



Inside Out

Department of Information Science and Engineering

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“The art challenges the technology, and the technology inspires the art.”

- John Lasseter (Director)

Dear Readers,

It is indeed a pleasure to introduce the Inside Out Newsletter which we hope you will enjoy reading. We take this opportunity to thank all those who have contributed to this issue. The assistance provided by the Editorial Committee is highly appreciated. Here you have “INSIDE OUT”, the long-awaited NEWSLETTER of GAT-ISE for the AY 2024-2025. This is a platform that exhibits the skills and innovative ideas of students and teachers. The editorial team has striven hard in coordinating with the Department in bringing out this Newsletter. These contributions required a generous amount of time and effort. It is this willingness to share knowledge, concern, and special insight with people of common interest that has made this newsletter possible.

Vision and Mission of the Institute

Vision

- Become a premier institution imparting quality education in engineering and management to meet the changing needs of society.

Mission

- Create environment conducive for continuous learning through quality teaching and learning processes supported by modern infrastructure.
- Promote Research and Innovation through collaboration with industries.
- Inculcate ethical values and environmental consciousness through holistic education programs.

Vision and Mission of the Department

Vision

- To excel in teaching and research in the field of Information Science & Engineering to meet emerging challenges of society.

Mission

- To inculcate strong academic foundation in the Information Technology domain for successful career and lifelong learning
- To strengthen research and development activities through interaction with industry

It's indeed a matter of great satisfaction and pleasure to inscribe a few lines as Preface of the Inside Out, the newsletter of Dept. of Information Science and technology at Global Academy of Technology. Inside Out truly portrays all the flavors of the department encompassing academic, co and extra- curricular outcomes and achievements of both students and faculty members. ISE Dept @ GAT is galloping with zeal to uplift the department. Students get ample opportunities and platforms to exhibit their talent, sharpen their skills and acquire new ones. The research indices of the team also call for appreciation. The high placement record and the earned university ranks in recent times are testimony to the commitment, dedicated inputs and strategic outcomes by the students and the faculty members of the department. I hope Inside Out continues to capture happenings, highlight achievements, and brings out creativity in the team members behind the good show. Wishing the team and the newsletter all the success in future endeavors. Keep rolling the good work!

Department Profile

The Department of Information Science & Engineering that started in the year 2001 is known for imparting quality education and carrying out cutting edge research. In addition to the strong UG program and research facilities for M.Sc. (Engg) and Ph.D. courses are also offered. The Department has a well-equipped R&D Centre and is currently headed by Dr. Kiran Y C.

The Department is associated with professional bodies like Computer Society of India and Indian Society for Technical Education. Major areas of specialization of the faculty include Machine Learning, Image Processing, Computer Vision, Pattern Recognition, Data Mining, Wireless Sensor Networks and Network Security. The Department has attracted some of the brightest students and faculties to its portal. Faculties are involved in the Campus Connect Program of Infosys, and they are reviewers of reputed National and International Journals and have chaired National and International Conferences.

The Department regularly organizes Faculty Development Activities, workshops, technical talks and industrial visits for students as well as faculties so that they are abreast of recent trends. The students are placed in leading IT companies with handsome pay packages. They also pursue higher studies in reputable universities across the globe.

ARE WE THE PROTAGONISTS OF OUR OWN CYBERPUNK DYSTOPIA?

“A FUTURE WHERE HUMANS AND MACHINES MERGE—ONCE SCI-FI, NOW CLOSER TO REALITY THAN EVER. BUT WILL IT BE A UTOPIA OR A CYBERPUNK DYSTOPIA?”

With Elon Musk recently announcing the 3rd successful Neuralink human trials, I couldn't help but fathom—**“HOW CLOSE ARE WE TO A CYBERPUNK REALITY?”**

For those wondering what it means to be cyberpunk, let me put it simply: It's a world drenched in neon lights, where towering skyscrapers glow against the night sky, and powerful corporations pull the strings of society. A reality where human bodies are no longer just flesh and bone but seamlessly fused with cybernetic enhancements.

