

**G T C S**

*Save the Earth*

Ganesh Technical  
Consultancy Services



**Ganesh Technical Consultancy Services**

[www.gtcs.in](http://www.gtcs.in)

## Ganesh Technical Consultancy Services (GTCS), Kochi, Kerala.

Started in 1997, this registered partnership firm, with the husband and wife team of Er Mr. Shreeganesh V Nair and Er Mrs Deepa Ganesh as the partners, M/s GTCS has been engaged in rendering Consulting Services in the domains of :

1. Feasibility Studies, DPR Preparation, Master Planning & Architectural Design
2. Green Building Facilitation services
3. Energy Conservation Building Code (ECBC) Facilitation Services
4. Energy and Water Audits
5. Mechanical, Electrical, and Plumbing (MEP)
6. Structural Design



At GTCS, the governing philosophy is that building the right infrastructure in the right manner using the right materials and designs, creates opportunities for everyone – including nurturing communities, improving access and upholding a sustainable built environment.

We've been committed to managing our business with the up most responsibility and we are always looking to strive for better by creating social value encouraging learning and patronizing leadership and skilling workforce.

We're partners in creating the change towards a more sustainable and equitable future, collaborating with all those who want to make a positive difference in the world.

Thinking out of the box does not have limits... and that is what keeps us going. Ideas have wings and they should fly, and this ethos is embedded in our culture.

## Promoters



**Er Shreeganesh V Nair**

### **Er. Shreeganesh V Nair, Founder and Chief Consultant**

- Building Physics Expert
- BEE Certified ECBC Master Trainer
- BEE Certified Energy Manager
- Building Energy Efficiency Expert (BEEE)
- IGBC Fellow
- GRIHA Evaluator and Trainer
- IGBC Accredited Professional
- GBCI EDGE Auditor
- Expert in Architectural Design Review, Energy modeling and ECBC facilitation. MEP design & review.



**Er Deepa Ganesh**

### **Er. Deepa Ganesh, Partner & Associate Consultant**

- Civil Engineer, Green Building Consultant
- Building Energy Efficiency Expert (BEEE)
- IGBC Fellow
- GRIHA Certified Professional
- IGBC Accredited Professional
- Expert in MEP design, Architectural Design Review, product selection, Energy modelling and ECBC facilitation.

## **Our Leadership Team**

**Er Shreeganesh V Nair, Founder Partner and Chief Consultant**

**Er Deepa Ganesh, Founder Partner and Green Building Services Lead**

**Er Babu T V, MEP and QC Team Lead**

**Er Sreejith P Menon, BEE Certified Energy Auditor, Audits Team Lead**

**Ar Taarika Ganesh, Associate Architect, Green Building Specialist**

## Our History

GTCS, a partnership firm, was started as a Water and Wastewater management and Fire Protection Services Consulting firm by partners for life, Er Shreeganesh V Nair and Er Deepa Ganesh in 1997, with a vision to set high standards of design and to create long term and sustainable solutions.

Since the inception of the firm in 1997, we have been trusted advisors — planners, designers, engineers, consultants and program and construction managers — delivering professional services spanning cities, transportation, buildings, water, new energy, and the environment. Working throughout the project lifecycle, we're a team of hard-core professionals driven by a common purpose to deliver in time and to deliver the right product.

## The journey of growing knowledge and capabilities

- From being recognized as a leading Consulting firm in the domain of Water and Waste water treatment and Fire protection, GTCS quickly expanded the design portfolio, adding expertise in HVAC and Electrical Services by 2007.
- With Er Shreeganesh V Nair being an Engineer by qualification and an Architect at heart, GTCS grew into providing Architectural Design solutions for major projects by 2009. Along with a team of Architects and Structural Designers, GTCS became a full-fledged Engineering Services Consulting firm by 2010 and has since rendered complete design and Engineering Services for more than 2500 projects across India and the Middle East for several Clients.
- In addition to providing complete design and engineering services, both partners went on to gather more expertise in creating Green buildings, Sustainable and Energy efficient built infrastructure. Qualifications include IGBC AP, GRIHA CP, GRIHA Trainer and Evaluator, EDGE Expert and Auditor, ECBC Master Trainer from Bureau of Energy Efficiency, Ministry of Power, Govt of India, Certified BEE Energy Manager, Empanelled Building Energy

### VISION

To create a future where sustainable buildings are the norm and our consulting services are the catalyst for this transformation



### MISSION

To deliver innovative, practical, and cost-effective sustainability solutions that enhances the environmental, social, and economic value of buildings and communities.

