



M. T. PATIL

**Structural Consultant & Licensed Engineer
(PMC-243,670; PMRDA-244/2020)**

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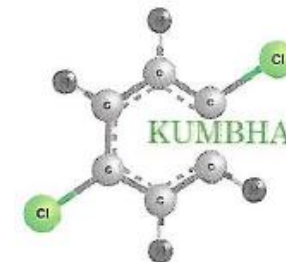
OUR EXPERTISE

One point solution for all Industrial Project Construction Consultancy services

- ✓ Industrial Projects' Site Layout Planning
- ✓ Architectural Building Plans, Elevations, 3D Model views and Walkthrough
- ✓ Structural Design & Drawings of
 - Industrial Buildings (PEB / Conventional)
 - RCC Buildings
 - Equipment Foundations
 - Utility Structures
- ✓ Liasoning with Government Authorities, MIDC, PMRDA for Building Plan Approvals
- ✓ Project Cost Estimation, BOQ & Tender Floatation
- ✓ Periodic Site Visits for Quality Inspection
- ✓ Stability Certificate of Structures after inspection
- ✓ Building Completion Certificate from MIDC, PMRDA

OUR CLIENTS

BHARAT FORGE



MJ Biopharm Pvt. Ltd.



ABOUT US

ABOUT US

TEAM MEMBER

DETAILS

M. T. PATIL

- **STRUCTURAL CONSULTANT & LICENSED ENGINEER (B.E. CIVIL)**
- **37 YEARS OF VAST EXPERIENCE IN INDUSTRIAL PROJECTS - PROJECT PLANNING, STRUCTURAL DESIGN, ESTIMATION, SITE EXECUTION & COST OPTIMIZATION**
- **EX-V.P. (KALYANI GROUP OF COMPANIES - KALYANI GLOBAL, KGEPL PUNE)**
- **PLANNED, DESIGNED & EXECUTED NO. OF HEAVY ENGINEERING EPC PROJECTS FOR FORGING AND STEEL PLANTS**

AKASH MAHADEV PATIL

- **STRUCTURAL ENGINEER (M.TECH. STRUCTURES, B.E. CIVIL)**
- **CHARTERED ENGINEER (INDIA) (C.ENG.(I))**
- **5 YEARS EXPERIENCE IN STRUCTURAL DESIGN – INDUSTRIAL AND COMMERCIAL PROJECTS**
- **ASSOCIATE MEMBER OF INSTITUTE OF ENGINEERS (INDIA) (IEI-AMIE)**
- **LIFE MEMBER OF INDIAN SOCIETY OF STRUCTURAL ENGINEERS (ISSE-LM)**

ARPITA PATIL

- **JUNIOR ENIGNEER (DIPLOMA (CIVIL))**
- **2 YEARS EXPERIENCE IN ESTIMATION AND COSTING**
- **DRAFTING OF INDUSTRIAL STRUCTURAL WORKS**

NITIN SATHE

- **DIPLOMA IN DRAFTSMAN (MECHANICAL)**
- **27 YEARS EXPERIENCE IN DRAFTING - ARCHITECTURAL, STRUCTURAL, UTILITY AND FOUNDATIONS DRAWINGS**
- **INVOLVED IN LIASIONING WORK UNDER THE GUIDANCE OF SENIOR**
- **EX-DRAFTSMAN (KALYANI GROUP OF COMPANIES - KALYANI GLOBAL, KGEPL)**

ABOUT US

TEAM MEMBER

DETAILS

MANISH HARKE

- **JUNIOR STRUCTURAL ENGINEER (B.E.CIVIL & PURSUING M.E. STRUCTURES)**
- **3 YEARS EXPERIENCE IN STRUCTURAL DESIGN & DRAWING OF INDUSTRIAL PROJECTS**
- **FABRICATION DRAWING PREPARATION**

GHANASHYAM KACHAVE

- **JUNIOR ENGINEER (B.E.CIVIL)**
- **KNOWLEDGE OF SITE WORK**
- **STRUCTURAL DESIGN DRAWING OF INDUSTRIAL PROJECTS**

MAYUR KARANDE

- **BE CIVIL, DIPLOMA (CIVIL)**
- **5 YEARS EXPERIENCE OF INDUSTRIAL SITE, ESTIMATION & COSTING**
- **DRAWING PREPARATIONS**



BACKGROUND

FOUNDATION WORKS EXECUTED BY M. T. PATIL DURING SEVICE PERIOD FOR KALYANI GROUP COMPANIES

S. No.	Name of Foundation	Concrete Quantum	Single Pour Concrete Quantum	Excavation Depth below Shop Floor Level
1.	16000T Screw Press	1500 cu.m.	1200 cu.m.	-10.5m
2.	12000T Mechanical Press	1400 cu.m.	1200 cu.m.	-9.5m
3.	10000T Wedge Press	1200 cu.m.	1000 cu.m.	-9m
4.	4000T Open Dia Press with below ground Pump house at -6m Level	3000 cu.m.	1100 cu.m.	-11m
5.	12500T Mechanical Press	1400 cu.m.	1150 cu.m.	-11m
6.	4000T Kurimoto Press	800 cu.m.	600 cu.m.	-8m
7.	8000T Mechanical Press	900 cu.m.	600 cu.m.	-7m
8.	6000T Aijax Mechanical Press	700 cu.m.	600 cu.m.	-7m
9.	4000T Emoko Mechanical Press	600 cu.m.	500 cu.m.	-6m
10.	4000T Hydraulic Press for Ring Rolling	1200 cu.m.	300 cu.m.	-10.5m