We're not quite there yet, but with technological innovations advancing at a pace that defies expectations—turning what once seemed like science fiction into reality—we might be closer than we think. And as we grow increasingly dependent on technology, enslaved by the very systems we created, I can't help but wonder—**Are we already living in some kind of simulation, waiting for the neon-soaked dystopia to unfold?**

To give a clear understanding of why I'm comparing today's technological advancements to a sci-fi cyberpunk world, let me narrate a short sci-fi story.

Imagine a city where the wealthy live high above in towering skyscrapers, while the less fortunate struggle to survive in the streets below. A world where bodies are no longer just flesh and bone but a fusion of metal and circuits, pushing human limits beyond imagination.

Yes, this is the story of Cyberpunk: Edge runners—an anime set in the world of Cyberpunk 2077, a video game that envisions a dystopian future ruled by technology and corporations. But the real question is—will we reach that reality by 2077?



David Martinez was just another kid trying to make it in this ruthless world—until he stumbled upon a piece of military-grade cyberware. In an instant, his life changed forever, granting him unimaginable speed, strength, and a fighting chance. But in Night City, power always comes at a price. As David enhances his body, he unknowingly sacrifices something far more valuable—his humanity. Beyond the dangers of cybernetic overuse, another threat persists—corporate wars. Mega corporations control the flow of technology, battling for dominance in a world where innovation is a weapon. And with every upgrade, there's another risk—the data flowing through his cybernetic implants isn't just his own. It can be hacked, manipulated, and even weaponized against him.

But this isn't just fiction. With brain-computer interfaces like Neuralink advancing rapidly, we're already seeing the rise of real-world cybernetics. And just like in Night City, Neuralink isn't alone—there are competitors, and the race for dominance in human augmentation has already begun. This is just a glimpse into a future where technology isn't just a tool but a way of life, a weapon, and, for many, a curse. The question is—how far are we from this becoming our reality? As we push the boundaries of human-machine integration, are we headed toward a technological utopia or a cyberpunk dystopia?

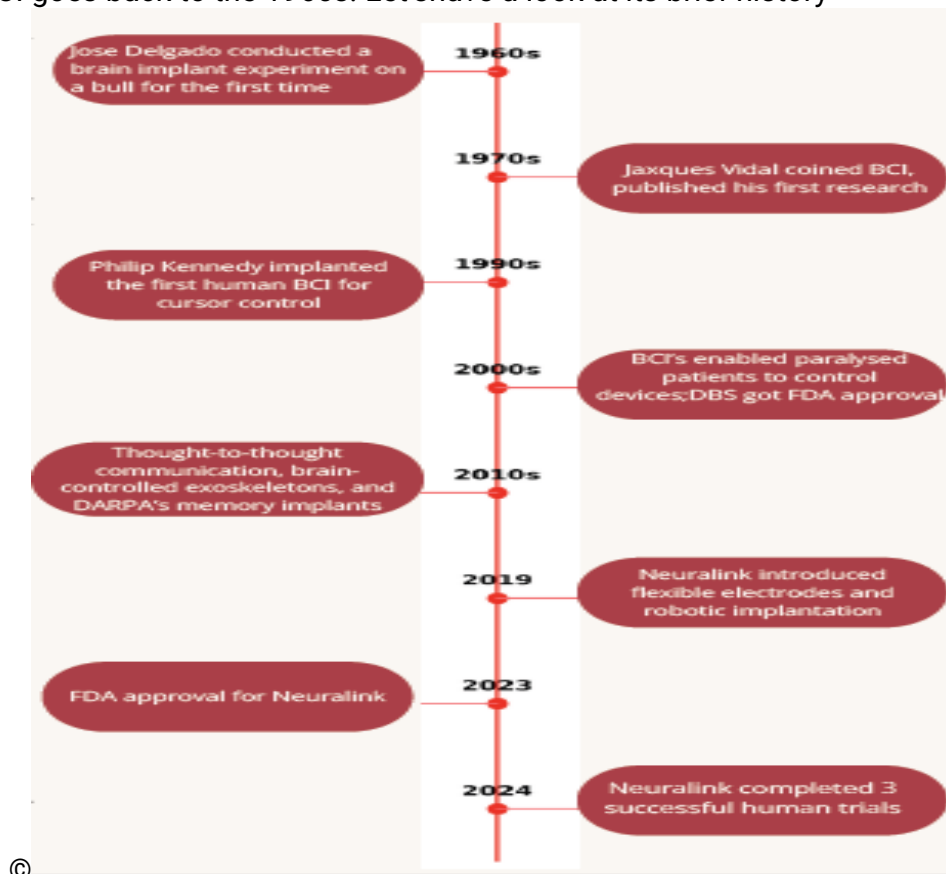
While cyberpunk may still feel like fiction, one technology is pushing us closer to that reality—**Brain-Computer Interfaces (BCIs)**. Elon Musk's brain-chip startup is making strides in merging humans with machines, promising a future where thoughts control devices, and disabilities could be overcome with technology.

