

Introduction

We are Civil & Structural Consultants with experience in design of structures for various sectors such as Buildings, Infrastructure and Power.

We are capable of designing structures for – Metro Rails, Highways, Infrastructure projects (Bridges) , Power plants, Soap Plants, Paper Plants, Chimneys, Underground structures/Overhead tanks, Substation, Switchyard structures, etc. Design of structures for wind/earthquake forces, foundation subjected to vibration, pile foundations, etc.,.

We work closely with our clients and partners and take on their challenges like they're our own. Our clients choose us because of our commitment to safety and quality service, because our relationships are rooted in trust, and because our capable teams have the excitement and skill to tackle challenging problems.

Our Sectors

- Buildings & Architecture
- Transportation Infrastructure – Highways ,Railways
- Water & Effluent Treatment
- Power Transmission and Distribution
- Solar Energy

Our Expertise

Buildings

- Pre Stressed Concrete – Post Tensioned Slabs
- Structural Detailing – Concrete and Steel Structures
- Pre Engineered Buildings
- Residential, Industrial and Commercial buildings

We are structural consultants to number of flat promoters - **India Builders Pvt. Ltd, Red Brick Constructions, Hansa Vision Private Ltd., Shanti Niketan Pvt Ltd., Annai Builders.,** etc. We have carried out design of more than **2000 residential and commercial buildings in our tenure** from 2001.

Bridges

We provides engineering services for construction of infrastructure projects. We specialize in all kinds of bridges including long span like

- Cable stayed, Balance cantilever and Extra-dosed bridges
- Pre Stressed Girders
- Road Over Bridges and Box Culverts

Our Services

We offer entire gamut of project engineering services in addition to other pertaining activities. We render services in the following areas

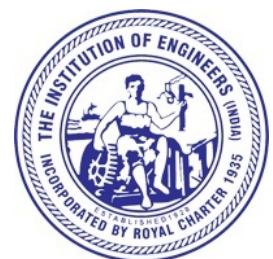
- ✚ Feasibility Studies and Project Reports
- ✚ Detailed Project Report
- ✚ Conceptual Design
- ✚ Assistance in Vendors' design and drawings
- ✚ Detailed Engineering
- ✚ Proof Checking
- ✚ Construction Management and Site Supervision
- ✚ Pre - Investment Studies

Office Profile

- Software Packages - **STAAD-PRO-v8i** , **E-TABS** for Structural Analysis & Design
- For Drafting Purpose **AUTOCAD 2019** – is used by us.
- SKETCHUP, Revit Architecture & 3Ds max – Architectural Tools

Memberships

- Institution of Engineers (India) – Registered and Chartered Engineers
- Association of Consulting Civil Engineers – Member of the institute
- Grade-1 Registered Structural Engineers with CMDA - Chennai Metropolitan Development Authority





Our founder and Structural Consultant , Mr.V.R.Ravindran has 40+ years of experience in Civil & Structural design. Mr.V.R.Ravindran was working with Development Consultants Ltd (Power Plant Consultants) for 18 years since 1983 to 2001 and started practicing on his own at V R P Consultants in the year 2001. He has also served at various Engineering roles at **Pithavadian Partners**, TWAD Board , Pioneer Engineering Corporation in his tenure of 40 + years.

Structural Engineers

- Mr.Ravindran - Senior Structural Consultant
- Mr.Vadivel Raja - Senior Structural Engineer
- Mr.Alagu Pandi - Engineering Consultant
- Mr.Prakash - Structural Engineer
- Mr.Satheesh - Technical Advisor
- Mr.Padmapriya - Structural Engineer
- Mrs.Nithya - Structural Engineer

Structural Detailers

- Mrs.Renu Priya - Senior Structural Detailer
- Miss. Santhya - Civil Engineer
- Mr. Sakthi - Junior Draftsperson
- Mr.Hari Prashant - Structural Detailer
- Mrs. Aswini - Civil Engineer

Recent Projects handled by us

Major Projects Involved & Clients

- IRWO – Indian Railway Welfare Organisation.
- AWHO – Airforce Welfare and Housing Organisation.
- 200+ Residential Buildings for **India Builders, Annai Builders**, Chennai.
- Sub- Consultants to **LNT, Fichtner Consulting Engineers, BGR Energy and SPML.**



- Industrial Complex – Buildings for store, factory, locker room for workers , etc at Nellore and Tada at Andhra Pradesh – 75,000 Sq.ft –for Nippo Batteries (Indo-National Ltd).
- Apache Footwear, Sullurpet, Andhra Pradesh
- Chennai Metro Rail Stations.
- **Murali Architects, Bhaskar Architect, Rajendran Associates**
- **Helio Engineering Pvt. Ltd.,**
- **Engineering Consultants & Contractors**

