



**PYRAMIID DESIGN**  
**INDIA PVT LIMITED**

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“We make best use of Modern Communication Facilities to remove Geographical Boundaries to bring our clients closer and offer our services on time every time”.

## **PYRAMID DESIGN.....**

Headed by Raghavendran, was formed to enhance the activities of Coimbatore Consultants, a 36 year proprietary firm providing Architecture, Interior Design, HVAC and Electrical engineering services. Pyramiid Design involved in Architecture, Interior Design, HVAC and Electrical engineering services, Structural Design and Project Management Services.

### **KEY PERSONALS:**

**RAGHAVENDRAN THUKARAM**, a Post Graduate in Engineering and a Registered Valuer with 37 years of experience in this field with the following credentials is the team leader. Good knowledge and experience in planning Multi-specialty Hospitals Apartments, Residential buildings, Institutions and Industrial buildings.

**SWAROOP RAJ RAGHAVENDRAN**, Junior Architect has planned high end bungalows including *concept interiors* designed to meet the dreams of our clients. His innovative ideas have impressed leading architects during & after his academic tenure.

**KARATHIKEYAN VISWANATHAN**, a Registered Architect with 11 years of experience is our Associate Architect;

**SRILAKSHMI SRINIVASAN**, a Specialist in Sustainable Design (Green Buildings) an Architect with Masters Degree in Computers, is now in India with 12 years of experience is our Associate Architect.

## **DETAILS OF SERVICES PROVIDED:**

### **ARCHITECTURAL SERVICES:**

Providing scheme plans  
Detailed Working drawings after finalization of basic scheme plans  
Elevation schemes & Perspective Views  
Interior layouts for Furniture, Plumbing and Electrical systems  
Details for Interior Finishes supported by drawings where required  
Walk through view after finalization of Project Details

### **INTERIOR DESIGN SERVICES:**

Providing Schematic layout of Interior  
Various views with colour schemes and final perspective views after finalization of layout  
Detailed drawings with specifications  
Execution drawings

### **STRUCTURAL DESIGN DRAWINGS:**

Basic Structural Element layout prepared in conjunction with Architectural layout  
Finalization of Loads based on the utility of the building  
Detailed design of entire structure to meet IS Code Specifications including Seismic Design  
Preparation of Detailed Drawings for all elements for execution  
Submission of Design Report to Client

### **HVAC & ELECTRICAL ENGINEERING SERVICES:**

Presenting to client about the basic considerations for design for approval  
Finalising the actual Load for both services  
Placing our suggestions on the type of equipment with reasoning based on design assessment  
Preparation of detailed drawings for execution

### **PROJECT MANAGEMENT SERVICES:**

Discussing with client to understand their requirements  
Coordinating with Architects and Structural divisions and arriving at an optimum solution and providing revisions with client input to arrive at an acceptable optimum scheme  
Collecting complete detailed Design Drawings and Specifications from Architects, Structural engineers, HVAC and Electrical engineers and submitting a consolidated detailed report to Client for Final Approval  
Prepare, Submit and follow up drawings and documents for submission to Local Planning Authorities for Plan Approval of Buildings  
Preparation of Detailed Estimates based on final report and place suggestions to client for any changes to fit into the proposed budget  
Preparation of Tender Document for all services and releasing to shortlisted contractors  
Preparation of Comparative Statement and a report after a detailed assessment of tenders submitted by contractors and placing our Recommendations to Client for Approval  
Preparation of Time Schedule for the Project with payment projections at various stages  
Supervision and Coordination with various agencies for Quality and timely completion  
Conducting regular site meetings to assess the progress and establish smooth flow of works  
Reporting to client at regular intervals to keep them update on progress and on the actual cost versus budget and regulate the project for a smooth completion  
Checking bills submitted by contractors and certify the same for payment  
Preparing a Consolidated Statement of Bills of various contractors to assess their bills and certify their final payment.

**FACTORS INFLUENCING TIME SCHEDULE:**

Firming up utility and requirement of the Building well in advance.

Finalisation of all Plans and Specifications of Materials.

Confirming orders to various suppliers well in advance and incorporating their requirements in the building design and get commitment for timely supplies from them.

Non occurrence of Natural Calamities.

Active participation from Client in expressing timely decisions on issues that would crop up during construction and maintaining proper fund flow.