"Neuralink isn't just another tech startup—it's an attempt to merge human minds with machines. But how exactly does it work, and how far has it come?"

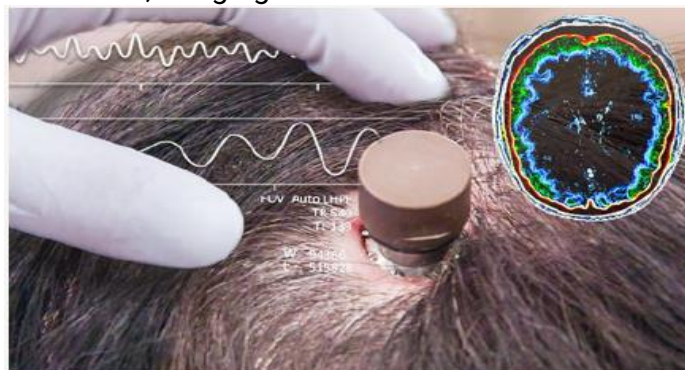
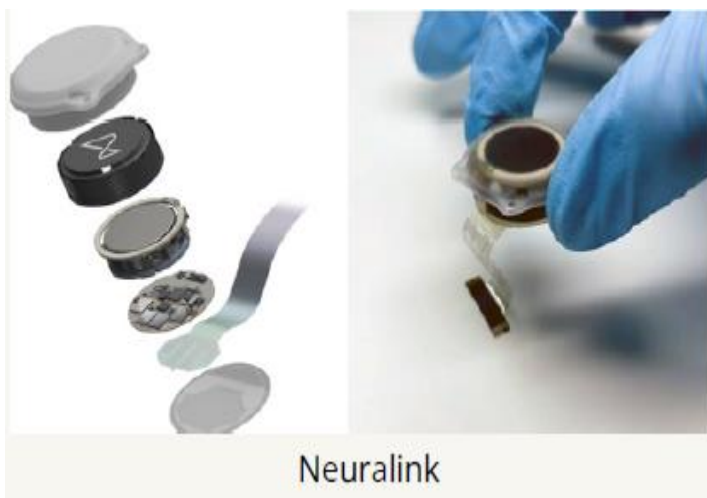
LET'S FIND OUT!

A Brain-Computer Interface is a direct communication system that involves a chip surgically implanted by a robot, with ultra-thin threads connecting it to a patient's brain. This technology enables control of computers, mobile devices, or robotic limbs through thoughts—essentially a form of telepathy. BCIs are designed to restore mobility in paralyzed individuals, treat neurological disorders, and enhance human abilities.

The timeline of BCI goes back to the 1960s. Let's have a look at its brief history-



Fast forward to today—Neuralink, founded in 2016 by Elon Musk, has transformed the field with flexible electrode threads, robotic implantation, and successful human trials, bringing BCIs closer to mainstream use.



Currently, Neuralink has successfully implanted BCIs in three human patients, demonstrating promising results.

HOW EXACTLY DOES NEURALINK WORK?

