



JACOB
ENGINEERS

Specialists in
Structural Engineering



www.jacobengineers.in



We are driven by high passion to provide optimal and innovative solutions for all your Structural Engineering requirements. Our team of experienced engineers strive to deliver optimal solutions for all your engineering requirements in timely manner. We believe in delivering total quality solutions that are a perfect fit for your structural requirements. Versatility is our forte. With highly accomplished & experienced engineers, our engineering team has completed 300+ projects so far. We have explored every aspect of structural engineering in great depth. Jacob Engineers have proven expertise in industrial, commercial, residential and retrofitting projects.

Our team of experienced engineers strive to deliver optimal solution for all your structural engineering requirements in timely manner

CIBI JACOB

Chief Consultant

After completing his Civil Engineering degree from College of Engineering Guindy, Anna University, Chennai, he went on to complete his masters in Structural Engineering from the prestigious Indian Institute of Technology (IIT), Delhi.

He was the recipient of the prestigious DAAD Sandwich Model Scholarship for taking up research work in Germany. He had carried out extensive research in the field of Earthquake Engineering at the Technical University of Dresden, Germany. His research interests include earthquake resistant design of structures, seismic reliability and performance based design. A number of his works have been published in international journals. He has actively participated in many conferences and workshops in the field of Civil Engineering.

He has worked with diverse projects scattered all over India. He was employed at Larsen and Toubro construction division, where he has made significant contributions to many large scale industrial projects. His rich experience and deep technical expertise is reflected in his work.





Services

STRUCTURAL ENGINEERING

Our structural engineering services cover a gamut of requirements like new constructions, refurbishment of existing facilities, renovations and expansions. We use cutting edge technology for comprehensive structural analysis and design that covers factors like fire resistance, vibration and dynamic response to aerodynamic, seismic and blast induced forces. We provide structural designs for...

- Steel Structures
- RCC Structures
- Pre-engineered Buildings
- Composite Structures
- Pre-stressed concrete structures
- Timber structures
- Glass and aluminum structures
- Light weight structures

STRUCTURAL FORENSICS

Jacob Engineers provide complete assistance in the structural forensic investigation of products, materials, structures or components that fail or do not function as expected. Our structural forensic experts pinpoint the cause and provide evidential data, which is useful in determining the cause of the accident.

RETROFITTING

We understand that seismic retrofitting is much more complex than conventional repair or rehabilitation, which is why we carry out a streamlined retrofit analysis. The first step is to assess the condition of the structure, and then evaluating the seismic forces and finally choose the most suitable retrofit strategies and construction. We assist you with...

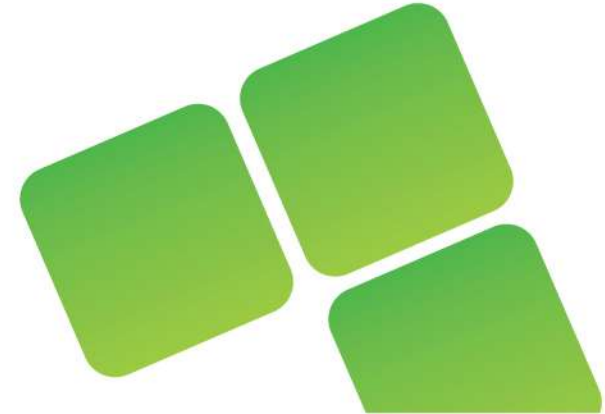
- Strength evaluation using NDT
- Repairs
- Rehabilitation
- Seismic retrofitting
- Retrofitting for enhanced loads
- Restoration

PEER REVIEW

Architects or lawyers or developers looking for a neutral third party opinion on structural designs can rest assured of transparent and unbiased evaluation. We conduct a thorough verification of the structural model and results provided and perform independent analysis based on the client's requirement.

CONSTRUCTION SUPPORT

With Jacob Engineers handling structural analysis, you can rest assure of zero instances of failure. Our holistic approach ensures the stability of both permanent and temporary structures. We provide trusted and comprehensive temporary structure designed for highest degree of safety and stability.



SPECIAL PROJECTS





Raft supported
on pile foundation



Flat Slab Floor
With Inclined Support



Multi Cell Box Girder

STEEL PROJECTS





Skylight Structure



PEB Warehouse



Long Span Trusses



Long Span PEB

CONCRETE STRUCTURES



School Building



Cantilever Slab



School Building



Long Span
RCC Building

School Building



Y Shaped Column



Open Courtyard
(Front Side)



Open Courtyard
(Back Side)





Office Building



Office Building

Cantilever Elevations



Shear Struts for
Punching Shear



Slope Roof



Transfer slab for
floating column

Office Building
with Column Free
Work Area



ZION INTERNATIONAL
PUBLIC SCHOOL



School Campus



LEARN TO LEAD



Olive Tree
International School



Other Projects

Retrofitting



Before



After



Industrial Building at Chennai



Hospital building in Chennai



Residence at Selaiyur



Residence at Tambaram



Retrofitting at ECR

Other Projects



Residential building at KK Nagar



KAG, Vadapalani



KAG, Madurai



Residential building at Anna Nagar



Residential building at
Guduvancherry



Admin block, Zion school

Events

A highly motivated and talented team is behind the success at Jacob Engineers. We take part in various events in INDIA and Abroad.



**VISIT TO BROAD GROUP,
CHINA**



**JACOB ENGINEERS
ANNUAL CONVENTION**



**FINLAND VISIT
PRECAST CONSTRUCTION SITE**



**WCEE, SANTIAGO,
CHILE**

Events



**JACOB ENGINEERS
ANNUAL FUNCTION**



**INDUSLAND BANK
INAUGURATION**



**OLIVE TREE SCHOOL
INAUGURATION**

Some of Our Prestigious Clients



Corporate office

JACOB ENGINEERS

#7, 100 Feet Road, Rajeshwari Nagar Extn Selaiyur,
Chennai - 600 073 , India.

☎ 91769 72727 | 91761 72727

✉ cibijacob@jacobengineers.in | info@jacobengineers.in

www.jacobengineers.in