Every year , IGBC recognizes the contributions of Green Building Professionals who have contributed to the Green Building Industry for over 15 years. Both the Founding Partners are recognized as IGBC Fellows.



## Feasibility Studies, DPR Preparation, Master Planning & Architectural Design

GTCS has proven expertise in the field of conducting Feasibility studies, DPR preparation, Master planning and Architectural design of projects. GTCS has designed and handed over more than 50 lakhs Square feet of built up area.



Naqas, Kochi



City Centre, Chengannur



PH Value Corporate office, Kochi



Akshaya patra foundation



Multi Purpose Indoor Stadium, Chevayur

### Innovative Architectural and Design Solutions

Ganesh Technical Consultancy Services (GTCS) is a renowned firm with an extensive team of architects and design engineers committed to delivering exceptional architectural and design solutions. This document explores the remarkable projects and achievements of GTCS, highlighting their contributions to various sectors including military, residential, commercial, sports, and institutional architecture.

### Architectural Excellence and Design Innovation

GTCS has demonstrated its prowess in architecture and design through a diverse range of projects. Their expertise spans concept design, Detailed Project Reports (DPR) preparation, and architectural designs for various types of buildings. The firm's commitment to innovation and sustainability is evident in their meticulously crafted designs.

### Military Engineering and Aeronautical Testing

One of the flagship projects of GTCS is the design of a SVAGRIHA-ready Aeronautical Testing Lab building inspired by the Sukhoi M30 for the Military Engineering Services in Kochi. This project showcases the firm's ability to integrate advanced technological requirements with aesthetic architectural elements, creating a functional yet inspiring space for aeronautical testing.

### **Green Building Initiatives**

GTCS has been at the forefront of green building initiatives, designing residences with sustainable features and certifications across Kerala and Tamil Nadu. These projects exemplify the firm's dedication to environmental responsibility and sustainable development. The conservation architecture for residences in Kerala further underscores their commitment to preserving cultural heritage while incorporating modern green building practices.

### **Commercial and Multi storeyed Buildings**

The firm has an impressive portfolio of multi storied buildings for Shipping and Logistic Companies and large Real estate players from Bahrain, including several commercial buildings and residential campuses in Kerala, Hyderabad and Tamil Nadu. These projects reflect GTCS's ability to create iconic architectural designs that cater to commercial needs while enhancing the urban landscape.

### **Sports Architecture and International Projects**

GTCS has been involved in designing infrastructure for major sporting events, demonstrating their expertise on a global scale. For the Dakar Summer Olympics, GTCS has designed the Concept for the stadia and housing, as a part of the Design Competition that was held to identify the lead architect. Additionally, they played a pivotal role in the design for the Kerala National Games 2014, including the conceptual design for the Hub at Karyavattom, which includes the Karyavattom Greenfield stadium and several other outdoor stadia, velodromes, lawn bowl, lawn tennis, football, and athletics facilities, as well as indoor stadia across Kerala. All stadia in the Kerala National Games and for State Sports infrastructure development are built and in use.

The firm's involvement along with Architects Peddle Thorp, Australia, in the design of the Yamuna Stadium and Siri Fort Indoor Stadium for the Commonwealth Games 2010 in New Delhi further exemplifies their capability in sports architecture, providing world-class facilities for international competitions.

### **Iconic Architectural Designs**

GTCS has to its credit the design of the City of Joy for the Creorts Group, a project that features iconic architectural designs for a city encompassing apartments, an outdoor stadium, an indoor stadium, an aquatic complex, an amusement park, and a mall, all integrated into one campus. This ambitious project showcases the firm's ability to create comprehensive and multifunctional urban spaces.

### **Tourism and Hospitality Projects**

The firm's portfolio includes the design of the Sivagiri Tourism Circuit for Varkala for ITDC, a project aimed at enhancing the tourism infrastructure in the region. They also designed the Saj Hotel at Kolenchery, Erandia Resort at Mararikulam, Muhamma Resort, Holy Cross Hospital at Kottiyam, Kamala Complex at Chengannur, and the City Centre at Chengannur, contributing to the development of hospitality and healthcare facilities in Kerala.