Neuralink's N1 implant captures neural activity using 1,024 electrodes spread across 64 ultra-thin, flexible threads—each finer than a human hair. These threads are precisely implanted into the brain's cortical surface by a specialized surgical robot, ensuring minimal tissue invasion.

NEURALINK HUMAN CLINICAL TRIALS

Patient I

In January 2024, Noland Arbaugh became Neuralink's first human trial participant after suffering a spinal cord injury from a swimming mishap. The N1 implant was placed in his brain to enable wireless communication between his neural activity and external devices. His recovery was swift, and he was discharged the day after surgery with no cognitive complications. With the implant, Arbaugh could operate a computer cursor using only his thoughts, allowing him to browse the internet, play strategy games like Civilization 6 and chess, and study languages such as French and Japanese. However, after about three weeks, some of the implant's functions began to decline due to signal loss caused by the retraction of thin electrode threads in his motor cortex. Neuralink addressed the issue with software updates, which helped restore some lost functions.

Patient II

In August 2024, Neuralink implanted its BCI into its second patient, Alex, who had a spinal cord injury from a car accident. Within minutes of surgery, he controlled a computer cursor using only his thoughts. With his newfound ability to control a computer using Telepathy, Alex now creates 3D designs with CAD software and works on graphics in Adobe Illustrator. He has used these skills to develop hardware and create advertisements for his family's business. Recently, he has also started learning to code Arduino projects. To improve from its first implantation, Neuralink refined its surgical approach to minimize brain movement and prevent thread retraction. Since the procedure, Alex has had no complication and sees the device as a key step toward regaining independence. Alex is also a part of Convoy study for assistive robot arms which enables paralyzed patients to control assistive devices through BCI.

Patient III

In late 2024, Neuralink's third BCI trial participant Brad, has late-stage ALS, leaving him unable to speak or move any part of his body except his eyes and the corners of his mouth. Before receiving the implant, he relied on an eye tracker to communicate, but its limitations in bright environments confined him to dimly lit indoor spaces. With the Neuralink implant, Brad can now type using an on-screen keyboard in various settings, allowing him to communicate freely without depending on an eye tracker. This has enabled his family to keep their home well-lit and given Brad the freedom to go outdoors and engage in conversation with people. These are the developments in Neuralink so far. Neuralink aims to implant brain chips in 11 people in 2025 and ultimately over 22,000 by 2030.

"What is The Future of Humanity in The Age of Cybernetic and Human Augmentation?"

The fusion of technology with the human body is no longer just an idea from science fiction—it's happening now. Exoskeletons, once limited to futuristic imagination, are actively being developed to aid mobility, assist in rehabilitation, and enhance physical strength in industrial and military settings. These external devices represent the initial phase of expanding human capabilities, but as technology shifts from wearables to implantable devices, the boundary between human and machine begins to blur.



A brain controlled exoskeleton allowing a paralyzed man to walk

So far, progress seems promising—but what about the future? If brain implants evolve to enable direct human-to-human telepathic communication, how secure would this technology be? Would our thoughts remain private, or could they be intercepted, manipulated, or even hacked? Beyond security risks, what long-term effects might these implants have on the human brain and overall health? While we don't yet have definitive answers, these concerns are becoming increasingly relevant as we step further into a cybernetic age. Will the future see cybernetic enhancements replacing human body parts? If so, where do we draw the line—when do we stop being human and become something else entirely?

