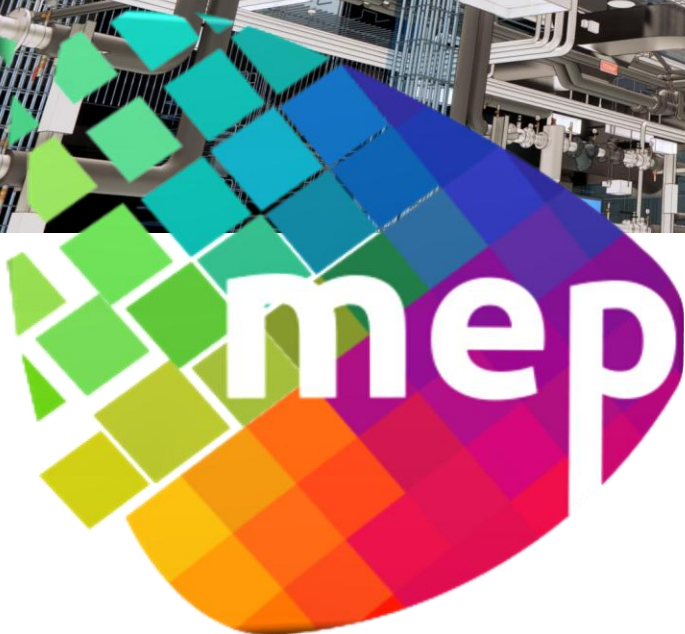
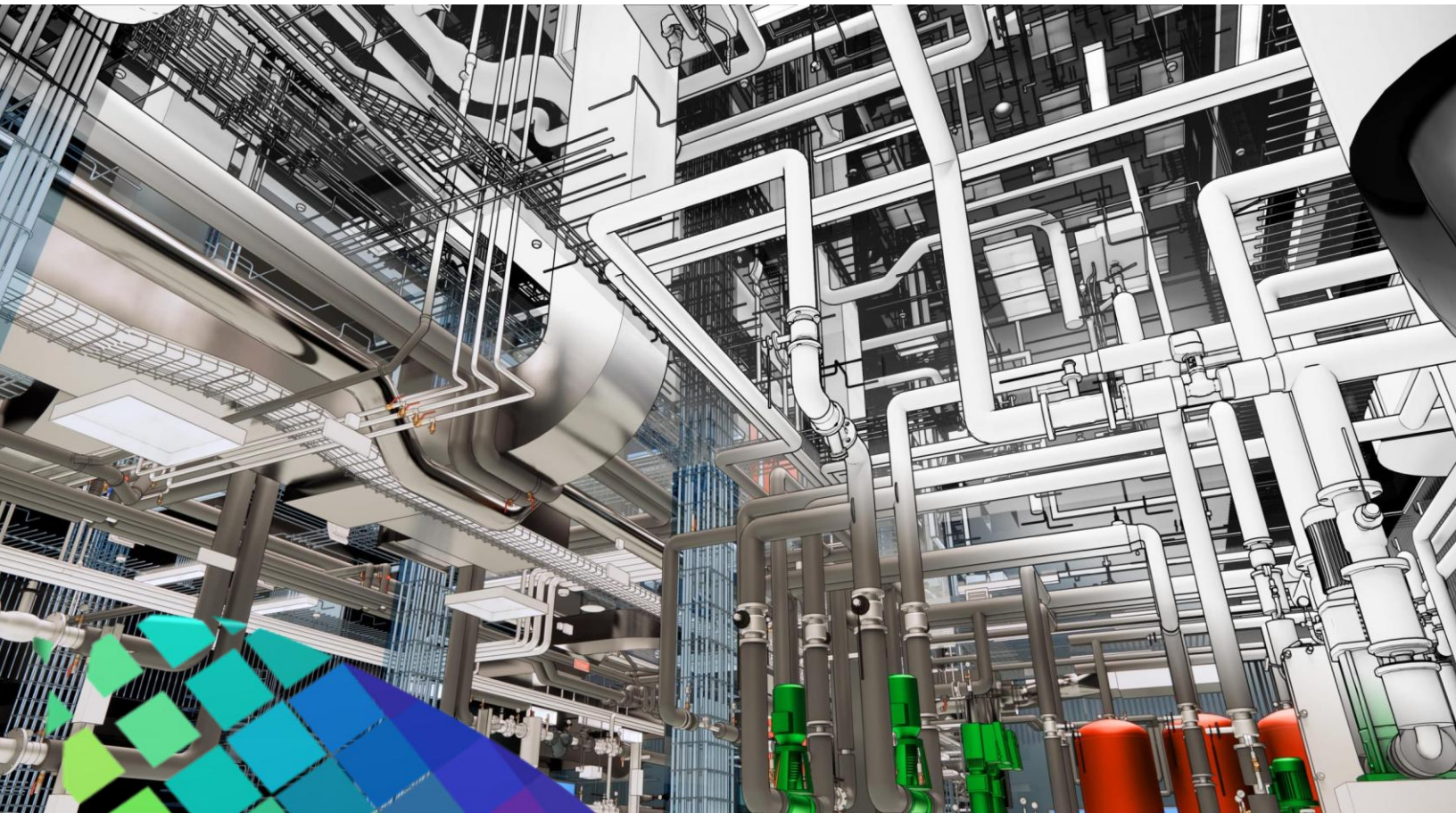