### **Academic and Institutional Buildings**

GTCS, as associate Architects, have designed numerous academic and institutional buildings and hostels for the Industries Department through KASE across Kerala. These Buildings have been designed as a part of the Kerala Government initiative to raise the standard of education for blue collar Jobs to international standards. These projects highlight the firm's commitment to creating educational spaces that foster learning and development.

### **Industrial Parks and Sustainable Development**

The firm's expertise extends to the design of industrial parks for KINFRA across various locations in Kerala. GTCS has consistently demonstrated their ability to create architectural icons that are green buildings by default, sensitive to sustainable development, and aligned with the principles of environmental stewardship

Ganesh Technical Consultancy Services (GTCS) has established itself as a leader in Architecture and Design, with a diverse portfolio that spans multiple sectors and regions. Their commitment to innovation, sustainability, and excellence is evident in every project they undertake. From military engineering to green building initiatives, commercial complexes to international sports architecture, GTCS continues to create architectural landmarks that inspire and sustain.

The firm's extensive experience and expertise ensure that they remain at the forefront of architectural innovation, delivering designs that are not only aesthetically pleasing but also functionally superior and environmentally responsible. As they continue to push the boundaries of design, GTCS is poised to contribute significantly to the future of architecture and sustainable development in India and beyond.

### **Some of our major clients are**

- City Centre, Chegannur • PH Value Corporate office, Kochi • Saj Hotel, Kolenchery
- CREORTS, Chettuva, Thrissur • 12 projects for Kollam municipal corporation
- Upgradation of 10 ITI's for Govt of Kerala • Kamala complex shopping mall, Chengannur
- Municipal market, Aluva, Kochi • Corporate office for NEXT Education, Kochi
- Kitchen for Akshaya Patra foundation, Pune
- Materials Testing Lab NAQAS for Military Engineering Services (MES), Kochi
- Residence for Mr Kaverinathan , Rameswaram • Residence for Dr Maheswaran, Coimbatore
- Residence for Dr Roy Joseph, Alappuzha • Office for Adv. Balagopal, Kochi
- Residence for Kamath Raveendranath

## Green Building Facilitation Service



Reserve Bank of India  
Trivandrum



Reserve Bank staff quarters,  
Thamalam



SBI, IAD Building, Hyderabad



SBI Administrative Building,  
Hyderabad



SBI Moula Ali Staff Quarters,  
Hyderabad



CPIM Corporate office  
Trivandrum



Kerala Veterinary and Agricultural Sciences University  
KVASU, Mannuthy



ELEMECS Hospital, Kollam



Kerala University, Trivandrum



IIT Thayer Campus, Chennai

### A Journey of Minimizing Environmental Impact

The essence of built infrastructure is that the disruption of the natural environment is inevitable. However, as the growing human population is also part of the environment, increasing the built footprint is similarly unavoidable. This acknowledgment forms the core philosophy of Ganesh Technical Consultancy Services (GTCS), which has always been committed to ensuring that the impact of its designs and built infrastructure remains minimal on the natural environment.

### Innovative Transition to Renewable Energy

GTCS has been at the forefront of promoting energy-efficient systems. One of their significant contributions was the phasing out of traditional boilers used for hot water generation in hotels, resorts, and hospitals. These conventional systems were replaced with solar-assisted heat pumps and other alternative energy-efficient systems. This transition not only reduced the reliance on non-renewable energy sources but also contributed to a reduction in greenhouse gas emissions.

### **Water Conservation Efforts**

Water conservation has been another area where GTCS has made remarkable contributions. The consultancy played a pivotal role in implementing the statute for establishing Sewage Treatment Plants (STPs). These plants are crucial for recycling treated sewage water for irrigation and flushing purposes, which in turn helps in reducing the depletion of ground water resources.

Furthermore, GTCS has executed some of the largest rainwater harvesting systems in Kerala. By harnessing the abundant rainfall in the region, these systems ensure a plentiful availability of potable water at all times in their projects. Such initiatives not only provide a sustainable water supply but also enhance the overall water security of the region.

### **Recognition and Expertise**

The expertise of GTCS is underscored by the recognition its lead partners have received. Both partners are IGBC Fellows, an honor bestowed by the Indian Green Building Council for their commendable contributions to the Indian Green Building Industry over the last 15 years. Additionally, they are GRIHA Certified professionals, further highlighting their dedication and expertise in the field of green building.