## Pyramiid Design....

- ❖ Our services were recognized by **M/s. Larsen & Toubro Limited** and during March 2007 we signed an agreement as Sub-Consultants to them for providing Design & Drawings for Passenger Terminal Building for **Delhi International Airport Project** and successfully met our commitment.
- ❖ We have successfully completed more than 20 lakh square feet of designs for projects abroad.
- ❖ We have specialized in long span structures since 1998 using Hot rolled and Cold formed sections. We have completed a factory building of 25,000 sft within 70 days using pre-fabricated techniques.
- ❖ Industrial Projects on hand:
  - I. M/s. San Engineering & Locomotive Co. Ltd., Bangalore are manufactures of Locomotive engines for industrial use; expansion to their assembly unit and construction of new administrative office building.
  - II. M/s. Elmeasure Pvt. Ltd., Bangalore are manufactures of Electrical Energy Management Equipments for Industrial use. Construction of a new multistoried manufacturing facility at Hoovinayakanahalli Industrial Estate near the new Airport.
  - III. M/s. Eppinger Tooling Asia Pvt. Ltd., expansion to existing facility at Coimbatore.
- ❖ We have expertise in CONTROLLED ATMOSPHERE COLD STORES consultancy built to store perishable items which will remain farm fresh after a long storage period. We have executed projects within the predefined period.
- ❖ We have experience in building clean room for medical care and QC requirements.

**We have listed our major projects where we have provided Architectural, Structural and Management Services. We have executed projects within the predefined time frame.**

## **I. INDUSTRIAL BUILDINGS:**

1. Elmeasure India Pvt. Ltd., Energy Management equipment manufacturers. Production unit at Bangalore.
2. Factory Building and all Ancillary buildings for a German firm setting up to manufacture machines to make Food Grade Moulded Disposable items.
3. Expansion of 40,000 Sft, to the existing Special Tool making Germany based company M/s.Eppinger Tooling Asia Pvt. Ltd.
4. Multi- storied Factory building for M/s.Trident Pneumatics, Coimbatore to be completed in phases with about 17,500sft in each floor – completed by March 2008.  
New Factory building of about 75,000Sft to be started by February 2013.
5. Renovation with Additional Construction at **M/s.TTK Health Care Limited a Food Processing Unit** at Bangalore. Our responsibility to renovate the 26 year old unit to meet International Standards in every aspect as they plan for exports in future.  
Renovation of their Ortho plant – manufacturing artificial knee, by restructuring the entire plant to meet International Standards.
6. A fully automatic food Processing Unit M/s.Golden Fries, NRI promoters, with controlled atmosphere suitable for manufacturing **Frozen french-fries (100% EOU)** was executed on a Turnkey basis. (Area 40,000 sft). This is the *first such French Fries unit in India* which met all required International Standards.
7. M/s JB Conductors, Coimbatore a modern wire drawing unit with enameling facility. Two floor RCC structure completed in **120 days**.
8. An expansion project for M/s.RLM Ltd., Coimbatore was completed in 130 days.
9. Textile Trimmings exporters, M/s.India Trimmings Pvt. Ltd., alterations to existing building and additional construction to house their new product was completed within 90 days. (Area 25,000 sft)
10. M/s. BPL-US West Telecom Limited, Cellular Telephone project at Coimbatore, the Main Switching Centre which is the hub of the project was completely coordinated and completed within *75 days*.
11. M/s. Datafield India Pvt. Limited (Area-22000Sft), Neelambur Coimbatore. (100%EOU)  
Factory building for manufacturing telephone chords which has been completed ***in all respects within 70days***.  
We have completed another multi-storied EOU building (Area - 10,000Sft in three floors) within 90 days using latest methods of construction and design.

12. Meridian Industries Limited, a unit of *M/s. Precot Mills Ltd.*, Coimbatore. Just completed near Pollachi during 1995 (Area 1,20,000 Sft.). And extension works completed in their existing units at Walayar Dam, Hindupur and Karur.
13. *M/s. Sri Ramakrishna Mills (Coimbatore) P Ltd*, Textile Mill at Sathyamangalam completed in four months. Their O.E. Plant with Blow room and Preparatory Sections and with required Supply Air and Exhaust Plans at Sathyamangalam
14. *M/s. Aishwarya Textiles Limited*, Udmalpet. A unit of *M/s. Narayan Krishna Mills Pvt. Ltd.* (Area-60,000 Sft)
15. *M/s. Sholingur Textiles Limited*, Sholongur. A complete textile mill with all amenities. (Area 80,000 Sft.)
16. *M/s. Everwin Textile Mills Private Limited*, near Pollachi- Building in progress.(Area-70,000 Sft.)
17. Spinning Mills for *M/s. Kallam Agros Limited*, Guntur at Guntur- completed. (Area 80,000 Sft).
18. *M/s Senthil Papaya & Food products Pvt. Ltd.*, at Savadi (Area- 10000 Sft), Coimbatore. A Papayin extraction unit with cold storage unit.
19. *M/s. Paulson Coffee Curing Works – Unit II*, at Zamin Uthukuli Village, Palghat Road, Pollachi.