Deziign Insight Engineering Consultant

Company Profile





Who We Are

DeZign Insight Engineering consultant firm was founded by group of engineers who has worked with the global leaders in the international market and has excelled in the careers by utilizing their engineering insights for the betterment of the project and has come up with the best solutions by focusing on the green building concepts and energy conservation vision to make the world a better place to live.

The group, succeeding the achievements in engineering over the decade's hard work, has understood the deficiency of sustainable engineering solutions to the client by the markets current offerings. We are committed to deliver the best engineering solutions to achieve the comfort, safety and energy saving.

The team comprises of experienced consultants, continuously serving the needs of the clients with over 40 years of cumulative experience in HVAC, Plumbing, Fire Protection & Electrical systems for various prestigious projects in different growing nations, comprising of various infrastructure projects accounting in changing the face of the nations and empowering technology. To name a few; Metro Rail, Terminal Pumping Station for Storm Water System, Commercial buildings, Airport and many more!

Our expertise

Proficient in various international standards and vast experience in a range of systems including but not limited to:

HVAC – DX air conditioning system, Central air conditioning system, chilled water system, makeup and smoke extract system, staircase pressurization system etc.

Plumbing - Cold water system, hot water system, sanitary drainage system, de-watering system, storm water system, irrigation system, solar heating system etc.

Fire protection system – Sprinkler system, standpipe system, hydrant system, fire pump room design, fire water tank sizing etc.

Electrical – Lighting system, earthing system, load balancing, cable tray calculation, transformer sizing, voltage drop calculation, short circuit calculation, capacitor bank, standby generator and UPS sizing etc.

Our Vision

Delivering a more sustainable engineering.

Applying our deep market sector insights.

Make the future brighter for the coming generations.

Ensure the engineering is in line with the requirement of the client and work with you to ensure your vision comes to fruition.



Our Commitment

Complete HVAC, Plumbing, Fire Protection, Electrical -MEP Services and Green Building Designs by experienced professionals. We are focused to make the world a better place to live by promoting green building concepts.

We are committed to sustainability. It is a fundamental part of the projects and solutions we deliver for clients and our volunteers work to enhance communities for citizens.

We work in partnership with our clients to deliver exceptional and sustainable outcomes throughout the lifecycle of their natural and built assets.

Our Team

Our team discipline leads, engineers, 2D designers and 3D modelers of Mechanical and Electrical departments pose international experience in delivering the engineering for many prestigious projects of various nations. They have catered small scale as well as large scale projects with a goal of making this world a great place to live. They faced many challenges in their tenure and become the most nurtured engineering consultants by successfully executing the challenges and came out as winners.

“Dezign Insight team can cater to all technical needs of the client throughout the project life cycle.”

“We can provide technical support and skilled engineering solutions to your entire problem any stage of the project.”

Our team consists of:

Mechanical Engineers

Electrical Engineers

Project Managers

QA/AC Engineers

Architects

Quantity surveyors

3D Modelers & 2D Designers





Our leadership team



Our team is lead by professionals with high levels of ethics, sense of responsibility and technical expertise in the subject. At Dezign Insight we consider our team is the greatest strength for delivering what client needs and providing the best services to accomplish the tasks.

Our team discipline leads, engineers, 2D designers and 3D modelers of Mechanical and Electrical departments pose international experience in delivering the engineering for many prestigious projects of various nations. They have catered small scale as well as large scale projects with a goal of making this world a great place to live.

Mohammed Ahmed

Certified Mechanical MME engineer, Qatar.