These advancements are designed to restore lost functions, treat diseases, and push human potential beyond natural limits, but could they also erode what makes us fundamentally human? If our thoughts can be altered, transferred, or even rewritten, what happens to concepts like identity, individuality, and even the soul? Are we evolving into something more advanced, or are we simply accelerating our own obsolescence? Are these advancements pushing humanity forward, or are they leading us into a silent battle against ourselves? As we merge more deeply with machines, are we creating a world without suffering and limitless potential, or are we walking into an era where our essence is lost to circuits and code? If technological progress comes at the expense of what makes us human, is it truly progress—or something else entirely? At this critical turning point, the choices we make will define what it means to be human in a world dominated by technology. Will these breakthroughs empower us, or will they gradually strip away our individuality, privacy, and autonomy? The future remains unwritten, and perhaps the real question is not whether we can push these boundaries—but whether we should, and at what cost. Now, the big question is, if cybernetic implants could give you superhuman abilities—enhanced strength, intelligence, speed, or even immortality—would you take them? If these enhancements became accessible to everyone, would humanity still be the same? Would you embrace a world of limitless potential, or would you cling to what makes us human? As we stand on the edge of this new era, the choices we make will shape the future of human identity itself. As Elon Musk himself said in an interview, "If someone has lost their arms or legs, we could attach an Optimus arm or Optimus legs—you'd have basically cybernetic superpowers." With technology evolving at an unprecedented pace, is this future closer than we think? It's a thought-provoking question—one that leaves us with no choice but to ponder, to speculate, and ultimately, to wait and see how this unfolds.

Event Report

Sl. No	Activity Description	Duration	Dates
1	Block chain Technologies and Its Applications: It explores how block chain ensures security, transparency, and immutability of data. Applications discussed include cryptocurrencies, supply chain management, healthcare records, voting systems, and smart contracts. The session also touches on current trends like permissioned block chains and challenges such as scalability and regulatory concerns.	1 Day	16th July 2024
2	Value Added Program on React JS: This program focuses on React JS, a popular JavaScript library for building dynamic and responsive user interfaces. Participants learn about React core concepts such as components, state management, hooks, and routing.	5 Days	26th ,27th July 2024 ,8th ,9th ,10th August 2024
3	Quantum Computing and Its Application: This topic introduces the principles of quantum computing, leveraging quantum mechanics to perform computations beyond the capabilities of classical computers.	1 Day	20th August 2024
4	Tech Talk on Build AI on No code Tool : Building an AI chatbot that can interact with customers and answer their queries across platforms like WhatsApp, Facebook, and websites is achievable through the integration of conversational AI technologies with APIs and messaging services.	1 Day	11th Nov 2024
5	EPIC QUEST: 'Epic Quest' focuses on enhancing participants' aptitude, logical thinking, and soft skills development in a fun and engaging manner. The event aimed to build key competencies such as teamwork, communication, problem-solving, decision-making, and leadership.	2 Days	25th & 26th Nov 2024

6	A Session on Early Career Grooming: The proposed session covered essential topics such as, Understanding different types of interviews, Crafting effective resumes and cover letters, Developing strong interview techniques and strategies, Building confidence and overcoming interview anxiety. This session aimed at equipping students with the necessary skills and confidence to excel in job interviews.	1 Day	5th Dec 2024
7	Insight on Pursuing Higher Education at Durham University: Durham University is a collegiate university in the UK with a strong reputation for academic excellence and a rich history. It's known for its beautiful location, diverse academic offerings, and vibrant student life, encompassing both academic pursuits and extracurricular activities. The university is structured around academic departments and 17 colleges, which contribute to the unique student experience.	1 Day	6th Dec 2024
8	An Insight Hour on Interview Ready (Skills to Stand Out and Succeed) : The session aimed to enhance employability and prepare students for job interviews	1 Day	17th Dec 2024
9	Six-Day ATAL Online Faculty Development Programme (FDP)on Quantum Computing and its Applications: This six-day ATAL (AICTE Training and Learning) Online Faculty Development Programme is designed to introduce faculty members to the foundational concepts and practical applications of Quantum Computing. The programme covers key topics such as quantum mechanics principles, quantum algorithms, quantum hardware, and quantum cryptography.	6 Days	9th-17th Dec 2024
10	Tech Talk on Power BI: Session aimed to provide a thorough grasp of Power BI, its capabilities, and its importance in the realms of business intelligence and data analysis. The lecture focused on how Power BI allows users to analyse data, develop smart visualizations, and make data-driven decisions across multiple disciplines.	1 Day	8th Jan 2025

