EDUTECH EXCHANGE

Monthly Newsletter

We are excited to bring you the latest updates, insights, and news from L&T EduTech. As always, our goal is to keep you informed about the innovative strides we're making in the tech world.

LEARNKONNECT

ATL VARSITY

Launch of LearnKonnect

We are thrilled to announce the launch of LearnKonnect in collaboration with ATLVarsity for all our L&T employees. This next-generation learning platform integrates seamlessly with your professional development journey, offering unparalleled access to industry-relevant courses and skill-building resources. Experience the future of workplace learning with advanced AI-driven recommendations and access to personalized upskilling pathways.

“EXCELLENCE IS BUILT WHERE KNOWLEDGE MEETS PURPOSE.”

Foreword by

Mrs. M.F. Febin

Head, L&T EduTech

As we launch this inaugural edition of our monthly newsletter, I am reminded that the heart of L&T’s success has always been a commitment to excellence and continuous learning. L&T EduTech is not just an initiative; it is our bridge to the future of industry-ready talent.

This newsletter serves as a testament to your hard work and the milestones we are achieving together. Let this be a space where we celebrate our collective wins and learn from our challenges. Through this platform, we aim to keep our internal community connected, informed, and inspired by the impact we are creating in the ecosystem. Thank you for your unwavering commitment—let’s continue to push the boundaries of what we can achieve as a unified force. Let’s keep building!

AT THE INTERSECTION OF INDUSTRY, EDUCATION & SKILLS

As industries accelerate toward digital, sustainable, and AI-led futures, the expectations from education and workforce readiness are evolving just as rapidly. Learners today are expected not only to understand concepts, but to apply them in complex, real-world environments. Institutions and enterprises, in turn, are rethinking how learning is designed, delivered, and measured.

2026 SO FAR

This shift was reflected in action at L&T EduTech through immersive academic programs, enterprise capability-building, global training partnerships, and platforms that enable innovation at scale. Across campuses, boardrooms, and international classrooms, the focus remained consistent: bridging knowledge with application, and potential with performance.

National Academic Immersion Program (NAIP) 2026 Launched

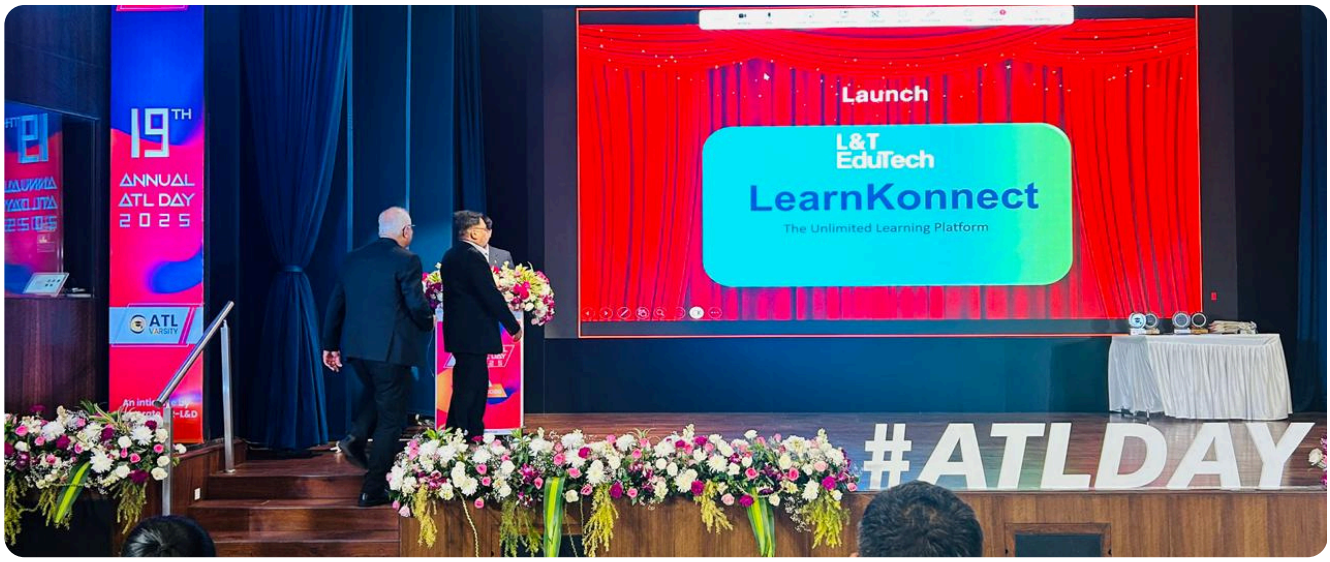
L&T EduTech officially launched NAIP 2026 for CSE and IT specialisations at MIT World Peace University, Pune. With 240 learners enrolled, the first batch marked the beginning of a seven-day, industry-aligned immersion designed to strengthen hands-on capabilities, exposure to real-world technologies, and career readiness.

