



SYSTEM DESIGN SOLUTIONS LLP



MEP System Design Solutions LLP. (MEPSDSLPP) is a consultancy firm established in 2009 at Pune, India with the vision "Enhancing lifestyle and creating a sustainable built environment "and having Core values Integrity, Innovation, Responsibility, Respect for individual. We believe that MEP is an essential art for any structure. Our artist design the MEP system considering each project as unique project and understanding client's exact need problem or desire. MEPSDSLPP provides project specific consultancy services for design of Mechanical / HVAC, Electrical, Plumbing and Fire suppression services (MEP) with a focus on sustainable solutions and natural ecosystem.

Through innovation we are a continually growing team that evolves with new ideas and solutions for all the MEP needs of our clients. While doing so, we achieve adherence to the latest codes addressing modern materials and technologies. Quality and economy is achieved keeping in mind water and energy conservation and health and safety of people as well as structures. With its high performance standards, timely delivery and up-to-date technology, MEPSDSLPP is committed to provide excellent value proposition to clients and their end users.

OUR VISION

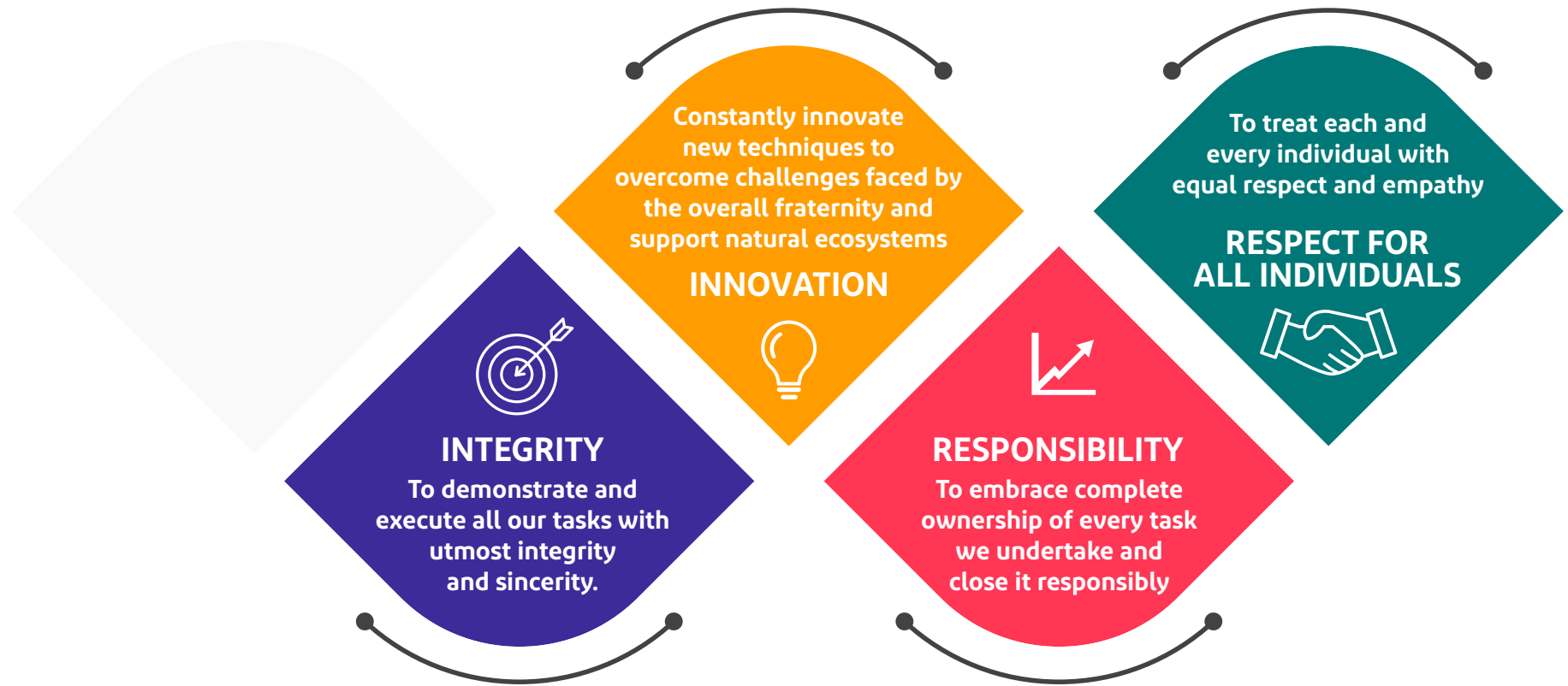
Enhancing lifestyle and creating a
sustainable built environment