GTCS's team comprises Green Certified professionals who have excelled in their contributions to the Green Building Industry. Their combined efforts ensure that the consultancy remains at the cutting edge of sustainable building practices.

### **Certification Services**

In recent years, GTCS has expanded its services to include certification for projects of all typologies. This service ensures that all projects meet the highest standards of sustainability and environmental friendliness.

Since its founding, GTCS has been rendering Green Building Certification services for a diverse array of construction typologies, including:

- Residential Apartments
- Residences
- Banks
- Hotels and Resorts
- Railway Stations
- Commercial Buildings
- Malls and Theatres
- Amusement Parks
- Stadia
- Hospitals and Clinics
- Factories
- Industrial Kitchens and Cloud Kitchens
- Industrial Parks
- Laboratories
- Educational Institutions
- Universities

### **A Commitment to Sustainability**

The journey of GTCS is a testament to their unwavering commitment to sustainability. By continually innovating and adapting to new technologies and practices, they have significantly reduced the environmental impact of built infrastructure. Their efforts in renewable energy adoption, water conservation, and green building certification underscore their role as pioneers in the field.

GTCS's mission goes beyond mere compliance with environmental regulations; it embodies a proactive approach to creating a harmonious balance between built infrastructure and the natural environment. As the challenges of climate change and resource depletion become more pressing, consultancies like GTCS are vital in leading the way towards a more sustainable future.

### **Future Prospects**

Looking ahead, GTCS aims to further enhance its contributions to sustainable development. With continuous advancements in green technology and growing awareness about environmental sustainability, the consultancy is poised to play an even larger role in shaping the future of built infrastructure. By leveraging their experience and expertise, GTCS will continue to innovate and implement solutions that not only meet the needs of the present but also safeguard the prospects of future generations.

In conclusion, GTCS stands as a beacon of sustainability in the built environment sector. Their holistic approach to minimizing environmental impact, coupled with their recognized expertise and dedication to green building practices, sets them apart as leaders in the industry. Through their ongoing efforts, GTCS exemplifies the powerful role that proactive and conscientious design and consultancy services can play in creating a sustainable and resilient built environment.

### **Some of our major clients are**

- Reserve Bank of India, Trivandrum • Reserve Bank staff Quarters, Trivandrum • IIT Thayyur Campus, Chennai • Sanmina Factory, Chennai • SBI Moula Ali staff Quarters, Hyderabad • SBI, IAD Building, Hyderabad • SBI Administrative Building, Hyderabad • SBI HCU Branch Hyderabad • Trivandrum railway station • Indian Oil Corporation Admin building, Kochi, • Bank of Baroda, SRM Road, Kochi • Bank of Baroda, Canon shed branch ,Kochi • Milma Calicut • ABC Warehouse Palakkad • CPI(M) Corporate Office, Trivandrum • Factory for Sreekrishna Sweets, Coimbatore • BPCL Township, Kochi • Kerala Veterinary and Agricultural Sciences University (KVASU) Mannuthy
- Women and Child Hospital, Kannur • KHB- CSML at Kochi • ELEM ECS Hospital, Kollam • International Research Institute of Ayurveda (IRIA), KANNUR • Government Arts & Science Colleges for KITCO at Thazhava, Downhill, Elanthoor, Tanur, Pathirpala • Kerala University
  - Kannur University • Calicut University • MLA Hostel at Trivandrum for ULCCS
  - ONCOLOGY PHARMA PARK for KSDPL

## Energy Conservation Building Code (ECBC) Facilitation Services

**GTCS has been instrumental in energy conservation and green building measures for the last 20 years**

As a part of the formulation of guidelines for energy conservation in the building sector, and as a part of imparting training to the design community at large, Shreeganesh has been actively participating in the various fora connected to energy conservation. Bureau of Energy efficiency under the ministry of power, Government of India has trained select individuals to be master trainers who will impart technical details for providing energy conservation measures in the building sector. Shreeganesh has been a Master Trainer certified by BEE. As a part of the campaign for enhancing the knowledge of building construction industry practitioners, including Builders, Architects, Civil engineers, mechanical engineers, electrical engineers, Shreeganesh has trained more than 10000 professionals in the last 10 years in addition to the practicing building professionals. We have also imparted training to more than 10000 students across various Architectural/Engineering colleges, polytechnic etc.