BIM Workshop with SCAD, Chennai

As part of its partnership with Saveetha College of Architecture and Design, L&T EduTech conducted a hands-on BIM workshop at L&T Headquarters. Over 180 civil and architecture students gained exposure to industry-grade tools, workflows, and live project environments, including a guided visit to the BIM Studio.

Learning Momentum Within L&T

Internal learning witnessed strong adoption as **LearnKonnect on ATLVARSITY welcomed over 20,000 learners** signalling robust engagement from the L&T community and growing appetite for continuous upskilling.



Looking Back at 2025 | A Year in Motion

Global Training Partnership: ZECO, Tanzania

L&T EduTech hosted a 10-day international training program for professionals from Zanzibar Electricity Corporation (ZECO), Tanzania, at L&T's Chennai campus—reinforcing its role in building global technical and commercial capabilities in the power and infrastructure sector.

The program focused on **Battery Energy Storage Systems (BESS)** & Renewable Energy alongside **Financial Management for Power Utilities,** addressing real-world utility challenges through a blend of strategic insight and applied learning. The BESS module covered system fundamentals, architecture, battery technologies, sizing methodologies, safety considerations, standards, and applications for both standalone and grid-connected systems.

Complementing this, the Financial Management program explored finance and accounting fundamentals, EPC project costing, project finance structures, PPP models, financial modelling, risk management, and SAP-enabled EPC accounting—equipping participants with a holistic understanding of utility-scale project execution.

Both programs were delivered through case studies, software simulations, hands-on exercises, and a field visit to a utility-scale BESS plant at the L&T Kanchepuram Campus. The initiative received strong participant feedback, underscoring L&T EduTech's commitment to developing future-ready energy capabilities for global utility professionals.

Setting the Gold Standard in Safety Education

L&T EduTech has been accredited as a **NEBOSH Gold Learning Partner** under NEBOSH's global Learning Partner Programme, a prestigious recognition of excellence in training delivery, learner support, faculty expertise, and adherence to rigorous international standards in occupational health and safety education. Achieving Gold status in the first cycle of assessment highlights L&T EduTech's strong commitment to quality and continuous improvement.

The partnership was formally launched on 25 February 2026 at L&T Headquarters in Chennai, in the presence of **Mr. Andy Shenstone, CEO of NEBOSH, and Mrs. MF Febin, Head of L&T EduTech,** along with senior NEBOSH leaders and representatives from L&T and L&T EduTech. The engagement begins with the NEBOSH International General Certificate in Occupational Health and Safety (IGC), a globally respected qualification designed to equip professionals with practical safety knowledge and workplace-ready competencies.

This milestone further strengthens L&T EduTech's role in advancing safety education and developing professionals who can drive safer practices across industries.

Fostering Innovation Through HackMoR 2026

Mrs. Febin M F, Head – L&T EduTech, attended HACKMoR 2026 at Manav Rachna University as the Chief Guest, inaugurating a 36-hour national hackathon that brought together 70 teams from 20 universities across the country.