11	Talk on Green Internship – 1M1B” on 1M1B Green Skills Academy Internship through salesforce: The 1M1B Green Skills Academy Internship, supported by Salesforce and the All India Council for Technical Education (AICTE), is a nationwide virtual program designed to equip students with practical skills in sustainability and climate action. This initiative aims to develop a cadre of job-ready climate talent for the emerging green economy.	1 Day	12th May 2025
12	Value Added Course on UNIX: The objective of this program was to enhance students' practical knowledge and skills in Unix/Linux command-line operations and shell scripting, which are essential for system administration and automation tasks.	7 Days	10th March 2025-16th May 2025
13	3 Days Value Added Program on AR VR: The objective of this 3-day program was to introduce students to the fundamentals of AR/VR through hands-on learning using Unity. During the sessions, students developed basic AR and VR applications, gaining essential skills in immersive technology development.	3 Days	28th to 30th April 2025, 12th to 14th May 2025, 14th to 16th May 2025
14	Value Added Course on Software Testing: The objective of this program was to enhance students' practical knowledge and skills in Software Testing. Testing helps students realize that code correctness is not just about syntax but functionality, reliability, and usability.	1 Day	9th April 2025
15	InnovX - Open Day 2025 : The InnovX – Open Day 2025 was organized as a platform to encourage students to showcase their innovations, creative ideas, and technical projects across various domains.	1 Day	24th May 2025
16	Technical Talk on “Cybersecurity Resilience Trends and Challenges”: This technical talk explores the evolving landscape of cybersecurity resilience—the ability of organizations to prepare for, respond to, and recover from cyber threats. It will highlight the latest trends such as AI-driven security, zero trust architecture, cloud security, and threat intelligence sharing.	1 Day	13th June 2025

Student Achievement



Project Discussion with
Principal and HOD-ISE



Open Day-Jury



Open Day-Jury



1st Best Project Award
2024-25(8th Sem)

InnovX-2025 OPEN DAY Project Exhibition



Motivational Award-
Special Mention(6th Sem)



2nd Best Project Award
2024-25 (8th Sem)



BEST POSTER PRESENTATION –KSCST

CASH PRIZE : 6000/- 48th Series Student Project Program Annual State level Poster Presentation and Project Exhibition

LOCATION : JNNMC Shivmogga August 1st and 2nd 2025

PROJECT TITLE : SAFESTREETS-Intelligent System for Traffic Rules and Public Safety

GUIDE : Dr. Bhagyashri R Hanji, professor, ISE –GAT

STUDENTS : Monisha M V, Bhoomika K R, Deepak S Charantimathn ,Chirag

Faculty Achievement

Title of paper	Name of the author/s	Name of journal	Year of publication
Enhancing of Smart Farm for Hydroponic Cultivation	Mr. Vijay Kumar S, Aviksha Nayana Pala, Sanjay C, Darshan Raghunath, Hema B M	International Journal of Research Publication and Reviews, (IJRPR)	June 2025
The Role of Personalized Medicine and Internet of Things in Shaping Precision Healthcare	Deepak. G & Etal	IGI Global Scientific Publishing	2025
Block chain based maintaining privacy Tracking contacts for the COVID-19 Pandemic	Harsha B Deepali A Dixit, Mamatha K R and Deepa Konnor	International Journal of Advance Research and Innovative Ideas in Education(IJARIIIE)	2024
Blockchain and Machine Learning Driven Agricultural Transformation Framework to Enhance Efficiency, Transparency and Sustainability	Dr. Shivashankar	International Journal of Artificial Intelligence (IJ-AI)	2024
Self-Heal: Conversational Therapy Bot with AI Enhanced Features for Mental Health	Bhagyashri R Hanji, Charanya Divyansh Gupta, Eesha Krishna, Harshita G Devadiga	Conference Paper- CSITSS 2024	2024
AI—Prediction of Neisseria gonorrhoeae Resistance at the Point of Care from Genomic and Epidemiologic Data	Jeevaraj R	MDPI (Multidisciplinary Digital Publishing Institute), Switzerland	2025
OCC-MP: An optimal cluster-based congestion aware technique multipath routing protocol in WSN using hybrid evolutionary techniques	Kavita K. Patil Senthil Kumaran, Mahantesh Mathapat	Measurement: Sensors	January 2024
Smart Contract-Driven NFT Trading platform using Ethereum and Decentralized storage	Dr. Shruthi G, Kusuma T, Maddhigalla lakshumaiah, Anusha U A	International journal of Environmental Sciences,	2025
Cybersecurity-Aware Control of Conventional Power Sources Integrated with Smart Grid Architectures	Mahesh Kumar N, Ahmed Ali, Srimaan Yarram, Viswanadha Vivek, S. PPrakash, SyedRiyaz Ahammed	2025 13th International Conference on Smart Grid (icSmartGrid)	2025