## **II. HOSPITALS:**

1. A 500 bed multi-specialty hospital for *M/s. Hope International Hospitals*, Kakinada promoted by an NRI from USA to meet high medical standards.
2. A 100 bed multi-specialty hospital and a Diagnostics Center including MRI & CT for *M/s. Sushruta Hospital*, Hubli
3. A Green Building to house Modern Physiotherapy Department using Pre-fabricated method of construction with solar powered Air-condition system for *GKNM Hospital*, Coimbatore. A Laundry cum bachelors quarters in a Multi-storied building for *GKNM Hospital*, Coimbatore.
4. The major expansion at *M/s. GKNM Hospital*, Coimbatore. Architecture & Interiors, HVAC & Electrical services for Trauma care, casualty facilities with specialized Ortho Theatre and two other specialty theatres with required infrastructure like post operative wards, etc are planned. Rooms completed in all respects. (Area : 40,000sft)  
Including the Entrance Arch for the Hospital including internal road layouts, areas for landscaping, etc.



5. Linear Accelerator room for Cancer Treatment has been built for M/s.GKNM Hospital with complete specifications from AERB including interiors, HVAC & Electrical services.
6. Two Linear Accelerator rooms for Manipal Group, one at Bangalore Hospital was strengthened for radiation proofing with about 100 tons of steel plates used in the existing building to make it radiation proof. Manipal Hospital at Mangalore for a 6Mv LINAC including interiors, HVAC & Electrical services. Both projects received BARC approval at the first instance. We are working on their Oncology Department with Bunker for their Vijayawada Hospital.
7. Twin LINAC Bunkers for BGS Global Hospitals, Bangalore recently inaugurated.
8. LINAC & Cyberknife Bunkers for KIMS Hospitals, Trivandurm.
9. Three LINAC Bunkers, Console rooms and Treatment room areas and a 14 floor hospital building for M/sGlobal Hospitals, Chennai; the work is in progress.
10. A multi-specialty hospital, 'VG Hospital' with Trauma care on Mettupalayam Road with all modern facilities. Total built-up area 48,000 Sft.
11. A seven floor Multi-specialty Hospital for M/s. Coimbatore Kidney Centre, Coimbatore has been planned for about 63,000 Sft with all facilities.

### **III. APARTMENTS & RESIDENCES:**

1. We are consultants to M/s.Ramani Realtors Pvt.Ltd. for most of their projects for architectural and structural for the past fifteen years.  
Two Multit-storied apartment buildings, one near Thudialur on Mettupalayam Road and the other on Nanjundapuram Road.  
A Gated colony at Chinavedampatty near Kumaraguru College.
2. Apartment projects for Mr.Shanmugham near Saravanampatty in Coimbatore which is an IT hub.
3. Our client M/s.Ahal Associates, Coimbatore has entered into promotion activity. To start they are venturing on two projects immediately.
4. Staff quarters for TAMILNAD MERCANTILE BANK (Area- 14370 Sft) at Srinath lake view layout off by-pass road, Puliakulam, Coimbatore.
5. We have designed many High end and medium scale residential projects in Tamilnadu.

### **IV. BANKS:**

1. **THE KARUR VYSYA BANK LTD.,** Karur. We are Consultant Architects for most of their projects providing complete solution including Interiors, HVAC & Electrical services. We have completed their branches at karur, Namakkal, Kulathupalayam & Tirupur. Currency

Chest at Karur, Vijayawada housing divisional office and branch in the same building. Their Central Branch at Karur and the Vijayawada buildings have become notable land marks.

We completed ***another landmark building at Madurai;*** similar to Vijayawada building, it houses a Currency Chest, Divisional Office and a Branch in 10,000 Sft. Provisions are being made to install VSAT connection to connect all their branches in the division and to central unit at Karur.

The first Foreign Exchange Branch at Tirupur designed to excel the foreign banks with a most modern high –tech interior and a stunning exterior during 1995

Their First and Prestigious Branch of KVB was shifted to their own premises with a new modern building at Karur.

And their high business branch at Karur- Central Branch with 6500 Sft with first and second floors housing their staff training college with modern teaching aids We completed during 1995. ***The building is presently a land –mark at Karur due to exclusive planning and elevation.***

**We suggested *Modular Furniture Layout* for their entire Central Office at Karur and have implemented the same during 1993. The modular layout we gave has ccommodated all their present and future requirements. This actually has made them postpone their plans to build one more floor.** Similarly we have provided furniture layout for their Salem Branch, Namakkal branch, Trichy cantonment branch and many other branches. Major Housing schemes for Senior Executives at Karur.

A group housing project staff quarters for their employees at Karur. Forty-eight units built comprising of twin blocks and independent blocks. The total project is scheduled to be completed within ten months. The total area of the group housing is 60,000 sft approximately.

Proposed building for Currency Chest and Banking hall at Thindivanam; planning has been completed.