The event saw students developing solutions to real-world challenges across domains such as healthcare, sustainability, fintech, and cybersecurity. In her address, she highlighted the importance of purpose-driven innovation, strong industry alignment, and responsible use of technology, emphasising the need to bridge the gap between academic learning and evolving industry demands.

L&T EduTech is proud to support such platforms that encourage young innovators to apply their skills, think critically, and develop solutions that can shape the future.

Showcasing AI-Led Skilling at India AI Impact Summit 2026

L&T EduTech participated in the India AI Impact Summit 2026 held in New Delhi, engaging with students, academic leaders, and industry professionals at its dedicated stall throughout the event.

The interactions focused on AI-led skilling initiatives and industry-integrated learning, with visitors exploring L&T EduTech's AI-focused programmes and discussing the evolving landscape of workforce readiness in a technology-driven world. The summit provided a valuable platform to exchange ideas, build connections, and share perspectives on developing future-ready technology talent.

CIVIL ENGINEERING BUILDING SKILLS FOR THE BUILT ENVIRONMENT

BIM Excellence at a National Scale

The BIM Contest 2025, themed “Build the Future” and organised by L&T EduTech in collaboration with Autodesk, brought together over 150 students from 20 institutions across seven states. Conducted between October and December 2025, the contest challenged participants to deliver real-world BIM solutions across commercial, public, industrial, infrastructure, and sports & recreation projects. With a strong emphasis on sustainability, smart design, and digital coordination, the initiative culminated in finals on 30 December 2025, followed by the felicitation of the top 10 teams at the L&T Campus, Chennai, on 8 January 2026—celebrating future-ready civil engineering talent.

Faculty Capability Building in Structural Rehabilitation

Continuing its focus on faculty upskilling, L&T EduTech's Subject Matter Expert, Dr. Stella, participated in a five-day advanced technical training on Repair and Rehabilitation of Concrete Structures conducted by the Engineering Academy. The program covered deterioration analysis, non-destructive testing, material selection, strengthening techniques, forensic studies, and the repair of bridges and industrial structures. With expert faculty from IITs and industry, the training strengthened both professional practice and teaching competencies.

Industry-Focused Civil Engineering Projects | SVCET, Chittoor

Final-year Civil Engineering students from SVCET, Chittoor completed industry-focused domain projects with L&T EduTech through blended sessions and online mentoring. Trainers Ms. Adlin Rose, Mr. Sadak Shahid, Mr. Aravind, and Ms. Karthika guided students across Geotechnical Engineering, Structural Design (ETABS), Highway Engineering, and Energy-Efficient Building Design. Students worked on literature reviews, modelling, and design calculations using tools such as PLAXIS 2D, IITPAVE/KGPBACK, and ECBC. The program concluded with a Final Viva Voce in January 2026, completing a hands-on, industry-aligned learning experience.

ELECTRICAL ENGINEERING POWERING THE FUTURE OF MOBILITY & SUSTAINABILITY

Industry-Oriented Internship on Electric Vehicle Technologies

L&T EduTech conducted an industry-focused internship program on Electric Vehicle (EV) technologies for three batches of engineering students, benefiting approximately 60 participants from institutions across regions. Held between mid-December 2025 and early January 2026, the program emphasised hands-on learning through direct engagement with the EV Centre of Excellence (CoE) laboratory.

Participants trained on advanced facilities including two-wheeler test beds, Battery Management Systems (BMS), programmable DC fast chargers, bidirectional DC–DC converters, and Field-Oriented Control (FOC) for PMSM-based EV applications. The curriculum was complemented by simulation-driven exercises covering battery systems, BMS logic, DC–DC converter design, and Embedded C programming—enabling students to translate theory into applied EV solutions.

