

**INTRODUCTION  
OF  
KEVIN GLOBAL  
ENGINEERING SERVICES**

## ABOUT US

### Overview

- Established in 2009,
- One of the fastest growing companies in India
- Strong strategic alliance with leading global companies
- Capability to handle orders of any size
- Strong and skilled work-force
- Our strength lies on Engineering & Infrastructure, Consulting and Application Development.
- Strong in providing backend /offshore with strong Infrastructure & Resource support .

### Vision

"To exceed the expectation of our customers"

By providing value to our customers with quality as the driving principle in products, services & relationships.

### Mission

"To provide integrated, cost-effective, state-of-the-art, quality solutions for utmost customer satisfaction".

# KEVINGLOBAL

Engineering Services | Application Development | Consulting

Our success is dedicated to the commitment and hard work of our dynamic team who are ever willing to apply the new trends and technologies and work on high standards and deliver the promise with quality.

**T - Teamwork • Q - Quality • P - Professionalism**



**HYDERABAD | VISAKHAPATNAM | DUBAI**

# KEVIN GLOBAL

Engineering Services | Application Development | Consulting



We always strive to venture into new areas without compromising on quality and commitment to time. With the technical expertise and the experience we have gained, we are confident that we will meet and exceed expectations - in current, future and any new challenging projects and environments.

Growth of KEVIN occurred through strengthening its core Mechanical, Electrical and Plumbing engineering services. The firm provides professional engineering services in the fields of HVAC, plumbing, electrical, fire protection, fire alarm, data, voice and BMS and we are capable of providing complete design services regardless of size or location.

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Our design philosophy is to create environments that are energy efficient and sustainable without compromising comfort, indoor air quality and required temperature and humidity conditions for preservation of contents.



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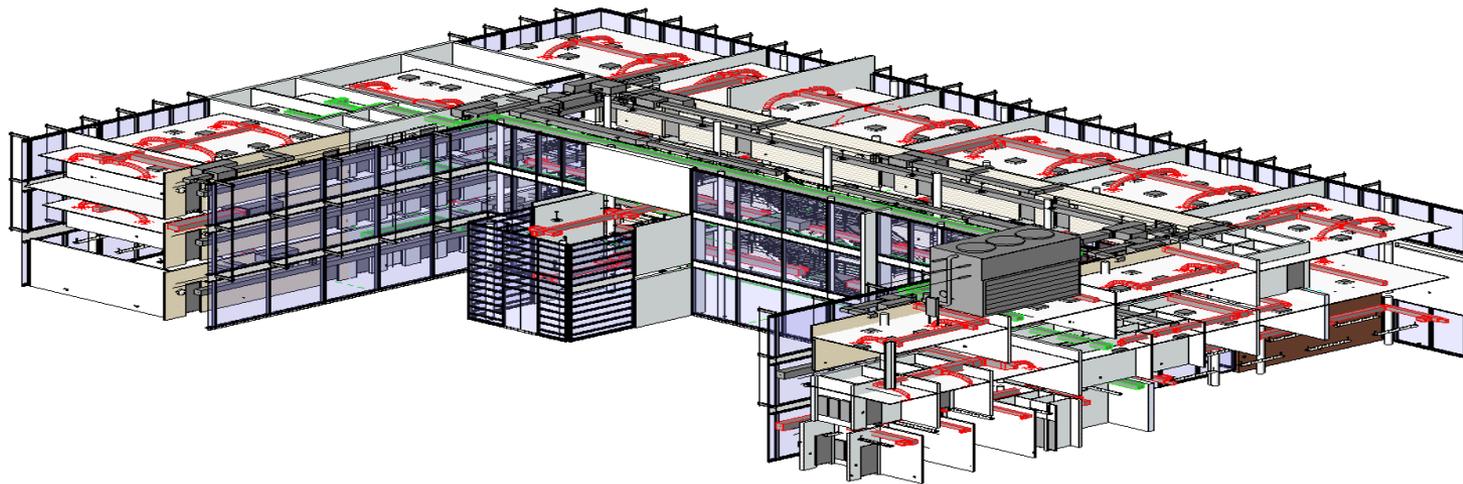
We have a versatile team of Design Engineers and Draftsmen under the leadership of Design Managers whose specialize in MEP design, drawing and drafting services

The collective professional engineering experience of our team members with the exploitation of the latest computer aided design, drafting and system development tools, guarantee the successful completion of any multifaceted engineering projects timely and cost-effectively.

Our Design department is provided with high specification work stations, sufficient number of plotters, scanner, and printers to meet the international standards and requirements in order to meet our client's expectations.

