritation or respiratory issues.
- UV lights help disinfect surfaces to reduce germs.
- Fall detection systems and smart alerts assist elderly or vulnerable individuals by notifying caregivers during emergencies



Agriculture: Smart, Sustainable Farming with AloT



PRECISION FARMING & REAL-TIME MONITORING

AloT is transforming traditional agriculture into precision farming—where every action is data-driven. Sensors embedded in fields monitor soil moisture, pH, nutrient levels, and climate in real time. This continuous data lets farmers decide exactly when to water, fertilize, or harvest, improving crop health and yield while reducing waste



PREDICTING WEATHER, YIELDS, AND THREATS

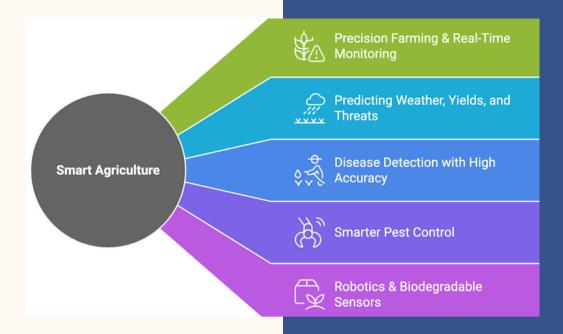
With AI processing sensor data alongside weather records, farmers can predict optimal planting and harvesting times, forecast yields, and anticipate threats like disease or pests. This proactive approach moves farming from quesswork to clear insights.

For example, simple mobile apps now allow farmers to identify plant diseases from a leaf photo, indicating early intervention while reducing costs and pesticide use



DISEASE DETECTION WITH HIGH ACCURACY

In India. researchers at IIIT-Allahabad developed an AloT solution that combines sensor data and crop imagery to detect diseases in maize and potatoes with an accuracy of up to 97.25%. The system runs locally (preserving data privacy) and will soon support mobile and regional-language use empowering even small-scale farmers..



Smarter Pest Control

AloT also helps detect pests early. A startup named Spotta developed pheromone-based IoT sensors that use AI to spot harmful insects (like the red palm weevil) up to three months earlier than traditional methods—leading to targeted pesticide use, cost savings, and safer farming.

Robotics & Biodegradable Sensors

Innovations in biodegradable sensors and autonomous ground/aerial robots are being developed at research centers like NSF's IoT4Ag. These tools relay real-time soil and crop data via cloud or 5G networks, enabling farmers to make quick, in-season decisions rather than just reacting after harvest.

AIoT helping ii Retail and supply

RETAIL & SUPPLY CHAIN: SMARTER, FASTER, MORE RELIABLE AIOT

Real-Time Inventory & Smart Shelving

Smart shelves and RFID tags equipped with IoT sensors keep constant tabs on stock levels and location. These systems instantly detect when products are missing, misplaced, or low in supply. They automatically update inventory databases and trigger restocking or reordering actions, reducing errors, overstock, and stockouts. Retailers using these technologies report 36% shorter lead times and 23% fewer stockouts.



Automated Warehousing & Robotics

Demand Forecasting & Smart Restocking

Al models analyze historical sales data, promotions, seasonality, and external factors forecast demand accurately-often forecasting 30-40%..This improving by enables just-in-time (JIT) replenishment, which cuts down on excess inventory (by up to 25%) and boosts stock turnover by 15%.



Smart warehouses powered by robots, conveyor systems, and camera tracking systems are reshaping order processing. For example, Coles in Sydney uses a huge AI-driven fulfillment center staffed by 700 robots, processing over 10,000 orders daily. Similarly, retailers such as Walmart and global fashion houses are adopting robotics and automation in their distribution networks to enhance accuracy and increase margins.



Automated Warehousing & **Robotics**

Smart warehouses powered by robots, conveyor systems, and camera tracking systems are reshaping order processing. For example, Coles in Sydney uses a huge Al-driven fulfillment center staffed by 700 robots, processing over 10,000 orders daily. Similarly, retailers like Walmart and global fashion houses are adopting robotics and automation in their distribution networks to increase accuracy and margins.

Frictionless Checkout & **Enhanced Shopping Experience**

AloT enables seamless customer experiences -think of Amazon Go stores where items are automatically scanned through IoT sensors, and payments occur as you walk out. Other retailers deploy smart mirrors, beacon systems, and AI-driven POS that offer personalized suggestions and streamline shopping.

