



Prolific Consultant

Prolific MEP Consultant (OPC) Pvt. Ltd. Office No.3331, Third Floor, Angel Mega Mall Kaushambi, Ghaziabad (UP) Phone: 0120-4560670, 9958699330 E-mail: <u>Prolificconsulting1@gmail.com</u> <u>Prolificconsultant1@gmail.com</u>



Introduction

We have team of Professional, Experienced & Committed Engineers. **Prolific MEP Consultant OPC Pvt. Ltd.** has Mechanical, Electrical on board for HVAC, Electrical, Plumbing & Fire Protection Design Offerings. The team has designed some large Hospitality, Healthcare, Core & Shell, Mixed Use, Residential, Plotted Development, College Campus and Industrial Projects & Buildings.

We provide our clients with design of a comprehensive range of engineering services including Air Conditioning, Electrical, Fire fighting, Vertical Transport, Plumbing, Fire Suppression, Low Voltage Systems, Building Automation System, Security System and Green Building Services. We offer a unified approach to fulfilling the multitude of specific requirements of each project with a proven ability to meet these requirements within pre-established financial limits.

Throughout every phase of a given project, we stand as the client's professional adviser, giving benefit of years of broad-based valuable experience. This includes administration of the construction contract to ensure that all provisions of working drawings and specifications are properly followed. In a word, the prevailing guideline in all our activities is professional excellence.

We are proud to say that, by keeping a professional and pragmatic approach, we have successfully executed multitude of projects of unquestionable quality, thus offering services in various roles and accumulating comprehensive industry knowledge about construction business as a whole. And also, by maintaining a flexible and proactive mindset, we deliver optimal designs for our client's business needs.



<u>Vision</u>

Trust, respect and integrity in all of our relationships along with Improving our performance continuously and strive to be the best in everything we do.

<u> Mission</u>

Our mission always lies in the axiom – "we advise, we design, we assess and we deliver" to bring together extensive capabilities and resources to each project, not just through its talented and experienced professionals but also as a strategic partner to our clients. We work in an inclusive environment that embraces change, new ideas, respect for the individual and equal opportunity to succeed. We relentlessly pursue excellence in everything we do, every day.

Services

Services are rendered from the conceptual stage to commissioning for each project, enabling the Owner/Architect/Planner to arrive at an optimum design and installation for the following engineering services:

A. HVAC SYSTEM

- Air Conditioning
- Heating
- Ventilation
- Smoke Evacaution
- Pressurization

B. ELECTRICAL SYSTEM

- External & Internal Electrical Installation
- Emergency Power Generation
- Vertical Transportation Elevators & Escalators
- Telephone, Public Address & Close Circuit Television
- Fire Detection & Alarm
- Solar Power



C. SECURITY SYSTEM & BUILDING AUTOMATION SYSTEM

- Building Protection & Access Control
- Electronic Surveillance
- Building Automation System

D. PLUMBING, PUBLIC HEALTH ENGINEERING & FIRE FIGHTING

- Water Supply, Pumping, Piping and Distribution
- Disposal of Sewage and Storm Water
- Central Hot Water Generation and Supply
- Fire Fighting
- Water Treatment & Sewage Treatment Plant
- Steam Piping and Accessories
- Fuel gas Piping Like LPG, Natural gas etc.
- Compressed air distribution
- Process Piping (Utility) for Industries.

E. CONSULTANCY SERVICES

- Feasibility Study
- Preliminary Design Report and Budget Estimates
- Working Drawings
- Specifications & Schedule of Quantities
- Detailed Cost Estimates
- Quality Assurance & Quality Control (QA/QC)
- Notice Inviting Tender
- Comparative Statement for Tenders-Commercial & Technical
- Contract Agreement
- Verification of Shop Drawings
- Periodic Site Supervision (on required basis)
- Quality Audit of project
- Testing and Commissioning Participation
- Assistance with Operation & Maintenance Manuals



Organization

A. OUR OPERATING STRUCTURE:

- Mr. Ashok Tyagi -Mech Engg.
- Mr. Rajdeep Kumar Elect. Engg
- Mr. B Sharma (Associate) -Elect. Engg
- Mr. Tejpal Tomar (Associates) Elect. Engg
- Mr. Amarnath Civil Engg