Founder, Director and Mechanical Head – Dezign Insight Engineering Consultant

More than 15 years of experience in engineering consulting, construction & project management

Worked in Qatar UAE, Saudi Arabia and India for prominent projects including Research Center, Metro Stations, School, Storm Water Terminal Pump Station and many more.

Expertise in HVAC, Plumbing & Drainage, Fire Protection and Industrial Piping system.

Mohammed Ikram Qureshi

Operations Director – Dezign Insight

More than 25 years experience in engineering, construction, project planning and project management.

Worked in Saudi Arabia and India for various esteemed projects including 5 Star Hotel, Commercial Tower, Financial District, Industrial Facilities, Airport and many more.

Expertise in Project Management, Planning, Design, Construction for Civil, Architectural, Interiors and MEP works.



Mohammed Mateenuddin

Certified ELECTRICAL ENGINEER from FEWA – UAE and ADDC – UAE.

Electrical Head – DeSign Insight

More than 18 years of experience in engineering consulting, construction & project management.

Worked in Qatar, UAE, Saudi Arabia and India for prestigious projects including 5 Star Hotel, Metro Station, Palace, Commercial Towers and many more.

Expertise in Medium voltage and low voltage including low currents systems, Primavera P6 planning and MEP systems.

Trainer and speaker of technical courses in the field of MEP design and construction.

Mohammed Najeeb Ali

Mechanical Lead – DeSign Insight

Masters in Automobile Engineering from London, UK

More than 15 years of experience in engineering consulting, construction, design and construction coordination.

Worked in Saudi Arabia and India for mega projects including Research Centre, University, Metro Station, Branded car showrooms and many more.

Expertise in Mechanical systems including HVAC, Fire Protection, Plumbing, Drainage, Compressed Air, lube Oil Piping Systems and well verse with all international standards.

Mohammed Mujeeb Ali

Electrical Lead – DeSign Insight

More than 17 years of experience in engineering consulting, construction, design and site supervision.

Worked in Saudi Arabia and India for mega projects including Commercial Tower, Security Forces Buildings, University, Metro Station, Branded car Showrooms and many more.

Expertise in Electrical systems including Lighting Power, Low Voltage systems, ELV systems including Fire Alarm, CCTV, Building Management systems etc.



Why Dezign Insight Engineering Consultant – Explore what DI has to offer

As MEP Consultants, we provide cost-effective, high quality, and well-timed MEP engineering services using cutting edge technologies. Our engineering team comprises highly qualified Electrical & Mechanical engineers, MEP coordinators whose expertise is in HVAC, Plumbing, Fire Protection and Electrical systems designing as well as detailing and they are supported by experienced draftsmen and 3D Modelers.

As our clients increasingly trust us to deliver solutions with the sustainable green world that will ensure reliable and long-term success, we achieve this by combining technology and creative thinking to produce sustainable design solutions that meet wide-ranging needs and maximize efficiency for both new build and refurbishments.



Key Points:

- Subject matter experts.
- Reduced and competitive cost compared to offerings of current market.
- Highly experienced in delivering the cost effective workable design solutions.
- Achieved successful delivery of most complex engineering designs.
- Engineering model to achieve value engineering by implementing the green building and sustainability expertise to accomplish the energy and cost savings.

Engineering - (Design / Detailing / Drafting/ 3D Modeling):

HVAC – Duct/ Piping Layouts, Schematics, Equipment Layouts, Riser Diagrams, Sectional Details and Boiler/ Chiller/ Plant Room Layouts.

Plumbing – Piping Layouts, Isometrics, Schematics, Fixture Installation Details, Riser Diagrams, Sewage Site Plans.

Fire Safety Engineering – Piping Layouts (Wet, Dry Sprinkler Piping), Sprinkler Layouts, Riser Diagrams, Pump Room Layout.

Electrical Engineering – High/Low Power Layouts, Electrical Room Details, Fire Alarm System, Security System Layout, Single Line Diagrams, Cable Tray Routing, Data/Telephone Layouts.

“Hiring Dezign Insight as MEP engineering consultant firm can help the client and stake holders to integrate various trades or systems in a building like architecture, structure, HVAC, Electrical, Fire Protection and Plumbing to create a consolidated design for seamless integration across project life cycle with engineering solutions by experts for making the project successful”.

