

ELCIA TECH SUMMIT 2024

HUMANS MACHINES & MEANING

26 July 2024 | The Oterra



Event Book

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The First Edition of



HUMANS MACHINES & MEANING

ELCIA Tech Summit

The ELCIA Tech Summit takes inspiration from the success of the it.com revolution in India in the late 1990s. The event was a catalyst for our nation's IT dreams, and it started in Bengaluru. Soon, the world witnessed the skyrocketing IT industries emerge from the State, inviting global players to the City of Garden.

Innovation Ignites the Future

Building on a rich legacy of fostering innovation, the ELCIA Tech Summit 2024 is the gateway to the future of technological advancements. This dynamic platform promises a confluence of ideas and cutting-edge advancements, bringing together the brightest minds in technology.

We envision an annual gathering that transcends domains to create an ecosystem that informs, equips, and empowers the underserved, startups, and public enterprises with the needed technological support.

Highlights

Inauguration by **Mr N.R. Narayana Murthy**
Founder, Infosys Ltd

Keynote Address by
Dr Debabrata Das, *Director, IIIT-B*

4 Panel
Discussions

14 Industry experts/
innovators/
entrepreneurs

- ▶ Hackathon Awards Distribution
- ▶ Immersive Experience Zone featuring Mitra and Mitri robots

A fireside chat between
Mr Mohandas Pai, *Chairman, Aarin Capital &*
Ms Lakshmi Pratury, *CEO, INK*

The ELCIA Tech Summit 2024 is more than just an event – it's a catalyst for change.



President's Note

As Mr V. Sriram Kumar, President of ELCIA and AGM, Fanuc India Pvt. Ltd., took the stage to deliver the opening remarks, The Oterra was filled with a profound sense of anticipation and respect. He envisioned a Summit of this grand scale and wanted it to be a cornerstone in India's tech progress. Mr Sriram's heartfelt dedication was evident in every word he spoke, reminding the audience that the ELCIA Tech Summit 2024 was not just a milestone in ELCIA's glorious journey but the beginning of a new era of innovation and growth.



At ELCIA, we always believe results are perfect reflections of the quality of thought. The higher we aim, the better we perform.

-V. SRIRAM KUMAR

President, ELCIA



Inauguration, and Dialogue with Mr N. R. Narayana Murthy

Mr Narayana Murthy, Founder, Infosys Ltd, inaugurated the ELCIA Tech Summit 2024 along with Mr V. Sriram Kumar, President, ELCIA, Dr Veerappan, V., Chairman, ELCITA and Mr. Kiron Shah, Council Member ELCITA, at the Oterra, Bengaluru.

In a dialogue, Mr Murthy emphasized the importance of government and entrepreneurial efficiency and support for India to bridge this gap. While acknowledging AI's potential, he stressed the continued importance of human creativity and the need for robust market assessments by entrepreneurs.

His engaging dialogue was filled with tech prophecies, inspiring life stories, anecdotes, the power of AI, and its limitations, and words of wisdom for entrepreneurs.

Mr Murthy also shared invaluable lessons from his journey, emphasizing the role of compassionate capitalism, sense of ownership, perseverance, discipline, innovation, sacrifice, trust in one's ideas, customer centricity, earning respect, and ethical leadership to build India into an innovation hub in manufacturing and IT startups. His valuable advice and tips motivate young entrepreneurs to reassess and readjust their entrepreneurial journey. This is what we call "setting a powerful tone for the transformative discussions"



“

AI will not replace designers and individuals implementing large-scale application systems, simply because they are too complex. There will have to be huge data dictionaries, data programs, and interconnectivity between all. The creativity and power of the human mind are superior to this system.

-N.R.NARAYANA MURTHY

Founder, Infosys Ltd



Getting Futuristic with Dr Das

Dr Debabrata Das, Director, IIIT-B, took centre-stage to deliver a compelling keynote on the Summit. Dr Das highlighted the need to combine humans and machines to achieve meaning and productivity. He also enlightened the audience about the advancements and future of AI/ML and automation, especially its impact on employability and Industry 5.0 and beyond.



After digitalization, the time [for the industrial revolution] travelled from 100 to 10 years. In the future, it will be five years or less

-DR DEBABRATA DAS
DIRECTOR, IIIT-B



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www.elttechsummit.in



PANEL DISCUSSION

Mr Ashok Panda

Vice President & Global Head, AI & Automation Services, Infosys Ltd

Prof Bharadwaj Amrutur

Professor at IISc, Chair of the Robert Bosch Center for Cyber-Physical Systems, and Director Executive, ARTPark

Mr Sandeep Alur

Chief Technology Officer, Microsoft Innovation Hub, India

MODERATOR

Ms Latha Chembrakalam

Vice President & Head of Technical Centre India, Continental Automotive



The Shape of Things to Come: Generative AI at the Helm

The first session introduced the attendees to the emerging world of AI's immense potential in creating novel content and ideas from scratch, thereby pushing the boundaries of human imagination. This form of intelligent technology reuses training data to resolve new issues. The speakers highlighted how algorithms transform from analysis tools to architects of entirely new realities. A whole new digital world is being created without human supervision. Thanks to Generative AI, we can now bridge the gap between humans and data to develop Gen AI applications, build data foundations, and more.