ENGINEERING DRAFTSMEN

- Tikam Kumar (Plumbing & Fire Fighting)
- Satish Kumar (Electrical)
- Parmod Kumar (HVAC)
- Phoolender Patel (Plumbing & Fire Fighting)
- Anil Sharma ((Plumbing & Fire Fighting)

B. OFFICE

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	tyagi6630@hotmail.com			



DIRECTOR - Mr. Ashok Kumar Tyagi

B.Tech (Mech. Engg),

SELF is as a MEP designer. An astute professional with over 20 + years of rich experience in, Fire Fighting/Plumbing & HVAC, Electrical with reputed organizations in India.

MYSELF has vast experience in heading large projects in the areas of MEP design and supervision of high rise commercial, residential and public building projects.

MYSELF is Deft in leading various stages of analytical, design, coordination, Design development and construction activities, encompassing conceptualization & preparation of schematic design, detail design, tender presentation & analysis, contract finalization, site supervision and overall project management.

- 20+ years of experience in building MEP Services for over 90+ projects
- Experienced in Building Energy Analysis
- Design of High Performance Building
- MEP Design of High Rise Building
- Experience in leading MEP projects Experienced in NBC, ASHRAE, ISHRAE, CIBSE, IBC and NFPA standards for MEP systems

Professional History

- M/s. Aecom India Pvt Ltd
- M/s. SMCC (Japanese Company)
- M/s Larson & Toubro Limited

Project Undertaken During Service in above Company

Airport

- Goa Airport
- Tirupathi Airport
- International Cargo Terminal at New delhi
- Port Blair

Hospital

- Medicity Hospital at Gurgaon
- Fortis Hospital at Gurgaon
- Hospital at Nepal
- Renovation at Fortis Noida

Hotel

- ✤ Aakriti Hotel at Greater Noida
- ✤ Lalit Hotel at Jaipur
- Metropolitan Hotel at New Delhi
- Crown Plaza at Jaipur

Residential

- Ireo Uptown Housing at Gurgaon
- Xaviour Housing (Green Residence)
- TATA Primanti at Gurgaon
- Ansal Havana Heights Sonepat

- Knowledge of sustainable design and associated guidelines such as LEED, Griha.
- Design Experience of Integrated Building Management System (IBMS)
- Expertise in Building Services Commissioning

Nov 2007-Oct 2014 Mar 2007-Oct 2007 Aug 1998-Mar 2007

- Amangani Housing at Rewari (ULM)
- Munjal Guest House at New delhi

Institution

- National institute of Boilogical at Noida
- IIITM Institute at Gwalior
- IREO university at Gurgaon (Green Building)

Metro

 Jaipur Metro (Chandpole Underground Station)

International Project

- Keniya Airport (Cost Study only)
- Harmony Cove (Hotel and casino) at Jamica – Cost study only

Commercial

- Patni Knowledge Park at Noida (Green Building)
- ✤ Advant IT Park at Noida (Green Building)
- ✤ CSC office fit-out at Noida



- Alstom office fitout at Tech Boulevard Noida
- Royal Bank Of Scotland Shastri Park, New Delhi(Green Building)
- NSN NOC centre at Chennai (Green Building)
- Reliance Corporate Office at New Delhi (Green building)
- Splender Spectrum One at Gurgaon
- Paryavaran Bhawan New Delhi(Netzero)
- DMRC IT park at New Delhi
- ✤ Jaipur Central Mall
- Splender Epitome at Gurgaon
- Anantraj Commercial At Gurgaon
- MMR IT park At Noida
- Green Boulevard (Green Building)
- NIIT phase II Greater Noida (Green Building)
- India mart office fitout at Advant Noida
- BHEL office fitout at Advant Noida
- ✤ IIFL office at Gurgaon

Data Centre

- Control S at Mumbai
- Reliance Data Centre IDC 5 at Mumbai(Green Building)(430000 Sqft BUA)