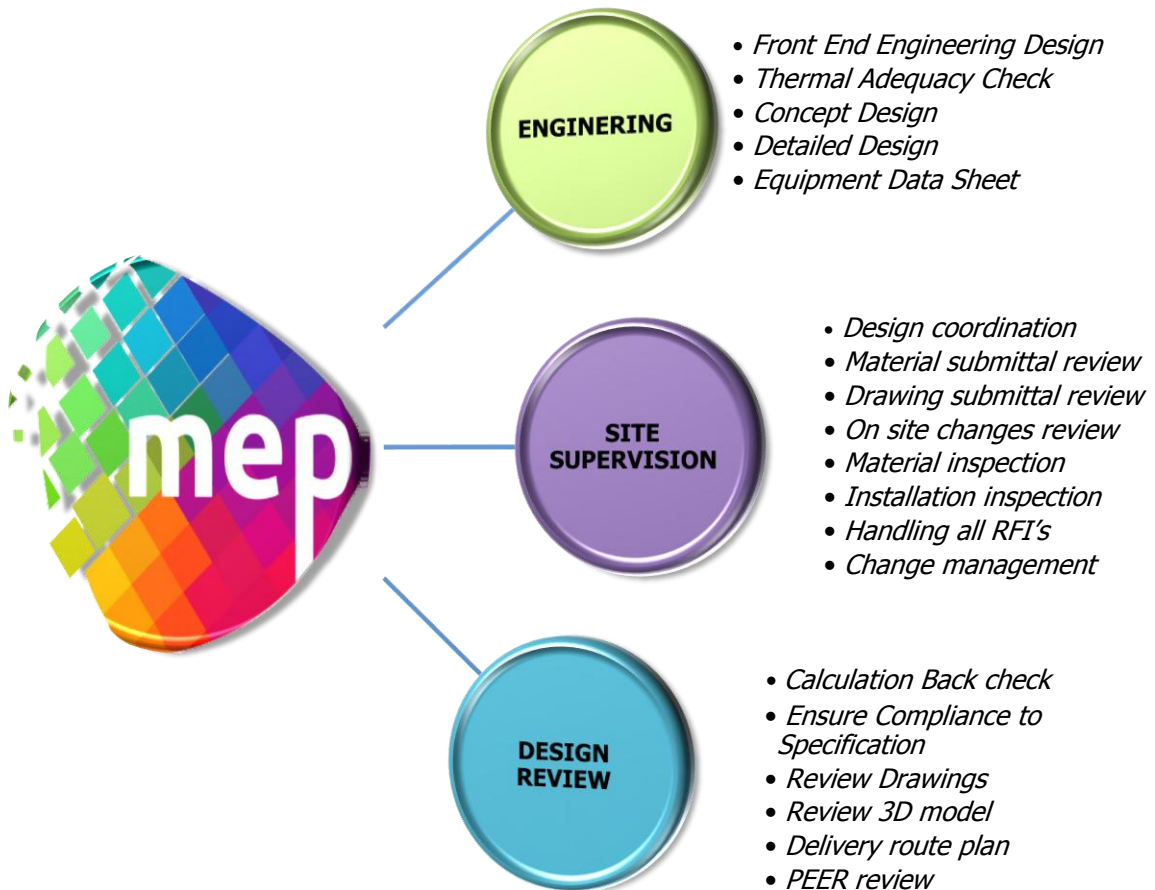


Services offered by Design Insight

We provide engineering, site supervision and construction support for the building services – HVAC, Clean Rooms, Plumbing, Fire Protection, Electrical systems & for the infrastructure projects. Thanks to our range of services and our technical expertise in achieving the client’s requirement, budget & timeline, we work with our customers at every stage of their project from initial concepts to sustaining and enhancing their assets.

Our team’s extensive knowledge and experience of comfort conditions, energy conservation, procedures and design standards including local and international standards, combined with our flexible approach, make it easy to handle large scale projects. And act efficiently as main or sub consultant in various projects like commercial buildings, showrooms, shopping mall, warehouse, restaurant, offices, electrical substation, mechanical rooms, housing estates, sports facilities and sophisticated industrial and public health projects.

Our team is well versed with the international standards including ASHRAE/ ISHRAE/BRITISH STANDARDS (BS)/ AHRI/ ASTM/ ASME/ IPC/ UPC/ NFPA/ UL/ NEC for HVAC, Plumbing, Fire protection and Electrical services, in addition we understand the needs of the local rules and guidelines of the municipality as the team has vast experience working for various countries and successfully delivered the engineering services.