💡 Wealth managers should spend time with their customers to understand them.; technology will help them extract information from the document.

-ASHOK PANDA

💡 In the next 15-20 years, as we transition into the GenAI-based technology, new business opportunities will emerge to help people make that transition.

-PROF BHARADWAJ AMRUTUR

💡 You can only put guard rails after people start using an innovation.

-SANDEEP ALUR

💡 If you want to boil down the last one year into one theme, it would be GenAI. Rarely has a technology that swept through the business community with so much of speed and impact.

-LATHA CHEMBRAKALAM



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PANEL DISCUSSION

Mr Ashwin Vanikar

*Independent Consultant & Trainer,
Vanikar Automation Solutions*

Ms Laxmy M. Krishnan

*Director and Head of Innovation, Wipro
Lab45*

Mr Mahendra Patil

*National Head Robots & Tech Support,
FANUC India*

MODERATOR

Dr Gopichand Katragadda

Founder and CEO at Myelin Foundry



HERE AND NOW: Industry 4.0+: Showcasing IoT, Robotics, and Digitalization

The second session stepped into the heart of the Industrial Revolution—not a dusty history book, but the dynamic present! This ELCIA Tech Summit 2024 panel discusses the theoretical promise of Industry 4.0 and what to expect in the years beyond. The speakers forecasted the tangible realities of this transformative phase, where they outlined how the Internet of Things (IoT) and Robotics facilitate interconnectedness to gather real-time data and optimize processes with unparalleled efficiency.

💡 If production-linked incentives can help you better by doing automation, it's definitely more lucrative.

-ASHWIN VANIKAR

💡 With GenAI and integration, there is going to be more opportunities for you to become entrepreneurs.

-LAXMY M. KRISHNAN

💡 Technology is changing so fast, making standardization extremely challenging.

-MAHENDRA PATIL

💡 In India, going from POC to real implementation, the success rate is close to zero.

-GOPICHAND KATRAGADDA





TALKS + PANEL DISCUSSION + Q&A

Mr Rohan M. Ganapathy

CEO & CTO Bellatrix Aerospace

Dr Srinivasan Dwarakanath

Strategic Advisor in Aviation and Aerospace. Adjunct Faculty, Former CEO & MD, Airbus India Operations

Mr Vedaprakash G.

Head-Business Development & Government Relations, Weapons, Satellite & Sensors Business Unit, Tata Advanced Systems

MODERATOR

Dr Veerappan V.

Chairman ELCITA & Co Founder, Tessolve



SOARING INDIA: From Earth to Orbit and Beyond

The ELCIA Tech Summit's third session, "SOARING INDIA: From Earth to Orbit and Beyond," explored India's burgeoning space industry. It highlighted India's capabilities in space exploration, emerging opportunities, challenges, and the future of aerospace against the enviable track record we've achieved in recent years. The speakers emphasized our space missions and their potential for venturing beyond Earth's orbit and being a force to reckon with in space.

“In the future, if India has a moon-base, it would be better managed by ELCIA and ELCITA.

-ROHAN M. GANAPATHY

“We need to have a clear aerospace roadmap and a dedicated aerospace association to increase the aerospace exports to \$20 Billion by 2034

-DR SRINIVASAN DWARAKANATH

“Thanks to the exponentially increasing defense stocks and other factors, there is 18.5 lakh crores of opportunities in the pipeline in the Indian Space Industry

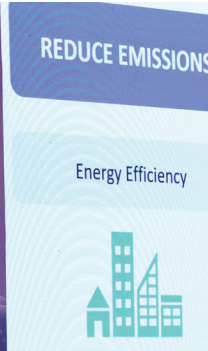
-VEDAPRAKASH G.

“Even though India doesn't make a single commercial wafer, we design 30% of the world's semiconductors through 200 odd companies.

-VEERAPPAN V.



ESG Integration for Sustainable Growth: Strategies for Corporates and MSMEs



Energy efficiency in every business process is key to reduce emissions, thereby attaining climate goals.

-GURUPRAKASH SASTRY

*Head-Climate Action,
Infosys Ltd*



The ESG structure in India is in a critical point where the top thousand listed companies are required by law to declare companies' footprint, raw material source, and the impact of the product.