Factory

- SKF factory at Haridwar
- Frigo Glass Factory at IMT Maneser
- Yakult Danone Factory at Rai Sonepat
- Pepsico Factory at Sathriya
- ✤ Pepsico Factory at Aurangabad
- Pepsico Factory at Maysore
- Bonita Furniture Factory at Ghaziabad
- ✤ BIBA warehouse at Ballabgarh
- ✤ Ots Plant at Chennai
- ✤ Aqufina Water Plant at Chennai
- Britannia Cake Plant at Pune
- Britannia Biscuit Plant at Pune
- Brit chip Factory at Pune (Britannia)
- ✤ Foam Plant for M/s Supreme at Hosur
- Lamination Plant for M/s Supreme

Mixed used Development

Supernova at Noida



B. Sharma (Associate) - ELECTRICAL

Electrical Engineering (3Years Diploma from Roorkee-1983) AMIE in Electrical Engineering-Institution of Engineers-1990

Having Vast, Rich and varied 31+Yrs. Experience and handled over 150+ Indian & international building project's MEP Services/Electrical Engineering/Energy Efficiency/Infrastructure Design & Consulting, Project Management, Business Development, Technical Auditing, estimating & costing of Electrical systems for large & medium size projects.

Professional History:

July'11-Jan' 15: AECOM India Pvt Ltd. A-197, Sector-63, Noida U.P.

July'10-June'11: Meinhardt Singapore Pte. Ltd. A-8, Sector-16, Noida U.P.

April'09-June'10: **KS Consulting Engineers** 2/64, Chiranjiv Vihar, Ghaziabad, U.P.

Jan'05-March'09: Meinhardt Singapore Pte. Ltd. A-8, Sector-16, Noida U.P.

Mar'93-Dec'04: C P Kukreja & Associates Pvt. Ltd. D-1, Green Park, New Delhi-110016

Projects Handled:

-Integrated Town Ship for Bengal NRI's

-Mixed use Development Township at Zirakpur, Punjab

-Design & Drawings for 7Nos. sewage pumping stations, related to jabalpur sewerage project For JMC

-Design & Drawings of temporary buildings road cycling & racing walk for delhi common wealth Games-2010 at rajpath, central vista.

-Hotel Project At Exhibition Road, Patna

-Township Project For Indiabulls At Amravati

-Ascendas IT Park Pune (Project Cost: INR 76.50 Crores)

Jul'91-Mar'93: **Bijlee Construction Private Ltd.** Punjabi Bagh, New Delhi

Dec'86-Jul'91: C P Kukreja & Associates Pvt. Ltd., D-1, Green Park, New Delhi, 110016

Jun'85-Nov'86: **Precision Engineers** 3, Shopping Centre, Geetanjali Enclave ND-110017

Jun'83-Jun'85: Chand Construction Company A-54, Nizamuddin East, New Delhi-110013

-Logix Cyber Park, Noida (Project Cost: INR 180 Crores)

-Air India-SATS Cargo Complex at New Bangalore International Airport, Bangalore, India (Project Cost: INR 50 Crores)

-Linear Apartments, Pune (Project Cost: INR 110 Crores)

-Hilton Hotel, Chennai

-Rosedale Gardens, Kolkata (Construction cost: Rs. 6525 million)

-Mega Sports Complex, Hotwar, Ranchi, Jharkhand (Construction Cost: US\$ 46.8 million)

-IT Office Building, Gurgaon (Construction Cost: US\$ 11.38 million)



-Integrated Town Ship for Bengal NRI's -Detail Design Consultancy for Barakhamba Road Station for DMRC (DD-3D Contract Line No. 3/U/G)

-Maruti Udyog Township, Near Sohna, Gurgaon

-Rosedale Apartments, Kolkata

-Air-Cargo Terminal, Bangalore

-Hilton Hotel, Chennai

-IT Building for Uppals, Mohan Cooperative, Delhi

-External Electrical Works for Greater Noida City

-Factory - Shree Ram Pistons & Rings Ltd., Ghaziabad

-Plant-II for Hero Honda Motors Ltd., Gurgaon

-Stanley Electrical Engineering Ltd. Plant, Manesar

-240 Bedded New Block for Batra Hospital, Delhi

-Super Specialty Block at Sir Ganga Ram Hospital

-IHBAS, Shahadra, New Delhi

-Super Speciality Wing, Yashoda Hospital, Surat

-GAIL Corporate Office Building, New Delhi / Noida

-Staff Housing for GAIL, Sec.-23, Noida

-Township for GAIL at Diviapur, UP -500 Bedded Hospital at Palampur, H.P.