Industrial Projects

- Industrial Complex – Buildings for store, factory, locker room for workers , etc at Nellore and Tada at Andhra Pradesh – 75,000 Sq.ft –for Nippo Batteries (Indo-National Ltd).
- Industrial buildings at Gummidipondi for M/S. Krishna Agrochem, Chennai – 4000Sq.ft. – Ground + two floors – floors on steel Beams.
- NIPPO BATTERIES - INDO-NATIONAL LTD-NELLORE - TADA –Number of buildings.
- TAMIL NADU CRICKET ASSOCIATION - Steel Structure for Lift Well 18m tall For Press and VIPs in D Stand, in MAC STADIUM Chepauk, Chennai. – M/s. Ganesan Builders Ltd.
- Industrial Building for SISCO – Ground + Four floors – 15,000 Sq.ft at Chennai.
- Industrial Building for M/S. Krishna Agrochem – 10000 Sq.ft Architect: Alex Charleson.
- Pretender design of firewater reservoir for HPCL at Vishakapattinam for Mr.B.Belliappa – Capacity: 5000 cu. meter reservoir structure on piles.
- Pipe rack structure for Van Melle confectionary (India) Ltd., - Chennai for piping contractor – M/S. Stewards Lloyds, Chennai.
- Pipe rack structure for SISCOL, near Salem for M/S. Stewards Lloyds, Chennai.
- Design for pipe supports, thrust blocks, surge tower for BSES. Contractor: Stewarts & Lloyds, Chennai.
- Industrial building Extn, for Samco metals & Alloys, Vaniyampadi, Vellore.

Architect: Babu & Associates.

- SIECHEM Technologies Pvt. Ltd – Beam Room Project at Pondicherry, RC structure with RC wall and Slab (no brick work used).

Commercial Projects

- Canteen building & office building for MM Forgings – Ground + three floors– 36,000 Sq.ft - at Madurai.
- New Quality Control Lab at Cuddalore for Shasun Chemicals & Drugs Ltd.- Basement + Ground + Three floors – 17,000Sq.ft – Architect : Format (Mr. Pramod Madhavan).
- Auditorium for Tuticorin Port trust – 15000 Sq.ft at Tuticorin Architect: PADGRO– Mr.B.S.Moorthy.
- Commercial building for Agsar paints – 5000 Sq.ft – Ground + three floors. Architect: Kothandan & Associates.
- Canteen building & office building for MM Forgings – Ground + three floors– 36,000 Sq.ft - at Madurai.
- New Quality Control Lab at Cuddalore for Shasun Chemicals & Drugs Ltd.- Basement + Ground + Three floors – 17,000Sq.ft – Architect : Format (Mr. Pramod Madhavan).
- Auditorium for Tuticorin Port trust – 15000 Sq.ft at Tuticorin Architect: PADGRO– Mr.B.S.Moorthy.
- Commercial building for Agsar paints – 5000 Sq.ft – Ground + three floors. Architect: Kothandan & Associates.
- KAR Group of companies - Research & Development centre near College Road, Chennai – Murali Architects.
- KAR Group of companies - Office building for Director, Mr.Akmal near College Road, Chennai – Murali Architects.
- Kalyana Mandapam at Annanagar East, Chennai for Siva Consultants.
- Kalyana Mandapam (Multistoried) at Nagercoil – Murali Architects
- Town hall building (Multipurpose hall) – at Palladam – Basement + ground + two floors– 72,000 Sq.ft – Architect – Mr.R.Bhaskar.
- Vegetable Market Complex at Tiruppur – 68,000 Sq.ft – For M/s. Archi-tec Allied.

- Commercial complex at Ayanavaram – ground + three floors – 8000 Sq.ft. Architect: Chettinad Designs.
- Part of commercial complex at village road, Chennai for Life style Investments.
- Canteen Building for Proposed Float Glass Factory for ASAHI INDIA GLASS Ltd., near Roorkee - for L&T-ECC-EDRC.
- Delhi metro Rail Corporation Ltd - Sub Station and Meter Room - Analysis for earthquake and other loading is carried out using STAAD PRO - 2003 - for L&TECC-EDRC-Chennai. - Design approved by DMRC.

Educational Buildings

- Extension for Zoology block at Madras Christian College, Tambaram. Architect: Alex Charleson.
- School Building at Uthandi for M/s. Samvit Sagar Ashram – Ground + one floor – 12,000 Sq.ft for Siva Consultants.
- School building at Velachery – Ground + three floors – 8000 Sq.ft. for Mr.Venkatraman.
- School buildings at Kottivakkam, Chennai for Mr. A.R. Venkataraman for Siva Consultants.
- Panimalar engineering college - additions to the existing building.
- KAR Polytechnic College at Ambur.
- Srikrishna Dhayana Nilayam at Ayapakkam, Chennai for Siva Consultants.

We have listed some of the Commercial, Industrial and Educational buildings handled by us for Civil / Structural design and we have handled more than 200 + residential projects in Tamil Nadu in our 20 years of engineering services.