



redefining urban **infrastructure**



# The Indian CONSTRUCTION GIANT

L&T Construction, India's largest construction organization and ranked among the world's top contractors, has been transforming cityscapes and landscapes with structures of immense size and grandeur for several decades. The organization's capabilities span the entire gamut of construction – civil, mechanical, electrical, and instrumentation engineering – and its services extend to all core sector industries and infrastructure projects.

Several of the country's prized landmarks – edifices, structures, airports, industrial projects, flyovers, viaducts, water and power infrastructure projects – carry L&T's signature of excellence in construction. Today, more and more structures beyond India's boundaries are standing tall, thanks to L&T Construction.

L&T Construction straddles eight related businesses:

- Buildings & Factories
- Heavy Civil Infrastructure
- Transportation Infrastructure
- Power Transmission & Distribution
- Renewables
- Water & Effluent Treatment
- Minerals & Metals
- L&T GeoStructure

## Over eight decades of **UNDISPUTED LEADERSHIP**

Larsen & Toubro is an Indian multinational engaged in EPC projects, hi-tech manufacturing, and services. It operates in over 50 countries worldwide. A strong, customer-focused approach and the constant quest for top-class quality have enabled L&T to attain and sustain leadership in its major lines of business for over eight decades.

| EPC PROJECTS                    |                             |
|---------------------------------|-----------------------------|
| CONSTRUCTION                    | ENERGY                      |
| HI-TECH MANUFACTURING           |                             |
| HEAVY ENGINEERING               | DEFENCE                     |
| SERVICES                        |                             |
| IT SERVICES                     | TECHNOLOGY SERVICES         |
| DIGITAL SERVICES & E-COMMERCE   |                             |
| FINANCIAL SERVICES              |                             |
| OTHERS                          |                             |
| REALTY                          | SMART WORLD & COMMUNICATION |
| CONSTRUCTION & MINING MACHINERY |                             |
| RUBBER PROCESSING MACHINERY     | VALVES                      |

## Building landmarks, setting benchmarks\*

- **12** International Airports
- **330,000+** IT Seats
- **84,000+** Dwelling Units
- **95+** Manufacturing Facilities
- **27,000+** Hospital Beds
- **500,000+** km of Water & Wastewater Networks
- **12,400** MLD of Water & Wastewater Treatment Plants
- **1.1 million+** Hectares of Land Being Irrigated
- **935** EHV Substations
- **48,355 ckm** of Transmission Lines
- **100,000+** Habitations Electrified
- **20+** GWp Portfolio of Solar Plants
- **436** km of Metro Rail Corridors
- **468** km of High-Speed Rail
- **23,528** Lane km of Roads, Interchanges, & City Infra
- **12 million** Sq. m. of Runways
- **12** Nuclear Power Projects
- **6,129** Tkm of Railway Track Laying
- **21,872** Tkm of Railway Electrification
- **47 million** tonnes of Hot Metal (Iron) Making
- **21** Blast Furnaces
- India's Largest City Surveillance Project: **6,000** cameras at **1,500** locations at Mumbai

\*The track record information published here is as of May 2024



# CREATING ICONIC STRUCTURES

Many of India's iconic buildings - from airports to IT parks, malls to monuments, high-rises to health centres, places to stay, pray or play - carry the signature of excellence of L&T Construction. The company's track record in successfully addressing tough challenges is built around its unique capability to offer total solutions including 'Design-Build-Commission' expertise, advanced systems like Building Information Modules, a global supply chain and unrivaled project management expertise.

**Airports:** End-to-end responsibilities in the design and turnkey construction of major airports and all associated airport facilities.

**IT and Institutional Space:** Concept-to-commissioning solutions for IT parks, office spaces including high-rise towers, green buildings and design and construction of educational institutions, metro stations, sports stadia, exhibition / convention centers and other public buildings.

**Health & Leisure:** Design and construction of hospitals, including procurement, installation, testing and commissioning of medical equipment. In the leisure segment, turnkey construction of world-class hotels, entertainment centres, commercial malls and mixed use developments.

**Residential Buildings:** Design and construction of large residential complexes, high-rise residential towers and luxury villas covering both affordable and elite segments.

**Factories:** Turnkey design and construction services for cement plants, automobile factories, process plants, glass factories and warehouses.