Faculty Engagement on Carbon-Neutral Infrastructure

Strengthening academic–industry dialogue on sustainability, Dr. P. Rangarajan and Dr. Kalyani S represented L&T EduTech as Resource Persons at the AICTE–ATAL Faculty Development Program on “Carbon Neutrality for Smart and Sustainable Cities through IoT”, hosted by AMET University, Chennai. The session engaged over 40 faculty members from across India, exploring national and global net-zero commitments and the role of digital technologies in enabling smart, sustainable urban ecosystems.

MECHANICAL ENGINEERING
SCALING INDUSTRY-READY LEARNING

EV Multiphysics & Digital Design Enablement

Hands-on training in EV Multiphysics was successfully delivered at Kalinga Institute of Industrial Technology (KIIT), Bhubaneswar; Manipal Institute of Technology, Mangalore; and TKIET, Maharashtra. The program focused on EV component design using ANSYS, enabling learners to apply multiphysics simulation techniques in real-world EV contexts.

In parallel, a new five-day hands-on program on Digital Enablement for Mechanical Engineers was developed and delivered at Annapoorana Engineering College, Tamil Nadu, combining practical exposure to mechanical design software and MATLAB. The program received strong appreciation for its relevance and applied learning approach.

Academic Contribution & Advanced Manufacturing Research

Strengthening the research–practice continuum, a research paper titled “Comprehensive characterization of discarded corn/neem starch with glycerol and fructose plasticizer biofilms for packaging applications” was published in the Iranian Polymer Journal (Springer Nature), a Q2 journal with an impact factor of 2.5—highlighting applied research in bio-composite materials for 3D printing and sustainable manufacturing.

Precision Engineering & GD&T Training

Hands-on training in Mechanical Software for GD&T concepts under the GGTDM course was delivered for learners at Karpagam College of Engineering, Karpagam Academy of Higher Education, Karpagam Institute of Technology (Coimbatore), and KIIT, Bhubaneswar—reinforcing industry-aligned precision engineering capabilities.

Academic Mentorship & Research Excellence in Mechanical Engineering

A final-year project mentoring program for Mechanical Engineering students at SVCET, Chittoor, Andhra Pradesh, was successfully delivered by L&T EduTech through a series of 14 structured sessions conducted in both virtual and in-person formats. The initiative received strong appreciation from departmental leadership for its academic relevance, with participating students acknowledging the effective guidance and consistent support provided by Dr. S. Lokesh.

Further strengthening this academic engagement, five research abstracts led by Dr. S. Lokesh have been accepted for oral presentation at the International Conference on Recent Trends in Materials Science & Devices (ICRTMD 2026). The selected research contributions focus on key areas such as piping system design, stress analysis, and industrial simulation.

This combined achievement underscores a continued commitment to academic excellence, applied research, and meaningful industry–academia collaboration in advancing future-ready mechanical engineering talent.

Smart Engineering and Manufacturing Is the Trend in Mechanical Engineering

As India focuses on being at the forefront of manufacturing for the world, marking a shift from a predominantly service-industry-driven economic development, the effects can be seen everywhere in the engineering sector. More companies are now striving to manufacture parts, sub-assemblies, and fully integrated systems. With the explosion of AI into every walk of human life, activities like pure coding and programming are increasingly being carried out by autonomous processes, and with greater efficiency. This is already forcing immense change in society and economic activity.

The adaptation of AI and smart tools in manufacturing is key, as conventional production methods will no longer remain relevant. Innovation, creativity, and intellectual property protection will hold the key for young students as they brace themselves for the challenges and opportunities the future presents. Industry-centric topics and new-age tools that promote innovation will shape the new face of education.