Visibility & Logistics **Optimization**

From warehouse to doorstep, AloT brings full transparency. GPS-enabled tracking and IoT sensors monitor a product's location, temperature, humidity, and handling in real time -alerting staff to potential issues before damage occurs

FUN AND OUT-OF-THE-BOX IDEAS



BEYOND TYPICAL USE CASES, AIOT OPENS IMAGINATIVE POSSIBILITIES. HOW ABOUT **DRONES THAT MONITOR** TRAFFIC OR DELIVER **PACKAGES BY NAVIGATING SMARTLY? OR SURVEILLANCE CAMERAS** THAT ALERT STAFF IF **SOMEONE FORGETS THEIR SAFETY GEAR? THESE CREATIVE IDEAS SHOW HOW MANY EVERYDAY PROBLEMS CAN BE SOLVED** WITH A BIT OF AI AND CONNECTED TECH.

SMART FASHION — **WEARABLE TECH WITH PERSONALITY**

Imagine clothing that does more than just look good-it responds to you. Think jackets that act like touchscreens or garments that light up or shift colors based on your mood or surroundings.



Designers are beginning to blend textiles with sensors and AI to make fashion that's interactive and responsive. It's fashion that listens and responds.

INTERNET OF MUSICAL THINGS (IOMUST)

What if music and audience experiences got smarter? IoMusT envisions concerts with smart wearables—like glasses wristbands-that track movements or emotions in real time. Bands might adjust lighting, visuals, or even tempo based on the crowd's reactions. Or remote fans could customize their concert experience through virtual interfaces. making performances immersive and more interactive.

AIOT IN SPORTS & RACING

Sports is already getting a high-tech makeover. Formula 1 cars, for example, run dozens of sensors that collect data on speed, engine performance, and tire wear in real time—fed into AI systems to fine-tune strategy mid-race. It's like having a digital pit crew optimizing every turn.

SMART ASSISTIVE WEARABLES

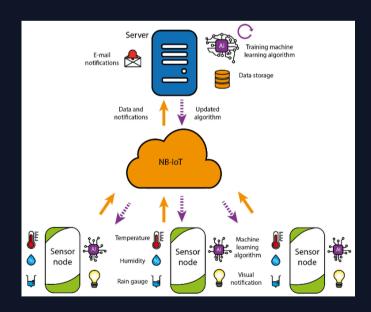
An eye-opening project: smart glasses developed for people with hearing loss. These glasses use AI-powered speech recognition to convert conversations into real-time text on a display. They also detect alerts—like sirens or car horns—using sound classifiers to keep users informed of important audio cues around them.

AIOT MEETS ENVIRONMENT — MONITORING FROM SPACE

Here's something wild: Al systems that watch for plastic pollution from space. Alpowered satellites and sensors form a planetary-scale observatory that detects illegal dumping or marine plastic hotspots, helping tackle environmental damage before it's too late.

PEST-DETECTING SMART TRAPS

This one feels futuristic—but it's real. Startups like Spotta are deploying Alenabled sensors in farms that attract and identify pests automatically. These sensors send live data to Al platforms, alerting farmers well before infestations get out of control. In Middle Eastern date farms, they've caught pests up to three months earlier than traditional methods, helping reduce pesticide use and protect workers.

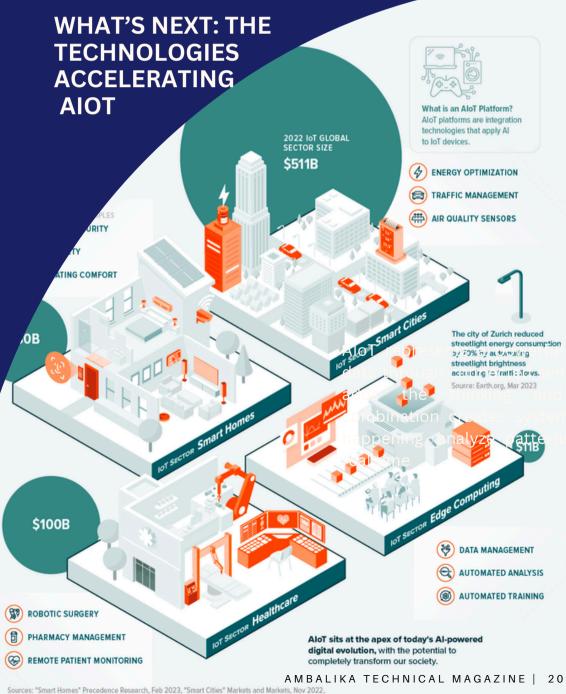


AIOT: WHERE DEVICES THINK & ACT

AloT represents a powerful fusion-loT provides the data through connected sensors and devices, while AI the thinking and decision-making. combination creates systems that can sense what's happening, analyze patterns, and take action-all in real time

AIOT: WHERE DEVICES THINK & ACT

This fusion is already shaping industries: traffic systems that optimize congestion, equipment that schedules maintenance before breakdowns, and smart homes that adjust to your habits. AloT is no longer futuristic—it's real, powerful, and accessible