Mumbai International Airport



Parliament library building, New Delhi



Whitefield Hospital, Bengaluru



Cyber Towers, Hyderabad



Ireo Victory Valley, Gurgaon



Statue of Unity, Gujarat



Chandigarh International Airport



Abu Dhabi International Airport



Bengaluru International Airport



Hyderabad International Airport



Boeing hangar, Nagpur



Salalah International Airport



# MAKING THE RIGHT CONNECTIONS

As the way the world travels changes, L&T is driving the airport revolution in India and overseas with a track record of airport projects that reads like a flight itinerary - Abu Dhabi, Bengaluru, Kozhikode, Hyderabad, Delhi, Mumbai, Chandigarh, Cochin, Kannur and Salalah in Oman. L&T offers Design & Build solutions including integrated airport system solutions under a single roof, a world-wide network for engineering, global supply chain management and world-class project management expertise.



11 world-class airports in India and the Gulf countries with the top 5 airports handling more than 100 million passengers p.a. with a built-up area of 1.3 million sq.m

Delhi International Airport





# PLUG AND PLAY FOR IT PLAYERS

Among the first to greet the digital dawn in India, L&T has been instrumental in developing unique infrastructure capabilities to meet the needs of IT companies having designed and built world-class IT infrastructure - software development blocks, IT and software parks, techno parks, business parks and built-to-suit IT offices all over the country and overseas. Complete turnkey solutions are on offer with single source responsibility that makes 'plug and play' possible. In addition to the construction of RCC framework, L&T has extensive experience in executing interior finishing works and electromechanical services. L&T also provides customized solutions to business and office spaces with its built-to-suit space model.

53 modern IT parks for all IT majors

Infosys, Chennai



TCS, Siruseri at Chennai



L&T Infotech, Powai



TCS, Kolkata



HCL Technologies, Noida



Cognizant, Sholinganallur



Tejomaya, Kochi



Cyber Tower at Ebene Cybercity, Mauritius



iGate, Pune

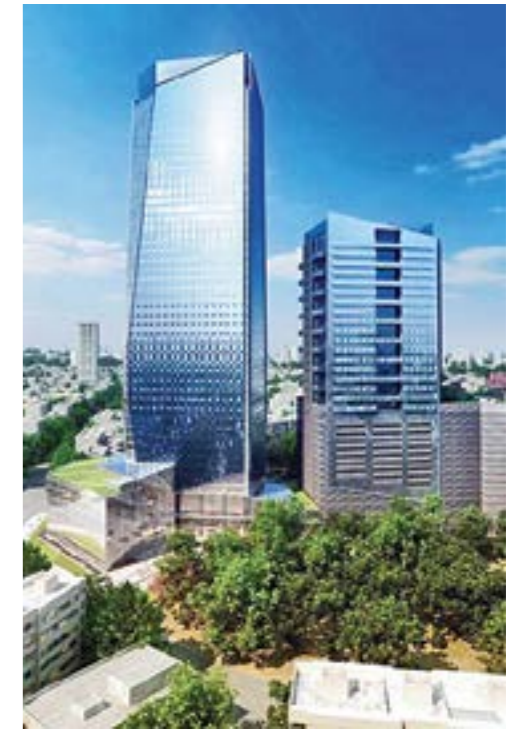


# FINEST COMMERCIAL COMPLEXES

L&T has constructed many of the finest commercial complexes in India and neighboring countries dot on schedule with the highest levels of quality. The company's competitive strengths in core technologies and know-how cover architectural and structural design, optimal interior systems, high-strength concrete, complete electro-mechanical works and office automation systems.



AL Jazeera Tower, Qatar



Kohinoor Square, Mumbai



Ministry of Manpower building, Oman



UB Towers, Bengaluru



RMZ Titanium, Bengaluru



Row of built-to-suit IT offices, Hyderabad



Cyber Gateway, Hyderabad



Office campuses of Deloitte and Motorola, Hyderabad



Twin towers at 'Marinascape' in Dubai Marina



Cyber Park at Electronic City, Bengaluru



DMRC's Delhi IT park at Shastri Nagar, New Delhi



Gift City, Ahmedabad



L&T Technology Block, Hazira



L&T Knowledge Centre, Vadodara



## BUILDINGS THAT BREATHE GREEN

As India's foremost construction organization, L&T recognizes its huge responsibility in positively contributing to sustainable design awareness, proficiency and innovation.