Convolution Neural Networks for Automated Detection and Classification of Plasmodium Species in Thin <u>BLO</u> od Smear Images	Dr. Vimuktha Salis	https://ieeexplore.ieee.org/document/10797182	2024
A Web-Based Research Management System: An MVC Approach	Deepak. G & Etal	Second International Conference on EMERGING TECHNOLOGIES in SCIENCE & ENGINEERING	2025
An optimized and secured bio medical signal transmission using CNN	Dr. Shivashankar	Australian Journal of Electrical and Electronics Engineering, Taylor & Francis	2025
KCETSmartPrep: An Intelligent Web-Based Platform for Exam Aspirants	Niranjan, Nitesh Kumar, Devaraj H, Shashank S, Bhagyashri R Hanji	COMPUTER RESEARCH AND DEVELOPMENT	2025
Comparative Analysis of Machine Learning Models for Lung Cancer Detection	Jeevaraj R	International Conference on Artificial Intelligence, Computation, Communication and Network Security (AICCoNS-2025)	2025(Presented)
Review on Panoptic Segmentation of Images with Text-to-Image and Image-to-Image Diffusion Models	Pathanjali C	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	2024
HEAL-Health for Everybody Available Locally, An Improved Telemedicine System Using AWS with PHP	B.A. Saakshi Aras, Chennagiri Rajarao Padma, Arbind Kumar Gupta, Adwin Justa Manuel, Mahesh Kumar N	2025 3rd International Conference on Inventive Computing and Informatics (ICICI)	2025
Unveiling the Quality of MSand using Artificial Intelligence	<u>Dr. Vimuktha</u> E Salis	Tuijin Jishu/Journal of Propulsion Technology	2025
Cloud-Based Visualization Techniques for Big Data: A Survey of Platforms and Algorithms	Sharmila Chidaravalli	IGI Global Scientific Publishing	2025
A Comprehensive Study on Tomato Leaf Disease and its Approaches	Deepak.G, Sadhvi K V, Shreya Vijaya Kumar, Rohit R, Hemanth Chandra N	IJIRT	2025

Cluster Based Water Leakage Detection Framework for the Improvement of Water Management using Wireless Sensor Networks	Dr. Shivashankar	Indonesian Journal of Electrical Engineering and Computer Science	2024
Breaking the Silence: Tackling Cyberbullying in the Digital Era	Pratham Ramachandra Bharati, Harshitha Shankar, Rohit Kulkarni, Spoorti Sachidanand Halappanavar, Bhagyashri R Hanji	COMPUTER RESEARCH AND DEVELOPMENT	2025
Deep Learning-Based Classification of Nanoscale SEM features Using Inception V3	Jeevaraj R	IEEE International Conference on Biomedical Engineering and Sustainable Healthcare	2025(Presented)
Power-Aware Cloud-based EV Charging Management: Metapath Aggregated Network with Waterwheel Plant Optimization	Nagarathna K; Swathi Y C; Nirmala H; Kavita K Patil	IEEE Xplore	2025
The Role of Personalized Medicine and Internet of Things in Shaping Precision Healthcare	N. Mahesh Kumar, Nirmalkumar S. Benni, G. Deepak, T. R. Chenthil, S. Ramesh, A. Rajaram, and Mustafa Ali Khan	IGI Global Scientific Publishing	2025
Application of Machine Learning Algorithms for Detection of Industrial Product Defective	Dr. Shivashankar	International Journal of Research and Analytical Reviews	2025
SafeStreets: Intelligent System for Traffic Rules and Public Safety	Monisha M V, Bhoomika K R, Deepak S Charantimath, Chirag K, Bhagyashri R Hanji	COMPUTER RESEARCH AND DEVELOPMENT	2025
Fracture fusion A Deep Learning-Based Approach for Bone Break classification	Jeevaraj R	IEEE International Conference on Biomedical Engineering and Sustainable Healthcare	2025(Presented)
Enhanced Video Summarization With Real-Time Object Detection And Tracking Using Yolov3 And Deep Sort	Sinchana C Poojari, Navyashree J, Siri M K, Nithyasree M, Kavita K Patil	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS - IJCRT (IJCRT.ORG)	2025
Unveiling the Quality of MSand using Artificial Intelligence	Pathanjali C, Sharmila Chidaravalli, Dr. Vimuktha E Sails	Tuijin Jishu/Journal of Propulsion Technology	2024