OUR MISSION

To be a Global engineering consultancy
firm with operations around the Globe

OUR VALUES



PHILOSOPHY

- Oriented towards serving the client's needs problems & desires
- Continuous improvement in all aspects of our working

PROCESS

1

IDENTIFY

Brief study of the project requirements, client's needs, problems and desires

2

CONCEIVE

Brainstorming of solutions suitable for the project

3

PROPOSE

Finalizing a solution best feasible for the project



ENVIRONMENT HEALTH & SAFETY (EHS)

MEPSDSLPP affirms its commitment to conserve the Environment and provide a Safe and Healthy Workplace for Next Generation. We incorporate EHS considerations in all business decisions.



WHY MEPSDSL LLP?

CUSTOMIZED SOLUTIONS:

- We understand the exact requirement of the client and provide design solutions as per their specific need and ensure it solves their problem
- Value engineering to enhance the value addition of the project for the end user

TRAINING

We provide thorough training for:

- **Planning Stage** : Shafts, external service routing, space planning to identify space for services and ensure error-free designs
- **Design Stage**: Regular project appraisals and reviews, high performance standards, compliance to relevant codes, standardized processes for smooth operations.
- **Execution Stage**: Thorough training is provided at mock-up stage on site, where



Long term association with the clients

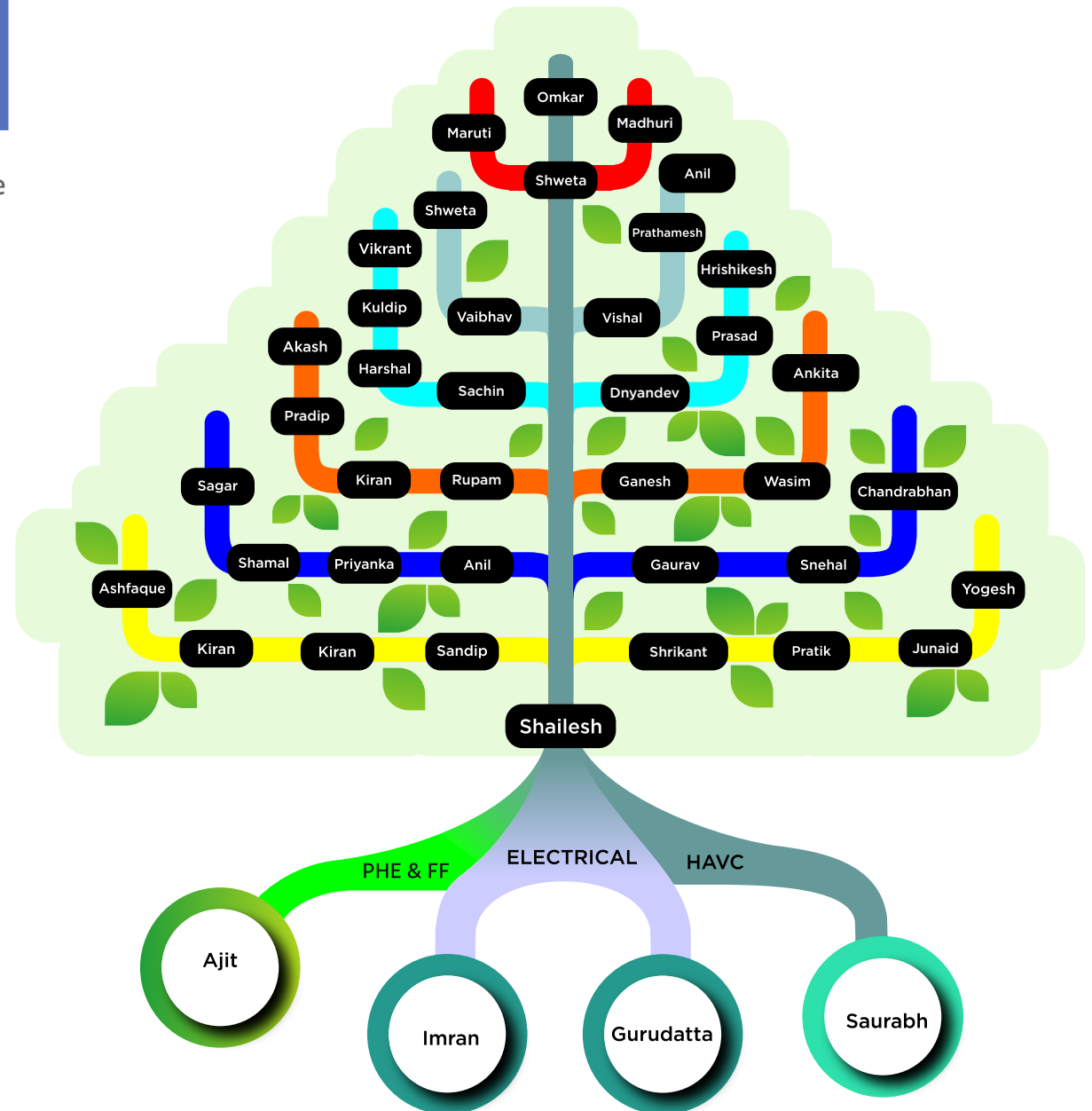
OUR TEAM

An able and technically strong management team forms the backbone of MEPSDSLLP.

The leadership team has an experience of 15+ years in the consultation industry, helping deliver numerous projects.

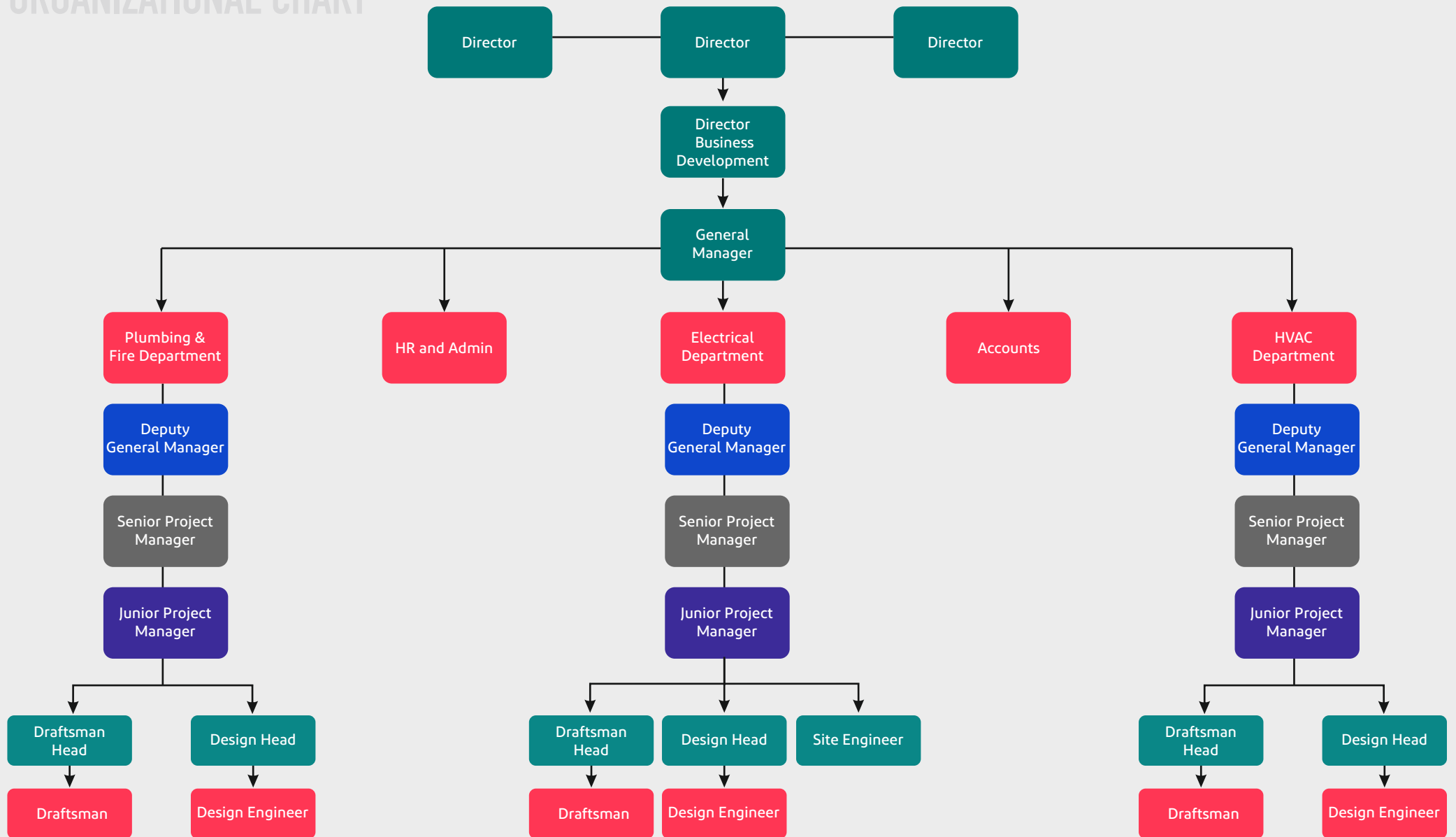


Core Team Experience



MEPSDSLIP

ORGANIZATIONAL CHART





MEP SERVICES

MEP SUPPORT FOR ENVIRONMENTAL CLEARANCE

- MEP Calculations
- Sewerage Layout
- Storm Water Drainage Layout
- Fire Layout
- Electrical layout
- Energy Savings through use of Renewable Energy