L&T's expert architects, consultants and engineers constantly explore new avenues in the design and delivery of green buildings. To deliver durable and long-term benefits, L&T incorporates efficient energy, environment & water management and safety systems through combined expertise of different engineering disciplines and the right technology mix.



Corporate offices of IL&FS (left) and ICICI (right), Mumbai



# TEMPLES OF KNOWLEDGE

Many educational institutions like elite management institutes and business schools around the country and abroad carry the distinctive imprint of L&T's construction excellence.



IIT Hyderabad

IIITM, Gwalior



German University, Oman



VIT, Vellore



Sikkim Manipal Institute



National Judicial Academy, Bhopal



IIT, Powai



Indian School of Business, Hyderabad







One of the station buildings for Delhi Metro



Jawaharlal Nehru Stadium, Chennai



Football stadium, Qatar



Musannah sports complex, Oman



Perspective of Transit Oriented Development for Hyderabad Metro



Wankhede cricket stadium, Mumbai



Kensington Oval cricket stadium, Barbados

# CREATING LANDMARKS TO PRAY AND PLAY

Another area of L&T's expertise is the design and turnkey construction of public buildings such as sports infrastructure, metro stations and places of worship.



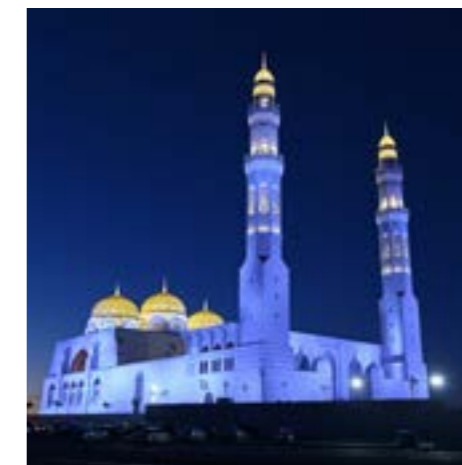
Baha'i house of worship, New Delhi



Khalsa Heritage, Punjab



Chaitanya Jyothi, Puttaparthi



Mohammed Al Ammen Mosque, Muscat, Oman



Santhome Church, Chennai



ITC Grand Maratha, Mumbai



Business-class hotel in HITEX, Hyderabad



Hyatt Regency, Chandigarh



Taj, Bangalore



Samarkand hotel, Uzbekistan



Bhukara hotel, Uzbekistan



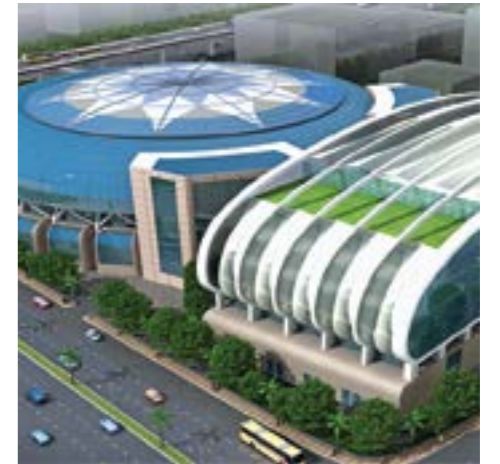
The Oberoi, Mumbai



Le Royal Meridien, Mumbai



Sahara Star, Mumbai



ITC Grand Chola, Chennai

# RECREATION TO REJUVENATE

The effectiveness of any entertainment area, be it hotels, malls, theaters or other multi-utility places, lies to a fair extent in the nature of its design. L&T understands this well and has created a variety of landmark structures from concept, design and turnkey construction to commissioning of high-tech building management systems.



Grand Hyatt, Mumbai





RMZ Galleria, Bengaluru



Mall of India, Noida



Elante Mall, Chandigarh



CESE Mall, Kolkata



The Forum Mall, Bengaluru

Mahatma Mandir, Ahmedabad



HITEX Exhibition Centre, Hyderabad



Convention centre, Hyderabad



Swami Vivekananda convention centre auditorium, Mauritius



Perspective of Seawoods Grand Central, Navi Mumbai



Hamad Medical City, Qatar



JIPMER, Puducherry



Hospital at Puttaparthi



MIOT Hospitals, Chennai



Apollo Hospital, Ahmedabad



Safdarjang Hospital, New Delhi



# ENGINEERING THAT TOUCHES LIVES

NMC Hospital, Abu Dhabi



AIIMS, Bhubaneswar

L&T provides integrated design, engineering, procurement, construction and project management services for the healthcare sector. From super-specialty hospitals, medical colleges and nursing colleges to infrastructure and residential facilities, L&T offers EPC solutions across a wide spectrum of businesses. The concept of a single-window solution on EPC basis offers a hassle-free environment where a fully commissioned hospital with end-to-end healthcare facilities is delivered to the client just as a builder offers a fully furnished apartment for possession.