Projects

Our building services engineering team provide a comprehensive environmental, mechanical and electrical engineering consultancy service with an impressive track-record in delivering an extensive portfolio of projects and continuing to serve various clients to provide engineering solutions for a range of projects.

As the world, our clients operate in continues to change at breakneck speed, they increasingly trust us to deliver solutions with the sustainable, low-carbon considerations that will ensure reliable as well as long-term success. We achieve this by combining technology and creative thinking to produce sustainable design solutions that meet wide-ranging needs and maximize efficiency for both new build and refurbishments.

The way we work is as progressive as the solutions we provide, embracing automated delivery, collaborative thinking and a truly flexible workforce. The partnerships we forge with our clients cover all of this and more, as we support them throughout the full project life-cycle, from feasibility studies and planning, to detailed design.

Some of our projects are listed below; however our team vision is to deliver the best workable solutions to the clients in and willing to work for versatile projects.

S.no	Project	Client	Description
1	LU communication network drawings drafting and conversion, London.	Coral Communications Ltd	The scope included drafting of the communication network drawings following LU cad standards and converting them to be reviewed in DGN format.
2	Industrial Tubular Management Facility, Qatar	Jade International Designs Pvt Ltd	The projects consisted of office area, residential building and ware house. The detail design of the mechanical and electrical system involved, Central air conditioning and ventilation system design for office area, residential building and ware house consisted of mechanical ventilation system design. And electrical system including low currents, lighting and power system including voltage drop calculation and Dialux lighting calculations were provided. Load calculation performed in HAP, duct sizing using MacQuay duct sizer, lighting calculation using Dialux, Voltage drop calculation using ETAP and detailing of the drawings was performed in AutoCad.
3	11kV Network Power Supply Study, Qatar	Jade International Designs Pvt Ltd	This report is produced to provide Kahramaa with the details of performance for 11kV electrical network having 13 no's of distribution substations. The study is performed to provide the loading capability of the 11kV network, voltage drops in the system, verification of the fault currents and voltage stability within the system during normal and emergency conditions of the operation. The base simulation analysis is performed to the 11kV Network to validate the network response of the 11kV system under normal and emergency condition. The simulation analysis was carried out using IEC 60909 Compliant Design Software ETAP.



S.no	Project	Client	Description
4	JLR Showroom & Service centre, Riyadh – KSA	Arabian Consulting & Engineering Services, Riyadh- KSA	<p>The projects consisted of showroom display area, office areas, ware house, workshop and mechanical rooms. The detail design of the mechanical and electrical system involved, Central air conditioning and ventilation system design for showroom, workshop, and mechanical rooms. Ware house consisted of mechanical ventilation system design. And electrical system including low currents, lighting and power system including voltage drop calculation and Dialux lighting calculations were provided. In addition to MEP systems design, compressed air system was designed for the workshop.</p> <p>Load calculation performed in HAP, duct sizing using MacQuay duct sizer, lighting calculation using Dialux, Voltage drop calculation using ETAP and detailing of the drawings was performed in AutoCad.</p>
5	National Competitive Centre – KSA	Arabian Consulting & Engineering Services, Riyadh- KSA	<p>The scope covered detail design and 3D modeling for the national competitive centre buildings including HVAC system, Fire protection system, Electrical system and Plumbing & Drainage system. The detail design included detailed calculation, preparation of clash free fully coordinated MEP 3D model in Revit and extracting all the layouts, building load calculation and schedules from the Revit.</p>



Dezign Insight Engineering Consultant



The trained and experienced staff of **Dezign Insight Engineering Consultant** works together in timely manner to provide our clients advanced and cost effective engineering solution available.

To name a few Client queries - *Dezign Insight* welcomes the opportunity to discuss your engineering requirements:

Are you worried about energy saving?	Looking for a sustainable engineering solution?
Do you require 3 rd party verification of the design?	Are you thinking of economical engineering solution?
Is it being difficult to meet the deliverables deadlines due to over work load?	Does your project require on site supervision by the experienced professionals?
Do you require PEER review to be done for the designer?	Does your project lacks quality management system?
Stuck up with coordination issues and need technical solutions?	Is your project Quality compromised by Contractor?

"Let's discuss your requirement/ your needs and come up with solutions which suits your budget"

Feel free to contact Dezign Insight

Address: 153 SRT, CB Colony, Hyderabad, Telangana, 500064.

Contact number : 0091 8978672810

Email : info@dezininsight.com

Web: www.dezininsight.com