PEER REVIEW

- Evaluation of engineering designs
- Finding defects in the design and proposing measures
- Proposing value addition to the project as per the design



PUBLIC HEALTH ENGINEERING

- Hot and cold water systems
- Water Storage
- Plumbing and sanitary fittings
- Sewer and drainages
- Storm water drains



FIRE FIGHTING

- Fire Pump Sets
- Fire Hydrant Systems
- Sprinkler Systems
- Smoke and Heat Detection Systems
- Fire Alarms and Annunciation Panels

A man in a dark t-shirt and a purple strap over his shoulder is standing in a server room. He is holding a silver laptop in his left hand and reaching up with his right hand to manage a dense bundle of yellow and blue cables hanging from a server rack. The background shows more server racks and equipment, with a slightly blurred view of the room's interior.

ELECTRICAL SERVICES

- High voltage power infrastructure
- Substation / Transformers
- Low voltage distribution
- Power factor correction
- Lighting layouts and design
- Segregation of emergency / normal power
- UPS Systems
- Lightning & Earthing protection
- Basic Fire Alarm with Public Address Systems

A photograph of two HVAC technicians in a mechanical room. They are wearing hard hats (one red, one yellow) and safety vests (one orange, one yellow). They are looking at a large sheet of paper, likely a blueprint or technical drawing. The room is filled with large, complex HVAC ductwork and equipment. The lighting is industrial, with overhead fluorescent lights. The background shows more ductwork and structural elements of the building.

HEATING VENTILATION AND AIR-CONDITIONING (HVAC)

- Central air-conditioning plants
- Air distribution / ducting / air terminals
- Controlled humidity areas
- Smoke control / exhaust systems
- Toilet exhaust systems / kitchen exhaust
- Ventilation, fresh air supply and exhaust



INTEGRATION WITH BUILDING MANAGEMENT SYSTEM (IBMS)

- HVAC control, AC plant control
- Electrical distribution control
- Water supply control and metering
- Lighting Control
- Integrated security systems control
(Fire, Access & CCTV) Security System
- Centralized Lighting Control Systems



KEY MILESTONES

MILESTONES



12+
years

12+ years of
professional/
efficient/genuine/
extensive service



400
Projects

400+ projects
delivered across
India



50+
Million

50+ million sq ft
of development
in process



15+
Years

15+ years
core team
experience

OUR CLIENTS





SOME OF OUR PROJECTS



PREMIUM RESIDENTIAL

Saarrthi Signature Tower



PREMIUM RESIDENTIAL

Shreeji Excelencia



BUDGET HOUSING

Majestique Manhatten



BUDGET HOUSING

Samrat Apna Ghar

and many more...

SOME OF OUR PROJECTS



RESIDENTIAL

Shreeji Group



HIGH RISE

Amanora Adreno



IT & OFFICES

SEZ Synergy Infotech IT Park,
Hinjewadi, Pune



IT & OFFICES

Goel Ganga Developments, "trueno",
Airport Road Pune

and many more...

SOME OF OUR PROJECTS



INDUSTRIAL

Sumax Enterprises



INDUSTRIAL

DMW India, Chakan, Pune



INSTITUTIONAL

Sadhu Vaswani School



INSTITUTIONAL

Vibgyor HSR School

and many more...

SOME OF OUR PROJECTS



HOSPITALS

YS Khedkar Hospital



MALL

Royal Heritage Mall, NIBM



MALL

Global High Street Mall, Hinjewadi



HOSPITAL

NZ HOSPITAL

and many more...

SOME OF OUR PROJECTS



RESIDENTIAL

Amanora Neo



RESIDENTIAL

Amanora Gold

SOME OF OUR PROJECTS



URBAN MASTER PLANNING

Vaarivana



Business Plus, Nashik
COMMERCIAL

COMMERCIAL

Business Plus

SOME OF OUR PROJECTS



RESIDENTIAL

Aishwaryam hamara



RESIDENTIAL

Sara City Chakan



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