A Comprehensive Study on Tomato Leaf Disease and its Approaches	Sadhvi K V, Shreya Vijaya Kumar, Rohit R, Dr. Deepak G, Hemanth Chandra N & Dr. Mahesh Kumar N	INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN TECHNOLOGY	2025
A Systematic Survey of Techniques for Document Processing and Natural Language Understanding	Sharmila Chidaravalli	International Journal of Advanced Research in Computer and Communication Engineering	2024
Power-Aware Cloud-based EV Charging Management: Metapath Aggregated Network with Waterwheel Plant Optimization	Nagarathna K, Swathi Y C, Nirmala H, Kavita K Patil	7th International Conference on Inventive Material Science and Applications (ICIMA-2025) IEEE Xplore Part Number: CFP254B2-ART;	July 2025
A Literature Survey on Transaction and Phishing URL Fraud Detection in Bitcoin	Chandana C, Anshika V, Dr Kavita Patil	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	2024
A Comparative Review of Visual Docking Guidance Systems: Technologies, Advancements, and Applications	R Harinandan, Mahesh Kumar N, Deepak G, Manasa R	INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN TECHNOLOGY	2025
Meeting Transcriber	Sharmila Chidaravalli	International Journal of Advanced Research in Science, Communication and Technology	2024
Optimized CNN Architecture via Evolutionary Algorithms for Precise Lung Nodule Detection from CT Images	VIJAY KUMAR S, PATHANJALI C , PRASHANTH I, Dr. KIRAN Y C	6th International Conference on Data Analytics and Management (ICDAM-2025) -- SCOPUS INDEXED	June 2025
Smart Health Recommendation using Vitals	Dr. Kavita K Patil , Bharath J , Harsha L R	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	2024
RTL Design of APB Protocol based Memory (1K*32) and Testbench	Madhura R, Manasa R, Mahesh Kumar N*	Journal of VLSI Design and Signal Processing	2025
A Survey of Health Care Chatbot for Patient Support	Sharmila Chidaravalli	International Journal of Advanced Research in Science, Communication and Technology	2024

Virtual Veda – Visualize Plants through Augmented Reality	Sharmila Chidaravalli	International Journal of Advanced Research in Science, Communication and Technology	2024
An efficient recognition of Handwritten Kannada Script using Variable Attention-based Coati Integrated Bidirectional Long Short-Term Memory', Multimedia Tools and Applications,	Kiran Chandrappa	The Author(s), under exclusive license to Springer Science Business Media, LLC, part of Springer Nature 2024, Q1	2024
Self-attention encoder-decoder with model adaptation for transliteration and translation tasks in regional language	Kiran Chandrappa	International Journal of Reconfigurable and Embedded System (IJRES)	2025
Leveraging the potential of Blockchain and Cloud Computing for secured data storage	Kiran chandrappa	International Conference on Advancement in Cyber Security and Digital Forensics (ICACSDF 2025) to be held at UPES, Dehradun, Springer	2025

Placement

More than 50% of those who qualified for placement have achieved their goals of working in core businesses, consulting, and IT each year.

Top Recruiters @ ISE