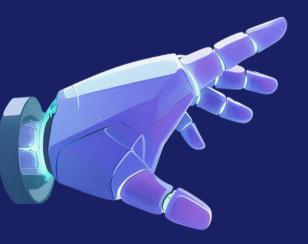


EDGE AI:

AloT represents a powerful fusion-IoT provides the data through connected sensors and devices, while AI adds the and decision-making. thinking combination creates systems that can what's happening, analyze patterns, and take action—all in real time

5G CONNECTIVITY:

With ultra-fast speeds, low latency, and massive device support, 5G networks empower real-time AloT actionswhether it's in cities, factories, or healthcare settings





EVOLVING AI MODELS:

With ultra-fast speeds, low latency, and massive device support, 5G networks real-time AloT empower actionswhether it's in cities, factories, or healthcare settings

WHY IT FEELS LIKE MAGIC:

Soon, your devices will:

- Recognize trouble before it happens (predictive maintenance).
- Sync your environment to your daily habits (smart living).
- Respond instantly with minimal delay (edge-loaded intelligence).
- Communicate smoothly and securely (thanks to 5G).

IT'S NOT JUST AUTOMATION—IT'S DEVICES UNDERSTANDING AND HELPING YOU IN SMARTER WAYS.



EDITOR'S VIEW

Student Editors

I'm thrilled to share this magazine with you, a testament to the incredible potential of AIoT. For me, AloT is the powerful force that brings technology to life, transforming abstract concepts into tangible solutions that improve our daily lives. Whether it's a wearable that monitors your health or an intelligent system that makes a city's traffic flow more smoothly, this technology is learning, adapting, and responding in real-time. Curating these articles—from the fundamental principles to the most groundbreaking applications—has reinforced my belief that AIoT will be a key driver of progress in everything from sustainability to healthcare. My hope is that this magazine not only informs you but also encourages you to dream up your own ways to shape this exciting future.



RISHU KESARWANI



SHUBHI SHARMA

As I pen down this magazine on AIoT, I'm filled with pride and excitement—not just as a reader, but as a young technologist shaping the future. For me, AloT isn't just jargon—it's the spark that ignites innovation in everyday life. From smart intersections that ease city traffic to wearables that predict health concerns, this fusion of AI and IoT shows how technology can understand, respond, and improve our world in real time. Through researching and curating articles—from foundational concepts to extraordinary applications—I've seen how AIoT empowers everything: sustainable farms, safer factories, intuitive healthcare, and even imaginative wearables that blend tech with creativity. This journey has deepened my resolve to pursue projects that bridge academics and real-world impact, balancing technical ingenuity with ethical awareness. I'm grateful to my peers, faculty, and teammates whose insights and collaboration have enriched this editorial mission. I hope this magazine awakens curiosity, sparks ideas, and inspires readers to explore how AloT can transform not just systemsbut lives.

Ambalika Technical magazine July 2025

CHIEF EDITORS

CHIEF EDITOR'S MESSAGE

It is with great pride and enthusiasm that I present to you the inaugural edition of our IT Department Technical Magazine. This magazine is a reflection of our department's vibrant academic spirit, technical excellence, and the ever-evolving curiosity of our students and faculty. In an era where technology is transforming every aspect of life, Information Technology stands at the core of innovation.

This magazine captures the voice of our department—our ideas, our projects, our research, and our aspirations. From thought-provoking articles on Cloud Computing in Business to insightful coverage of emerging technologies and student innovations, this publication offers a platform to showcase the immense talent and potential that reside within our academic community.

I take this opportunity to congratulate the entire editorial team, the contributing authors, and all the students and faculty members who worked diligently to bring this issue to life. This magazine will serve as a source of inspiration and knowledge for its readers.

CHIEF EDITOR'S MESSAGE

t brings me great pleasure to contribute to the inaugural edition of our IT Department Technical Magazine. This publication embodies the ingenuity, technical passion, and collaborative ethos that flourish within Ambalika Institute of Management and Technology. As we stand amid a digital era defined by rapid technological change, our Department of Information Technology remains steadfast in cultivating academic depth alongside practical readiness. We are committed to nurturing technically sound, innovative, and socially responsible professionals. Through a curriculum that blends theory with experiential learning, research initiatives, and real-world exposure, we aim to empower our students to meet and master the evolving demands of the tech landscape.

This magazine is more than a showcase—it is a testament to our community's vibrancy. Within its pages, you will encounter a diverse array of technical articles, standout student projects, research highlights, and creative expressions. It is a space where students and faculty alike can articulate their perspectives, aspirations, and breakthroughs in cuttingedge domains such as Network Administration, Cloud Computing, Cybersecurity, Database Management, Business Intelligence, and beyond.



THANKYOU!