Calicut University



Trivandrum Railway Station



Kannur University



Arjuna Naturals



Azezia Hospital Palakkad



Sanmina, Chennai

Energy conservation Building Code widely known as ECBC, has become a regulation across various States and they have implemented it as a rule for the building construction industry.

Getting a building to be energy efficient at the time of obtaining the building permit itself is a necessity now by law.

For this purpose, a certified energy conservation building professional is required to conduct a detailed analysis of the architectural design, MEP Services and the climatology of the region where the building is being constructed.

Once the professional has evaluated the building and its current design for compliance with the state's building rule the professional shall be issuing a certificate which is a mandatory part of the building permit process.

GTCS has been instrumental in getting clearances for more than 100 buildings until now including several hospitals, malls, colleges, commercial buildings, education institutions and factories. Major clients who have used our services for obtaining ECBC clearance include Government of Kerala, CPI(M) Corporate Office in Trivandrum, Railway station Trivandrum, Kerala University, Calicut University, Kannur University, IIT Thayyur campus, Chennai, Sanmina Chennai, Arjuna Naturals, Azezia Hospital Palakkad, etc

## Energy and Water Audits

### Auditors for

- **Energy**
- **Water**
- **Lifts and Escalators**
- **Fire and Life Safety**
- **Electrical Safety**
- **Noise**
- **Anti-Static Validation**

GTCS has been working in the field of Design and Engineering of Built Infrastructure across domains of expertise. The proven expertise in the planning and project management sector is amply evident in the multitude of buildings spread across India and the Middle East. While the planning part of the building is focused on creating the minimal Energy and Water footprint, the evaluation of the actual performance of the building in real time environment is a Building Audit.

While the planning part of the building is focused on creating the minimal Energy and Water footprint, the evaluation of the actual performance of the building in real time environment is a Building Audit. GTCS has a team of Energy professionals who are certified and authorized by the Bureau of Energy Efficiency, Ministry of Power, Govt of India and its SDA, who conduct Energy and Water Audits for buildings, including Fire Fighting Systems, Electrical Safety, Lifts and Escalators.

Energy Management Centre Kerala, which is the State Designated Agency for the Bureau of Energy Efficiency, has empaneled GTCS as the Authorized Agency to conduct Statutory Energy Audits for existing buildings. Additionally, the EMC has also designated GTCS as the Authorized Agency to conduct Energy Audits for Government Buildings in three districts, namely Ernakulam, Thrissur and Idukki.

- GTCS has successfully completed several cycles of Audits and Post Audits for over 200 buildings in India which include High Court, District Courts, Govt Offices, Large Malls, Super Specialty Hospitals, Resorts and Hotels, Educational Institutions including Engineering and Medical Colleges and Schools, Commercial Establishment including Banks, Office Buildings and IT Buildings. The Purpose of a diligent Energy Audit is to determine the existing energy and Water consumption and patterns of the buildings including generating the inventory of power consuming equipment and systems.
- Once the data collected from the on-site analysis is collated into a detailed report, GTCS Energy Professionals, who are also acclaimed Green Building Experts, provide suggestions and advisory to cut down high costs in energy and reduce Energy Bills and Maintenance Costs.
- GTCS assists the Client in retrofitting the systems and equipment wherever required to raise the Energy and water compliance levels.