-SHERIL CHRISTOPHER

*EHS Country Manager and Diverse
Ability Network Chair and EHS
Global Auditor at 3M India Ltd*





AWARDS DISTRIBUTION

ELCIA Next-Gen Innovative Tech Hackathon



₹50K

Grand Winner

Team Name **Bruteforce**

Project Title: **Wearable Haptic Braille Device for Blind**

Team Members: Yash Gupta, Divyansh Singhal, Daksh Sharma



₹35K

First Runner-Up

Team Name **NewBees**

Project Title: **Smart Hand Mobility Assistive Device for Enhanced Rehabilitation and Daily Assistance**

Team Members: Kushagra Singh, Anshul V Patil, and Kafil Abbas Momin



₹25K

Second Runner-Up

Team Name **Generic Junkiez**

Project Title: **Autonomous Robotic Integration for Automation**

Team Members: Ashish Ramesh, Sahil Parashram Desai, and Jonathan Daniel K

Commendation

► Grid Guardians

OptiPower: AI-Optimized IoT Energy Meter & Switch with Edge & Cloud Intelligence

► S.E.A.P

BLITZ (Blockchain Light Integrity and Tampering Zeroizer)

► Unicorn

MediSync: Smart Health Monitoring System for Elderly Care with Medication Reminder

► Entenders

Long Range Fixed Wing Autonomous Blood Delivery UAV

► Minty

SmartCane: The Next Generation Navigation Aid for the Visually Impaired

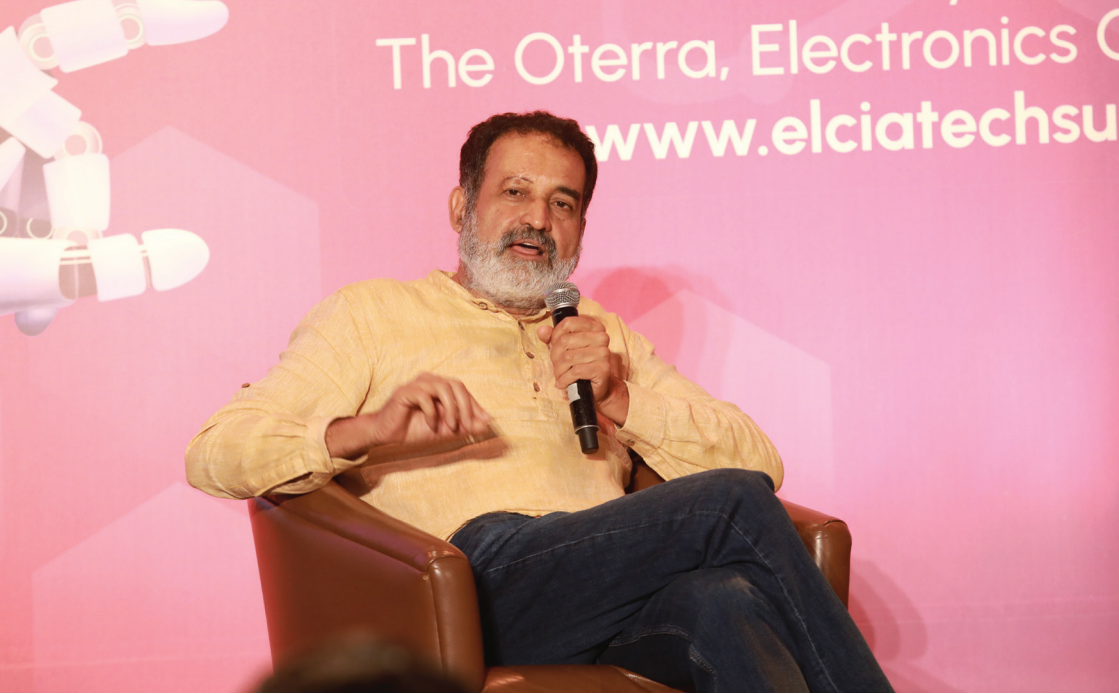
► Royal Super Kings

Smart Forest Monitoring System

► SLL

Refreshable Braille Display





Bangalore Paradigm – Insightful Fireside Chat featuring Mr. T. V. Mohandas Pai

As the curtains closed on the first edition of the ELCIA Tech Summit 2024, the atmosphere was transformed by the presence of two remarkable individuals. Mr T.V. Mohandas Pai, a Padma Shri awardee and Chairman of Aarin Capital, and Ms Lakshmi Prathury, the visionary CEO of INK, graced the stage with a conversation that resonated deeply with every attendee, leaving them empowered. The Bangalore Paradigm session was more than just a discussion—it was a journey through personal and professional milestones filled with wisdom, humor, and heartfelt reflections. They shifted the tone from the rigor of the previous sessions to a space of lightness and inspiration, leaving the audience with not just lessons but a renewed sense of purpose and possibility.



Effortlessly moderated by
Ms. Lakshmi Pratury



Credits

ELCIA Tech Summit 2024 Event Book

Concept, Design and Execution

Verbinden Communication Private Limited

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Co-Hosts



Principal Partners



Knowledge Partners



ART PARK
AI & Robotics Technology Park, 1-Hub @ 15c



International
Institute of Information
Technology Bangalore

Partners

Curation



Event



Hospitality



Communication



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