-Factory for Indication Instruments Ltd, Faridabad

-IFFCO Corporate Office Building, Gurgaon

-Power Grid Corporate Office Building, Gurgaon

-Shopping Mall for Gold Souk International, Gurgaon

-East Delhi Shopping Mall, Kaushambi, Ghaziabad

-R&R Techmach Ltd., Corporate Office Building, Noida

-Township for IFFCO at Bareilly

-Hero Honda Motors Plant at Gurgaon

-Indian Institute of Management (IIM), Lucknow

-ST MICRO Station Building, Noida

-Hindustan Lever Limited, Gurgaon

-Signature Tower, Gurgaon, Haryana

-KRIBHCO Corporate Building, Noida

-MDI Campus institutional Buildings at Gurgaon

-Indian High Commission Buildings at Nigeria

-Sohna Starring Limited, Gurgaon

-Bharat Sheats Limited, Gurgaon



Mr. Tejpal Singh Tomar-Electrical (Associate)

B.Tech (Elect. Engg)

- ✤ 9+ years of experience in building MEP Services for over 50 projects
- Experienced in Building Electrical design System.
- Experience in leading MEP projects.
- Experienced in ASHRAE, ISHRAE, CIBSE, IBC and NFPA standards for MEP systems.
- Knowledge of sustainable design and associated guidelines such as LEED, Griha.

Professional History

•	M/s. AECOM India Pvt. Ltd	May 2007 - 2013
•	M/s. Sanelac Consultants Pvt Ltd.	Nov 2005 – 2007
•	M/s Shyam Indus Power Solution Pvt Ltd	Aug 2004 –Oct 2005

Mr. Rajdeep Kumar - (Electrical Engg)

B.Tech (Elect. Engg)

- ✤ 4+ years of experience in building Electrical Services for over 10 projects
- Experienced in NBC, CIBSE, IBC and NFPA standards for MEP systems
- Knowledge of sustainable design and associated guidelines such as LEED, Griha.

Professional History

•	M/s. WAC Engineers Pvt Ltd	Jan 2015 – Dec 2016
-	M/s. SGS Industrial Controls & Solution Pvt LTD	2017 - 2018

Projects Handled:

- SKM Medicle College & Hospital Muzzafarpur Bihar
- Multispeciality Hospital Basirhat, West Bengal
- Multispeciality Hospital Bangoan, West Bengal
- Residential Building & Farm Houses,
- Hema Engineering Hosur Plant
- Hema Engineering Kakkalur Plant,
- Orient Craft Limited Plant at Ranchi, Jharkhand
- Hella India (Electronics Good) at Chennai



Projects in hand

MIXED USED

- Social Square at Zirakpur Punjab Work In Progress
- Time Square at Zirakpur Punjab -- Work In Progress

HOUSING

- Green Court Housing at Jaipur (HVAC, Fire & PHE Consultants)
- HCL Housing at Lucknow (Fire and PHE Consultant)
- Delhi Ridges Project 66 Lakh Sqft, Faridabad by Bharti Reality (HVAC Peer Review Consultant)
- Police Quater at Gwalior (MEP Consultant)
- Proposed Commercial and Housing GMA Ganesh Nagar (Kota) -- MEP Consultant.