Lulu Mall, Kochi



Government  
 Engineering College, Thrissur



Park Hyatt Resorts, Goa



Government Medical College  
 Kalamasery, Kochi



St Gregorious Cancer Hospital  
 Parumala



High Court of Kerala



Marriott, Kochi



SUT Hospital, Pattom, Trivandrum



Government Medical college, Thrissur



Little Flower Hospital  
 Angamaly

## Some of our major clients are

- Lulu Mall, Kochi • High Court of Kerala, Kochi • Government Engineering College, Thrissur • Government Engineering College, Idukki • Park Hyatt Resorts, Goa • Grand Hyatt Resorts, Goa • High Court of Kerala, Kochi • District Court, Thrissur • Government Medical college, Thrissur • Government Medical College, Kalamasery, Kochi • Sunrise Hospital, Kochi • Specialist Hospital, Kochi • General Hospital, Ernakulam • Zuri Resorts, Kumarakom • Marriott, Kochi • Hilton Garden, Kochi. Trivandrum • Taj Resorts, Bekal • Lalit Resort & Spa, Bekal • Lalit Resort & Spa, Bangalore • Saj Earth Resorts, Kochi • Prestige Neptune Courtyard Apartments, Kochi • NEXT Education Corporate Office, Hyderabad • St Gregorious Cancer Hospital, Parumala • SUT Hospital, Pattom, Trivandrum • Purva Eternity Apartments, Kochi • Purva Moonreach Apartments, Kochi • KIMS Hospital, Kochi • Lakshmi Hospital, Kochi • Lakshmi Hospital, Aluva • Kerala Maritime Institute, Kochi • Regional Drugs Laboratory, Kochi • Little Flower Hospital, Angamaly • Four Points Sheraton Hotel, Kochi • Kairali Cars Showroom, Trivandrum • Kairali Cars Showroom, Kochi • SBI Internal Audit Department, Hyderabad • KSFDC – 9 Theatres across Kerala • Taluk Hospitals across Kerala • Taluk Hospitals across Kerala • Government Polytechnics across Kerala • PWD Rest houses across Kerala

## Mechanical, Electrical, and Plumbing (MEP)



Vasundhara Sarovar Resort, Cherthala



Medical College Pariyaram, Kannur



Erandia Resorts, Alappuzha



BPLC township, Kochi



Lulu mall, Kochi



KIMS, Trivandrum



LEELA, Kovalam



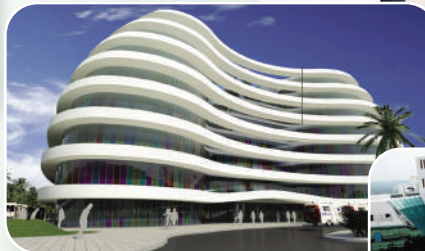
Raviz, Kollam



NABARD, Trivandrum



Indeevaram, Koratty



Hospital, Koothuparamba



CDAC, Trivandrum

### A Pioneer in MEP Services

#### Introduction

Ganesh Technical Consultancy Services (GTCS) was established in 1997, initially focusing on consulting services in the domain of Water Supply and Sanitary Services, Water and Sewage Treatment Plants, Boilers, Fire Protection Systems, and Irrigation Systems. Over the years, GTCS has evolved into a comprehensive MEP Services Firm, bolstered by the incorporation of seasoned experts in Electrical Engineering and HVAC Engineering and Design.

#### Evolution and Growth

From its inception as a specialized consulting firm, GTCS expanded its capabilities and service offerings by integrating experts in various engineering fields. This strategic move enabled GTCS to offer a full spectrum of MEP services, starting from conceptual design to detailed engineering drawings and estimates. The addition of highly skilled professionals and collaboration with some of the nation's best designers has been instrumental in GTCS's advancement.

#### MEP Services Offered

##### GTCS's MEP services encompass:

- Concept Design and assistance to Architects and Structural Engineers in the fixing of tanks, ducts, routing, and

toilet layouts.

- Preliminary estimates for project costing enhanced through the utilization of state-of-the-art technologies and equipment.
- Detailed engineering drawings and estimates.
- Initiation of the tendering process to identify the most suitable contractors for the works.
- Expertise in Green Buildings ensures that MEP services are designed to be green certifiable, incorporating renewable energy sources such as Solar PV and efficient hot water generation systems.
- Supervision of the works at Site through the services of experienced and seasoned Engineers ensures that the concepts designed are taken to conclusion to ensure the projected performance of designed systems.

### Expert Team

GTCS boasts a team of engineers with extensive site experience, available for supervision of works across various projects. The firm's vast expertise in green buildings further guarantees that all MEP services are designed to meet green certification standards, contributing to sustainable development.

- Residential Apartments
- Residences
- Hotels and Resorts
- Railway Stations
- Commercial Buildings
- Malls and Theatres
- Amusement Parks
- Stadia
- Hospitals and Clinics
- Factories
- Industrial Kitchens and Cloud Kitchens
- Industrial Parks
- Laboratories
- Educational Institutions
- Universities

### Geographical Reach and Scale

GTCS has successfully completed MEP services for more than 100 million square feet of built area, spanning across India, UAE, Bangladesh, Qatar, and the Maldives. This extensive track record underscores GTCS's capability to deliver high-quality MEP services for any project typology, cementing its reputation as a leader in the industry.