S. Kumar, Lead SME – Mechanical, L&T EduTech

ELECTRONICS ENGINEERING INTELLIGENCE AT THE EDGE OF LEARNING

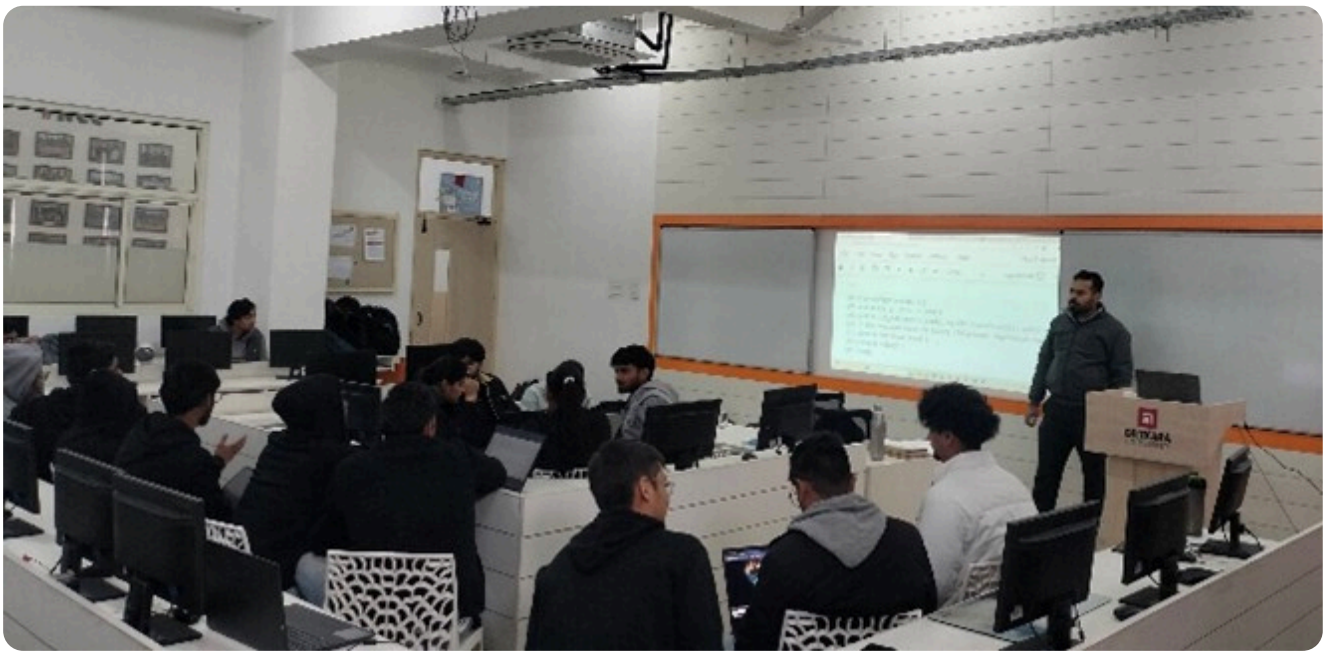
Reimagining Teaching with Design Thinking and AI