45 hospitals for Government and private players



Atmosphere, Kolkata



Crescent Bay, Parel, Mumbai



DLF The Crest, Gurgaon



The Address, Wadhwa, Mumbai



BNRI township, Kolkata



# HOUSING THE ELITE

Over the past two decades, L&T has been creating high-end luxury homes for some of the most prestigious communities. Bringing to play their expertise in Design & Build using quality materials and equipping the edifices with ultra-modern home automation systems.

The combination of construction technologies, sustainable materials, decades of experience and domain knowledge gives L&T a competitive edge.



Oberoi Exquisite, Mumbai



Minerva, Mumbai



Ireo Grand Arch, Chandigarh



Prestige Bella Vista, Chennai



Delhi One, Noida



South City, Bengaluru



Emerald Isle, Mumbai



# BUILDING A THOUSAND DREAMS

Improving the quality of life with modern amenities and infrastructural facilities calls for a sensitivity to specific human needs. With expertise in turnkey design and construction of large townships and high-rise apartments, L&T delivers on this front, thanks to its unique strength in providing economically viable design solutions and construction methodologies coupled with the use of advanced production techniques like heated tunnel forms, large area wall panel forms and aluminium formwork.

The advent of the precast concrete construction method for the housing sector has opened up possibilities for speedier construction and improved quality due to factory production in a controlled environment.

DLF Mico, Chennai



DLF Capital Greens, Delhi



Godrej, Ahmedabad



Godrej, Chennai



Eden Park, Siruseri, Chennai



Olympia Grande, Chennai



Maruti, Manesar



Hyundai, Chennai



# MOVING THE WHEELS OF NATIONS

L&T Construction makes its presence felt across various industrial sectors with its unique design and construction services using structural steel, reinforced concrete, precast and pre-stressed concrete with single-source responsibility - from concept, architectural and structural design, supply, installation and commissioning of equipment including installation of electro-mechanical services.

- Automobile factories
- Power equipment and heavy forging manufacturing units
- Sugar plants and distillery units
- Pharmaceutical plants
- Pulp and paper plants
- Industrial parks
- Glass plants
- Dairy and food processing units
- Textile mills and weaving sheds
- Large-span storage silos, godowns, product warehouses and logistic parks
- FMCG manufacturing factories
- Factory buildings and workshop complexes



Asahi Glass, Roorkee



Ford Sanad, Ahmedabad



Hero, Jaipur



JCB, Jaipur



L&T's Hazira Works



Toyota, Bengaluru



Nissan, Chennai



St. Gobain, Chennai



Honda, Greater Noida



Ford, Chennai





KCP Cements, Vijayawada



Rajashree Cements, Gulbarga

# WIDEST RANGE OF CEMENT PLANTS

L&T started constructing cement plants from the 1940s and today holds an impeccable record in turnkey construction of major, integrated cement plants, meeting the complete requirements of clients to world-class standards with speed, economy and safety.

L&T Construction's repertoire of large, integrated cement plants includes limestone crusher houses with large and dynamic loads, raw meal hoppers, homogenization silos and kiln piers, preheater towers, clinker storage and cement mills, large-span structures for limestone, coal, gypsum and clinker - both in steel and RCC / pre-stressed concrete, including complete electrical and instrumentation works.



Dalmia Cements, Trichy



Vicat Sagar cement plant, Gulbarga



Cement plant at Awarpur, Maharashtra



Silos and conveyor at Tadipatri cement plant



Lafarge cement plant, Bangladesh



Hirmi cement plant, Raipur



Delhi International Airport



BIM developed by EDRC



L&T's Srishti 3D Studio, Chennai



Engineering Design & Research Centre of L&T in Chennai



# ANSWERING THE CHALLENGES OF THE FUTURE

L&T's strength lies in its in-house design which is backed by a multi-disciplinary team of specialized engineers & expats and sophisticated software & hardware facilities that provide value-added integrated engineering services with detailed design and engineering support as part of comprehensive EPC services.