OFFICE FITOUT

- Office Fitout for M/s Nagarro at Gurgaon. (Fire Fighting, PHE and HVAC Consultant) -- Completed
- Cafteria (750 Seat) at Terrace For M/s Nagarro. ((Fire Fighting, PHE and HVAC Consultant) - Completed
- Office Fitout for M/s Rattan India at Aerocity. (Fire Fighting, PHE and HVAC Consultant) - Completed
- Office fitout for Jindal Reality Group at Third Floor Qutub Institutional Area New Delhi (Fire Fighting, PHE and HVAC Consultant) -- Completed
- Office fitout for Jindal Steel works (JSW) at Fourth Floor Qutub Institutional Area New Delhi (Fire Fighting, PHE and HVAC Consultant) - Completed
- Okaya Blue Silicon (IT Park) at Noida-Cafeteria. (MEP Consultant)- Completed
- Okaya Business Centre at Noida (MEP Consultant)- Completed



- Office Fitout for M/s AIHL at Gurgaon. (HVAC Consultant) Completed
- DLF food court at Building no 8 and 10 (Plumbing and Fire fighting Consultant) -Completed
- Corporate work Space TRPC at Sixth Floor JMD Megapolice Gurgaon (HVAC Consultant). - Completed
- Fitout for Blackberry Office at OKAYA Blue Silicon (MEP Consultant) Completed
- Fitour for YAMAHA Office at JMD Megapolis Gurgaon (MEP Consultant)-Completed
- Fit out for Tolexo Office at Okaya IT Park (MEP Consultant) Completed
- Fitout for TAVANT Office at Okaya IT Park (MEP Consultant)- Completed
- Fitout for TATA Projects Office at Okaya IT Park (MEP Consultant)- Completed
- Fitout for AERIS Office at Okaya Blue Silicon (MEP Consultant) Completed
- Fitout for TCS office at Okaya Blue Silicon (MEP Consultant) Completed
- Fitout for A& E Company at Okaya Blue Silicon (MEP Consultant)- Completed
- Fitout for Gensol Office at Ahmedabad (MEP Consultant) Completed
- Fit out for Cummins Office at Ahmedabad (MEP ConsItant) Completed
- Fitout for MMR Business Centre at MMR IT Park at Sec 62 Noida (MEP Consultant)
 Completed
- ✤ Fit of Gensol office at Ahmedabad (MEP Consultant) ---- Completed
- Fitout for Havells at Noida Sector 58 59 E Block --- (MEP Consultant)
- Office fit out for M/s Nagarow at Plot no 17 Sector 18 Gurgaon HVAC Consultant

AUDITORIUM AND CINEMA HALL

- 500 Seater Auditorium for M/s Jindal Steel (JSW) at New Delhi (HVAC & Fire Consultant
- Cinema Hall (Miraze) for M4U Ghaziabad --- (HVAC & Fire Consultant)-Completed
- Cinema Hall at Badurgarh (HVAC & Fire Consultant)-- Completed



- Cinema Hall (Carnival Cinema) At Rewari (HVAC and Fire Consultant) -Completed
- Cinema hall -06 (Carnival) at TGIP Mall Noida (MEP Consultant) -Completed
- Cinema Hall (carnival cinema) at Walkway mall Haldwani UK (MEP Consultant) -- Completed
- Auditorium with Muti Car parking at Mizoram (Fire Consultant)

FARM HOUSE

- Brinda Enterprizes Farmhouse At DLF Farm (MEP Consultant) Completed
- Kota Bagh House at JIM CORBET (MEP Consultant) --- Completed
- House at Maharani Bagh New Delhi (MEP Consultant) Completed
- Resort at Sikkam (MEP Consultant)
- ✤ Goyal Resisdance at Siliguri (WB)-- MEP Consultant
- Abrol House at Noida --- MEP Consultant

<u>IT PARK</u>

- IT Park at plot D17 Sector 3 Noida . (MEP Consultant) ----- Completed
- Plot no 805 Commercial building at Gurgaon (MEP Consultant)--- Completed
- Institutional building at Sector 32 Gurgaon (MEP Consultant) ----- Completed
- IT park at Sec 135 , Noida (MEP Consultant)
- IT park at Sec 142, Noida (MEP Consultant)
- Okaya Blue Silicon B 7, Sec 62 Noida (MEP Consultant)-----
- IT Building at Plot No A -76 Sector 136, Noida (MEP Consultant)
- IT Building at Plot No 22 Sector 142, Noida (MEP Consultant)
- METL (Reliance) Office at Jhajar (MEP Consultant)
- Sukhmani Infotech at Sector 75 Noida (MEP Consultant)
- IT Park at Plot No B-16, Sector 153 Noida (MEP Consultant)
- Office Building at B-20 Sector 3 Noida (MEP Consultant) --- Completed
- Office Building at B-24 Sector 3 Noida (MEP Consultant) ---- Completed