2. Interiors for two floors in the **Zonal office of State Bank of India, Coimbatore (20,000 sft)**. Singanallur Branch, SAARC office, Ooty Branch interiors are few of other projects in State Bank of India. Upgrading Commercial Branch at Tirupur in two floors with Hi-tech banking facility.
3. A building for M/s.State Bank of India, RS Puram Branch at RS Puram.
4. Tamilnadu Mercantile Bank, Coimbatore. We suggested structural alterations to existing building to house the strong room and helped to locate their branch in the building. We also designed their executive staff quarters and completed in a record time.
5. We are consulting architects for **State Bank of Patiala** and have completed their Interior projects in Tirupur, Madurai, Karur, Chennai and Coimbatore.

**V. EDUCATIONAL INSTITUTIONS:** (Architecture, Interiors & HVAC services provided for all projects)

1. Mechanical Block and Ladies Hostel for CSI College of Engineering at Ketti. The project has been completed. The terrain posed many problems as the building was located on a slope with slippery and weak soil conditions. The foundation was designed accordingly. Area of the project is 55,000 sft.
2. Dr.GRD COLLEGE OF SCIENCE, Coimbatore located at peelamedu. A Master Plan has been drawn. College, Library and Boy's Hostel Building, Girls Hostel, have been Completed (approximately 3,00,000 Sft).  
Two Hostel Blocks are under construction for their Management Institute and Teachers Training College.  
Information Technology Block (70,000 sft) a Hi-tech block with a modern placement centre and Auditorium, etc. in progress and will complete on time next month.
3. Dr.GRD Management School (40,000 Sft) has been completed. This building includes a Seminar/ Conference Hall and a large Computer Centre.  
A self-sufficient Commerce block with modern Library and Computer centre and classrooms / elective halls completed (28,000 Sft).  
Post Graduate Computer lab for MCA and MSc. Computer at Dr. GRD College has been completed (10,000 Sft.).
4. Dr. GRD Matriculation School has been completed with facilities up to tenth standard presently with required laboratories. Further one more floor is being extended totaling the area to 25,000 sft. A new block for kindergarden and secondary school has been added recently. New Building for CBSE School is under construction.
5. Higher secondary school for Baptist Bible School has been completed with required facilities of laboratories, Library etc.
6. Alumini Building for Government College of Technology, Coimbatore has been recently completed. It includes Conference Hall for 460 Students capacity, a Placement Hall with Alumni Office and Guest rooms.

**VI. RESIDNECES:**

1. High end residences by partly adopting Green building concepts are in progress / planning.  
We have completed more than 100 residential projects in the past.

## **VII. TEMPLES:**

1. CSI St. Stephen's Church building at Puliakulam, Coimbatore.
2. CSI Church building at TVS Nagar, Coimbatore.
3. Chapel building 1,500 people capacity for M/s. Bible College, Coimbatore.

## **VIII. IMPORTANT ASSIGNMENTS:**

1. CLOCK TOWER at North Coimbatore Fly-over for Round Tables of Coimbatore  
Designed and executed to completion in 35 days, was inaugurated by the Commissioner, Coimbatore Corporation on the 30<sup>th</sup>. December 1994.
2. Pedestal for Dr.G.R.DAMODARAN's Statue (ex Vice Chancellor of Madras University)at PSG Arts College which was unveiled by Sri. R. Venkatraman, then, President of India. We were also involved in the erection of the statue.
3. Layout for INTEC '91 Industrial Exhibition, which was originally to be held At PSGIMS grounds, was submitted.  
Layout for Rotary District 320- District Conference held at PSGIMS Campus.

**IMAGES OF DESIGN SUBMITTED TO M/S.LARSEN & TOUBRO FOR SHIP BUILDING UNIT.**



**KAKINADA HOSPITAL:**



**ELECTRONIC UNIT AT BANGALORE:**



**GKNM HOSPITAL,  
COIMBATORE.**

Major Expansion to the existing Hospital with OT Complex.  
 4 Major Operation Theatres, 20 Bed ICU, 44 Deluxe rooms,  
 Large waiting hall facing a landscaped garden, Consulting Rooms, OP Ward, and other amenities.  
 Project cost Rs.5 Crores during 2005 completed in 12 months.  
 A major challenge was to work in a running hospital without disturbing the inpatients in an adjacent ward



**IT BLOCK FOR GRD COLLEGE  
OF SCIENCE, COIMBATORE.**

A Rs.8 crore Information Technology Block for GRDCS is nearing completion totaling 15 months schedule.  
 Placement centre with 24mx24m column free auditorium with RCC roof in ground floor to house 500 students.  
 4 large computer labs to accommodate 500 students at a time.





**M/S. EPPINGER TOOLING ASIA,  
COIMBATORE.**

A Germany Based Engineering  
Industry manufacturing Precision  
Tools.



**KALPAKAVRUKSHAM  
APARTMENTS, COIMBATORE.**