First-of-its-kind 3D studios - 'Srishti' in Chennai and 'Drishti' in Mumbai - are where ideas are born & synergized and designs translated into virtual reality. Features like virtual prototyping, walk-throughs and analysis by controlling virtual models including design reviews give the customer a feel of the actual project before execution.

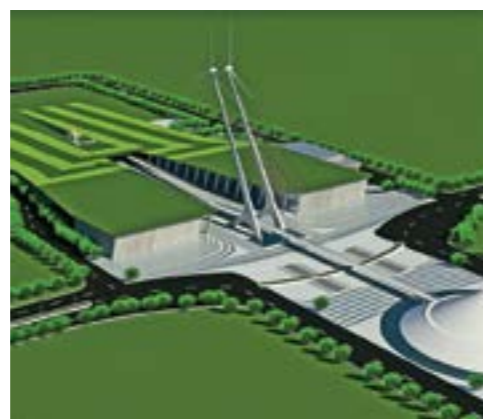
**Centre for Excellence & Futuristic Development:** L&T's Centre for Excellence & Futuristic Development (CEFD) works towards developing sustainable and carbon-neutral built spaces. The centre also evolves green building guidelines that set both general goals for projects and specific parameters for building designs, products and systems.



L&T's electrical and electronics manufacturing facility, Coimbatore



Gem & Jewellery Park, Kolkata



Mahatma Mandir, Ahmedabad

Cognizant, Chennai





# UNMATCHED CAPABILITIES

**Research & Testing Centre:** The in-house ISO 17025:2005-certified research and testing centre is involved in various types of testing of soil, concrete and a host of other materials playing a vital role in the evaluation and testing of construction materials. Applied research is conducted to reduce costs, improve quality of materials and enhance speed of construction. This centre is the first such set up in a construction organization to be NABL-accredited.

**Construction Enabling Services Cell (CESC):** CESC complements the operation of projects by providing a variety of construction enabling services, which serve as solutions or processes for critical and complex construction works. CESC aims at better utilization of resources by way of systemizing, automating and mechanizing some of the labor intensive site activities for higher productivity and speedy completion.

**Structure Competency Cell:** This cell focuses on adaptation, implementation and training in foundation engineering, formwork, re-bar, cement, concrete and pre-stressed technologies. To improve efficiency and speed of operations, L&T has established Steel Service Centres at Hyderabad, Chennai, Mumbai and Delhi to supply 'cut and bent' reinforcement to projects.

**Civil Utilities & Finishes Competency Centre:** This centre extends its support to strengthen the core technical expertise in the execution of finishing works. L&T's modern and well-equipped formwork factories provide total formwork solutions for all types of reinforced concrete structures for varied applications. It ensures speedy construction with high levels of accuracy, superlative concrete finishes and enhanced productivity.

**Precast:** L&T adopts precast technology that can be used across multiple applications to build large span storage and factory structures, long span marine and bridge structures, large span buildings like theatres, auditoria, stadia, hangars including high-rise residential structures and office complexes. L&T's precast concrete centres and fabrication yards across major cities and project sites enable the Company to provide cost-effective solutions and meet demanding schedules.

**Project Management:** From the innumerable projects handled, L&T has developed a core team of project managers and dedicated sub-contractors who thoroughly understand every facet of the activity from design, construction to commissioning and have established a fool-proof methodology for speedy construction.

**Supply Chain Management:** Fortified by longstanding strategic relationships with power equipment manufacturers of international repute, L&T leverages its global sourcing capabilities and offers clients a value-added service in flexibility of choice and guidance on equipment selection.

**Safety & Quality:** At L&T, Environment, Health & Safety (EHS) is considered a core value. Systems and procedures have been established for implementing the requisites at all stages of construction and are accredited to the International Standards of ISO 9001, ISO 14001 and OHSAS 18001. L&T continues to maintain its tradition of meeting stringent quality standards and adherence to time schedules across all projects.

**Construction Skills Training Institute:** Through its Construction Skills Training Institutes, L&T has been providing skill development training to empower and convert rural youth into trained workmen in significant numbers.



Research & testing centre, Chennai



Advanced Alu-Form shop, Puducherry





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