Ganesh Technical Consultancy Services (GTCS) has come a long way since its establishment in 1997. With a robust team of experts and a comprehensive suite of MEP services, GTCS continues to set benchmarks in the construction and engineering industry. The firm's commitment to green building practices and sustainable development further exemplifies its dedication to excellence and innovation. GTCS remains poised to tackle future challenges and opportunities, delivering exceptional MEP services to clients worldwide.

### Some of our major clients are

- BPCL township, Kochi • NEXT Education office, Kochi • City centre, Chengannur • CPI(M) Corporate Office • Corporate office for PH Value Shipping, Kochi • Medical College Pariyaram, Kannur • KHB PLATINA MALL, Kochi • Lulu mall, Kochi • Zonal offices Kollam corporation, Kollam
- Vasundhara Sarovar Resort, Cherthala • Erandia Resorts, Alappuzha • Upgradation of 10 ITI's for Govt of Kerala • SNIMS Hospital, Chalakka • Pushpagiri Hospital, Tiruvalla • Believers Church Hospital, Tiruvalla • Skyline Builders • SFS Builders • Capstone Developers • Heera Builders • Chevron Builders • Cordial Foundation • Meditrina Hospital, Kollam • Confident Group • KTDC • The LEELA group • Raviz Kollam • Le Meridien • KGISL ,Coimbatore • Lakeshore Hospital, Kochi • Prasanthi Hospital, Malappuram • Holy Cross Hospital , Kollam • KIMS Trivandrum • PVS Hospital, Kochi • Cosmopolitan Hospital • Sunrise Hospital, Kochi • Specialists Hospital, Kochi • Taluk Hospital Payyannur for HLL • Taluk Hospital Adoor for HLL • Taluk Hospital Kattapana for HLL • Rajiv Gandhi Centre for Biotechnology , Thiruvananthapuram • NABARD
- Bangalore International Airport • Jayalekshmi Silks, Calicut
- Jayalekshmi Silks , Trivandrum • Kalyan Silks , Kochi

## Structural Design



Saj Hotel, Kolenchery



Kamalas Complex, Chengannur



Kollam Municipal Corporation



Residence for Dr Roy, Alappuzha

Ganesh Technical Consultancy Services (GTCS), led by civil engineers with proven academic credentials in structural engineering and partnered by associates of equal or higher academic qualification and experience, GTCS is experienced in creating large infrastructure and building projects across India and the Middle East. At GTCS, state-of-the-art software including ETABS and REVIT is currently being used for modeling buildings.

A few of the major buildings in the Southern Naval Command Kochi and Services Building for INS Valsura for the Military Engineering Services have been constructed with an aggregate built area of 7 lakh square feet. For a large residential villa project in Sharjah, GTCS has provided structural design and detailed drawings. For commercial buildings across Kerala, over 5 lakh square feet, GTCS has rendered structural designs. For academic buildings, including campuses with hostels and indoor stadia, GTCS has provided structural designs for over 10 lakh square feet of built space.

In addition, GTCS has rendered structural designs for buildings in Pune for Akshaya Patra Kitchens, KINFRA buildings, the municipal market for Aluva Municipality, and several other Institutional, Commercial, residential buildings and apartments.

**GTCS has successfully completed 20 lakhs sq.ft of structural design.**

### Some of our major clients are

- Military Engineering Services (MES Kochi) • City Centre Chengannur
- Corporate Office for PH Value Shipping Company Kochi • Kollam Municipal Corporation
- Saj Hotel Kolenchery • Upgradation of 10 ITI's for Govt of Kerala
- Kamalas Complex Chengannur

Some of our major clients are

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 HITES HLL INFRA TECH SERVICES LTD		 Building the Future	 Kerala State IT Infrastructure Ltd		
 SPECIALITY HOSPITAL			 THE MOUNTAIN RESORT	 FOR THE LEAST	
 केनरा बैंक Canara Bank			 HOSPITAL KOTTAYAM, KOLLAM, KERALA		
		 INSPIRING GROWTH			 THALASSERY
					
					 energising lives
 CASE BEYOND CLINIC				 SINCE 1935	
	 A STATUTORY BOARD OF GOVT. OF KERALA	 The trusted family hospital			 FRAGRANCE OF COMPASSION
			 SREE NARAYANA INSTITUTE OF MEDICAL SCIENCES		



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