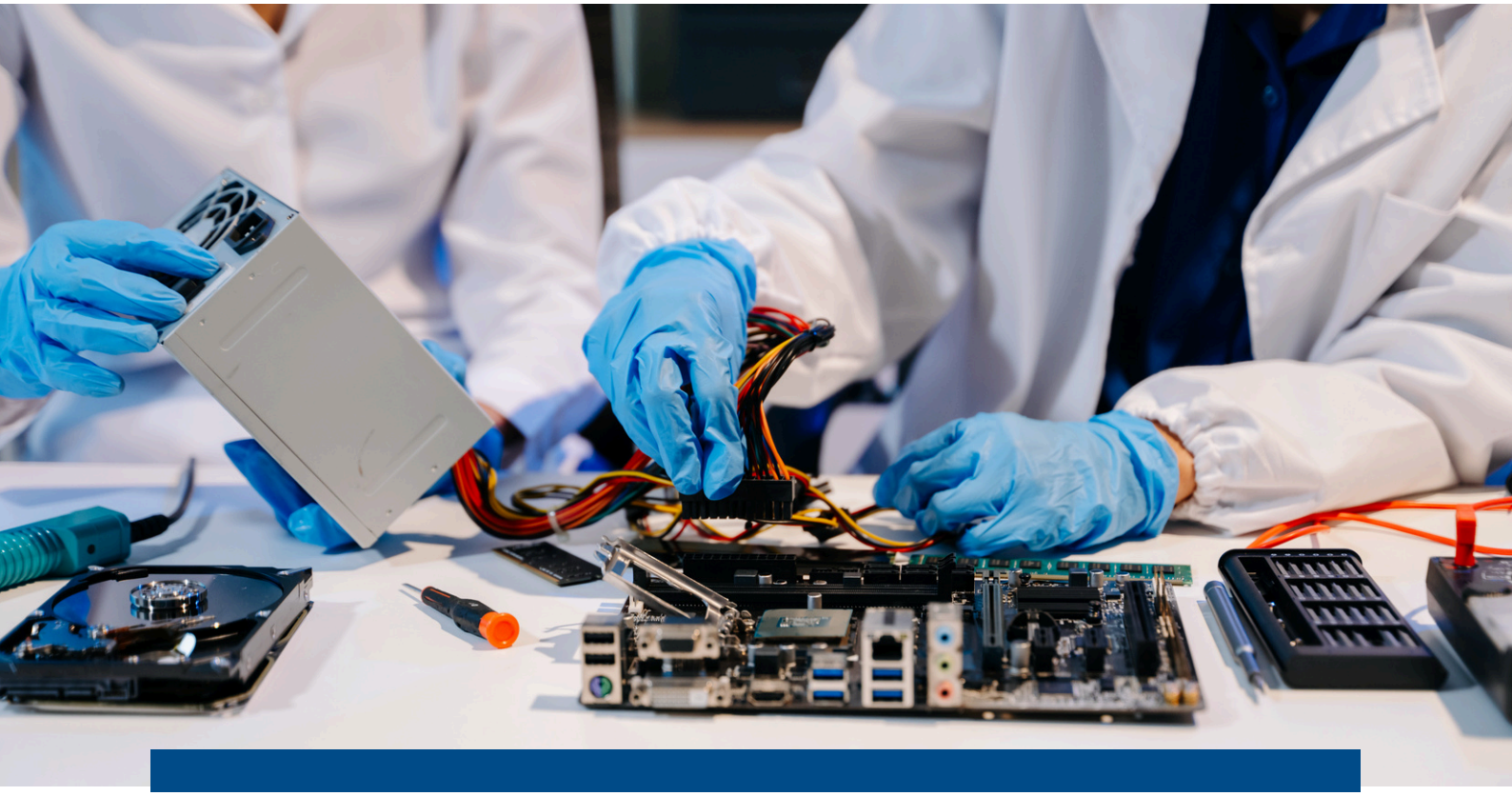
L&T EduTech conducted a Faculty Development Program titled “Solutioning Education’s Complex Issues with EduThink AI” at Birla College of Arts, Science & Commerce, Kalyan, Mumbai, on 3–4 January 2026. The program brought together educators to explore how Design Thinking and Artificial Intelligence can be integrated to address contemporary challenges in education.

Through interactive sessions, participants engaged with Design Thinking principles, outcome-based instructional design, AI-enabled teaching using EduThink AI, and the evolution of assessment in machine-assisted learning environments. The discussions emphasised empathy-driven instruction, gap analysis, and assessment models that balance human judgment with machine precision—reinforcing that Design Thinking is now central to building learner-centric, future-ready classrooms. The sessions were led by Dr. B. Venkatalakshmi and Ms. Rupali Suraskar.

Applied AI and Edge Computing for Engineering Education

Strengthening technical depth in emerging areas, a two-day training program on Artificial Intelligence and Edge Computing was delivered at Chitkara University by L&T EduTech's Subject Matter Expert, Mr. Sathya Vignesh R. Conducted on 28–29 January 2026, the program focused on Machine Learning fundamentals, covering supervised and unsupervised learning, data pre-processing, feature selection, model training, and evaluation techniques. Real-world examples were used to demonstrate practical ML applications, enhancing participants' conceptual clarity and applied understanding of AI in engineering contexts.