## Software Being Used for Electro-Mechanical Design

1. AutoCAD MEP 2015 and Revit MEP 2015 for design selection and production drawings
2. Dialux for lighting design calculation with databases from various lighting manufacturers.
3. Carrier-HAP for Cooling Load Calculation.



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We make your working and interacting experience with us different from others as we are able to provide all services in-house. Our in-house engineering team comprises of highly qualified **HVAC Design Engineers, Electrical Engineers, MEP Coordinating Engineers, Plumbing and Fire Fighting Designers** supported by talented CAD and REVIT Modelers

Our qualified engineers and technical experts provide sustainable designs and other value additions to the overall Project design requirements.

All the Designs are carried out in compliance with International Standards such as ASHRAE, NFPA, BS, IEC etc and Local Codes as applicable to the Region

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## Mechanical, Electrical and Plumbing Design (MEP)

From the start of any project,

- we understand the need to develop a building services where the internal environment is balanced, providing comfortable spaces for occupants while keeping carbon emissions and running costs as low as possible.
- For achieving this, we acquire an integrated approach, working with all members of the design team to ensure that all the MEP systems are strategically integrated into the project.
- Working collaboratively, we will always pursue a sustainable solution exploring the use of the building's location, orientation, shading and structural form to drive down the need for MEP installations.

## METHODOLOGY

### STEP-01 (MASTER PLANNING AND CONCEPT DESIGN STAGE)

- Engineering studies based on architectural drawings.
- Cost benefit options of different systems.
- Development of sustainable strategies.
- Assistance for statutory and other approvals.
- Preparation of concept design basis report.

### STEP-02 (SCHEME DESIGN STAGE)

- Preliminary engineering design and calculations.
- Preliminary engineering drawings and space planning.
- System configuration and equipment selection.
- Value engineering and alternate design solutions.
- Preparation of schematic design basis report.

## METHODOLOGY

### STEP-03 (DETAIL DESIGN STAGE)

- Finalize the design criteria.
- Detail drawings with all floor and external layouts.
- Co-ordination with Architect and Interior Designers.
- Building information modeling
- Preparation of final design basis report.

### STEP-04 (TENDER STAGE)

- Preparation of bill of quantities and cost estimation.
- Tender drawings and specifications.
- Participating in pre-bid meeting.
- Reviewing quotations received from contractors.
- Award of contract.

## METHODOLOGY

### STEP-05 (CONSTRUCTION STAGE)

- Kick-off meeting with all contractors.
- Review and approval of contractor's shop/GFC drawings.
- OR preparing shop / GFC drawings and get approvals from consultants.
- Periodic site visits for quality checks.

### STEP-06 (INSPECTION AND DOCUMENTATION)

- Inspection of major equipment's.
- Review final commissioning report.

## DELIVERABLES

### MECHANICAL (HVAC)

- Heat Load Calculations
- Project Scheme design
- Equipment Selections
- Air Distribution scheme and piping design
- Ventilation systems
- Staircase / Lift well Pressurization system
- Control system
- Staircase / Lift well pressurization systems

## DELIVERABLES

### ELECTRICAL

- Project Scheme design
- HT/LT Distribution systems
- Electrical Load Calculation.
- Back-up power arrangement
- Cabling and Bus riser system
- Panel and Cable schedules
- Lighting and power scheme design
- Earthing.
- Lighting and Renewable.

## DELIVERABLES

### PHE

- Project Scheme design
- HT/LT Distribution systems.
- Water Demand Calculations
- Water storage and Distribution
- Drainage System
- Rain water Harvesting
- Sewage Treatment plant
- Fire Hydrant and Sprinkler system

## DELIVERABLES

### LV SYSTEMS

- Fire Alarm System
- Public address system
- Access Control system
- Integrated Building Management system.
- Tele-communication system
- CCTV system
- Parking Management system

**Our MEP team has knowledge of the following International standards:**

- American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE)
- The Chartered Institution of Building Services Engineers (CIBSE)
- National Fire Protection Association (NFPA)
- Air-Conditioning, Heating, and Refrigeration Institute (AHRI)
- International Code Council (ICC)
- British Standards (BS)
- International Building Code (IBC)
- International Fire Code (IFC)
- National Electrical Code (NEC)
- National Electrical Safety Code (NESC)
- American National Standards Institute (ANSI)
- Institute of Electrical and Electronics Engineers (IEEE)
- National Electrical Manufacturers Association (NEMA)



## CONTACT ADDRESS

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### DUBAI

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**Thank You**