- Advant IT Park (External Services) at Sector 142 Noida (MEP Consultant)
- Havells Office at E Block at Sector 59 Noida --- (MEP Consultant)

HOSPITAL & HOTEL

- Hospital at Nepal ---- (HVAC Consultant)
- Fortis Hospital Noida renovation works -- (MEP Consultant) --- Completed
- Hotel at Baga Beach North Goa -- (MEP Consultant) ---- Completed
- Renovation at Manor Hotel at New Friends Colony --- (MEP Consultant) ---Completed
- Amrit Bhawan Hotel at Haridwar
 ------ (MEP Consultant)

INSTITUTIONAL BUILDING

- Sanke Bihari Ashram at Mathura (Fire Consultant). Completed
- Healthy Planet School at Noida (MEP Consultant) --- WIP

COMMERCIAL

- Jewellary Showroom at South Ex (Fire & Plumbing Consultant). Completed
- Nirulas Outlet at Vatika Gurgaon -(MEP Consultant)
- Nirulas Outlet at Crossing Republic Ghaziabad (MEP Consultant)
- Delsey Store at Mumbai Airport (MEP Consultant) -- Completed
- Casio Store at DLF Mall of India (MEP Consultant) ---- Completed

HERITAGE BUILDING

Partition Museum at Town Hall Amritsar Punjab (MEP Consultant) - Completed



FACTORY

- BIBA Warehouse at BallabGarh , Haryana (MEP Consultant) ---- Completed
- PEPSICO Plant at Aurangabad ,Maharastra (Mechanical Consultant)- Completed
- PEPSICO Plant at Maysore (Karnataka) (Mechanical Consultant) ---- WIP
- Liquid Soap Factory at Gautam Budh Nagar (Fire & PHE Consultant) ---- Completed
- SPJ Factory at Ghaziabad (Fire Consultant) ------ Completed
- Cake Plant at Gautam Budh nagar (Fire & PHE Consultant) ------ Completed
- Aquafina Plant at Turanaveli Chennai-(Mechanical Piping Consult.) Completed
- ZLD plant for Pepsico at Banglore (Mechanical Process Piping Consultant)-Completed
- Oats Plant for at Turanaveli Chennai---- (Mechanical Process Piping and Fire Consultant). Completed
- TCIL Warehouse at Gurgaon (HVAC and Ventilation- peer review) --- Completed
- Ritual Food factory At Gautam Budh nagar (Fire & PHE Consultant)--- Completed
- Frigo Glass Factory at IMT Manesher (Electrical and Fire Consultant)--Completed
- Garment Factory at Gurgaon (Hero Honda Chok) (MEP Consultant) -- WIP
- Bonita Furniture Factory at Ghaziabad (Fire and Electrical Consultant) Completed
- Veeba Foods at Neemrana (Mechanical Consultant) ---- Completed
- Britannia Biscuit Factory at Pune (Mechanical Piping Consultant) Completed
- Britannia Cake Plant at Pune (Mechanical Piping Consultant) Completed
- Brit Chip Factory at Pune (Britannia) -- (Mechanical Piping Consultant Completed
- Lamination Plant for Supreme Industries at Hosur Tamil Nadu -- (Mechanical Consultant) - Completed
- Foam Plant for Supreme Industries at Hosur Tamil Nadu (Mechanical Consultant) -Completed
- Britannia Factory at Nepal (Mechanical Consultant) Work in Progress
- Pharpur 3p Factory at Sahibabad (MEP Consultant) Work In progress
- Keselec Factory at Faridabad (MEP Consultant) Work In progress



Digital Press Factory at Abuja, Nigeria (HVAC Consultant) - Work In progress