ENTERPRISE CAPABILITY BUILDING

FROM POTENTIAL TO PERFORMANCE

Leadership & EPC Capability Development at Amara Raja Infra

L&T EduTech conducted a focused two-day leadership and capability-building program for emerging leaders at Amara Raja Infra, Tirupati. Designed to strengthen decision-making and execution in complex EPC environments, the program emphasised a growth mindset, strategic thinking, and industry best practices.

Participants engaged with themes including critical thinking, global and Indian infrastructure trends, Industry 4.0 applications in EPC, safety leadership, ESG considerations, and finance for non-finance professionals. Delivered through real-world simulations, case discussions, quizzes, and data-driven decision exercises, the program was further reinforced through senior leadership interactions and structured reflection sessions—enabling participants to translate learning into personal action commitments.

ENTERPRISE TECHNOLOGY ENABLEMENT

SOFTWARE INTEGRATION IN PRACTICE

TAFE – Software Integration Program

L&T EduTech successfully concluded a two-stage Software Integration Program for TAFE during January, receiving an overall participant feedback rating of 4.4. The program predominantly leveraged internal trainers, ensuring strong alignment with organisational expertise, delivery standards, and real-world operational contexts.

A key highlight of the engagement was the emphasis on intensive hands-on learning through hardware kits, which was widely appreciated by participants and significantly enhanced practical understanding and learning outcomes. Participants also explored modern software integration approaches, including AI-powered test automation and synthetic data techniques, enabling a deeper appreciation of how intelligent tools can be applied within complex system environments.

AI FOR LEADERSHIP

EMBEDDING INTELLIGENCE ACROSS THE SDLC

AI Immersion Program at CriticalRiver Technologies

L&T EduTech delivered an AI immersion program for strategic leadership at CriticalRiver Technologies, Hyderabad, focused on applying AI across the full Software Development Lifecycle (SDLC). The program explored practical AI use cases spanning requirements definition, system design, development, testing, DevOps, and ongoing maintenance.

Role-specific hands-on labs were conducted for ERP, CRM, and Data teams, enabling practical adoption of AI-driven approaches such as test automation, synthetic data generation, and visual regression testing. Alongside application, the program emphasised responsible AI practices, including governance frameworks, data privacy considerations, and human-in-the-loop validation—supporting scalable and ethical AI adoption across enterprise systems.

INNOVATION AT A NATIONAL SCALE

Algnite 2k26, L&T EduTech's flagship national tech challenge, has begun. Open to students across disciplines, Algnite brings multidisciplinary teams together to ideate, build, pitch, and prove solutions using AI, Robotics, and Geospatial technologies. **With 1,677 team registrations from 95 institutions**, the response underscores the platform's growing national reach and its role in fostering applied innovation.

Upcoming Events | March 2026

Webinar on: MEP Foundations: Integrated Approach to Building Services

11th March 2026

Dr. Mahesh Vasantrao Kulkarni, SME Mechanical, L&T EduTech

Visit https://lntedutech.com/events/

What Worked

Strong cross-team collaboration enabled seamless delivery across Mechanical, EV, and Electronics disciplines, supporting BCA and BE/BTech programs across multiple engineering and technology domains. Learner feedback consistently exceeded 4 out of 5.

What Scaled

The adoption of industry-aligned software, intuitive tools, and hands-on learning approaches across process, power, and manufacturing domains strengthened applied understanding and learner engagement. The successful launch of the Coursera course Design of Utility Systems for Industrial Plants marked a key step in delivering globally relevant, high-impact learning at scale.

What's Next

The roadmap focuses on software-driven, enterprise-level projects with direct industry impact. These engagements will be translated into real-world case scenarios and practical learning experiences, strengthening application skills and industry readiness across learner segments.