SHED WORKS EXECUTED BY M. T. PATIL DURING SEVICE PERIOD FOR KALYANI GROUP COMPANIES

S. No.	Shop name	Size	EOT Crane Capacities	Machine Foundations
A.	BHARAT FORGE LTD.			
1.	Forge Modernisation Division II	120mx80m	50T, 25T, 15T	16000T Screw Press, Mechanical Closed Dia Presses (6000T, 5000T, 2500T)
2.	Forge Modernisation Division III	120mx80m	50T, 25T, 15T	Mechanical Presses (12500T, 8000T, 5000T, 1600T)
3.	Forge Modernisation Division IV at Baramati	210mx80m	80T, 50T, 20T, 10T	Mechanical Presses (12500T, 1600T)
4.	Heavy Forge Division II	115mx80m	80T, 50T, 20T, 10T	Mechanical Open Dia Presses (4000T)
5.	Hammer Shop Baramati	125mx80m	50T, 25T, 15T	Blow Hammer 25000T with springs, 16000T
6.	Ring Rolling shop Baramati	90mx50m	25T, 15T	Hydraulic Press 4000T
7.	Heavy Component Division Machine Shop	120mx50m	25T	Cutting Boring Machine Foundations
8.	Defence Shop	30mx57m	40T	Drilling Cutting Machine Foundations
9.	Machine shop Division II Pune	120mx90m		CNC Machine Foundation
10.	Machine shop Baramati	140mx70m		CNC Machine Foundation

SHED WORKS EXECUTED BY M. T. PATIL DURING SEVICE PERIOD FOR KALYANI GROUP COMPANIES

S. No.	Shop name	Size	EOT Crane Capacities	Machine Foundations
B.	KALYANI TECHNOFORGE RANJANGAON			
1	Forging Press shop	100mx60m		Mechanical Press (4000T & 2500T)
2	Machine shop	100mx60m		CNC Machine Foundation
C.	KALYANI STEELS			
1	Rolling Mill Hospet	150mx50m	25T	Rolling Mill Foundation
2	Bloom mill existing shed strengthening and foundation		25T	Blooming Mill Foundation
3	Ingot casting bay	170mx30m	150T	Ingot Casting facility

**LARGEST PROJECT WORK EXECUTED FOR KALYANI
GROUP COMPANIES DURING SEVICE PERIOD OF
M. T. PATIL**





**LARGEST PROJECT WORK EXECUTED FOR KALYANI
GROUP COMPANIES DURING SERVICE PERIOD OF
M. T. PATIL**



**PRESENT
- CONSULTANCY
SERVICES**

OUR AUTHENTIC LICENSED SOFTWARES

DESCRIPTION	SOFTWARE
FOR ANALYSIS & DESIGN OF STRUCTURES (RCC, PEB, CONVENTIONAL STEEL)	<ul style="list-style-type: none">• STAAD PRO CONNECT EDITION• RCDC• STAAD FOUNDATION• RAM CONNECTION
FOR DRAFTING / DRAWING (RCC, GA, FABRICATION)	<ul style="list-style-type: none">• AUTOCAD
FOR COST ESTIMATION, BOQ & MANUAL DESIGN CALCULATIONS	<ul style="list-style-type: none">• MICROSOFT OFFICE



OUR COMPLETED WORKS



AXIS TOOLING, NIGHOJE

- **Machine Shop**
- **PEB Shed : 35m x 85m x 8m Height**
- **Builtup Area : 43,000 sq. ft.**
- **Project Cost : 4 Crores**
- **Provided Structural Consultancy & Project Management Services**
- **Project Status : Completed**

COTTONKING, BARAMATI

- Mezzanine Floor inside Production Area Building: 36m x 34m x 5m Height
- Extension Building (G+1) : 14m x 40m x 10m Height
- Washing Building (G+1) : 12m x 39m x 10m Height
- Builtup Area : 35,293 sq. ft.
- Project Cost : 6 Crores
- Providing Consultancy Services from Planning to Completion Stage
- Project Status : Completed





COTTONKING, BARAMATI

AFTER SITE COMPLETION

KUMBHA CHEMICALS , MIDC KURKUMBH

- **Chemical Process Plant**
- **Crystallization RCC Building (G+2) : 32m x 7.8m x 20m height**
- **Distillation RCC Tower (G+8) : 10m x 6.5m x 30m Height**
- **Office Building (G+2): 8m x 8m x 20m**
- **Builtup Area : 18,150 sq. ft.**
- **Project Cost : 3.5 Crores**
- **Consultancy Services provided from Planning to Completion Stage**
- **Project Status : Completed**





FRONT VIEW



REAR VIEW

KUMBHA CHEMICALS

SHIV SHAKTI OXALATE PVT. LTD., MIDC KURKUMBH



Chemical Process Plant



Distillation RCC Tower : 25m x 13m x 36m HEIGHT



Builtup Area : 18,163 sq. ft.



Project Cost : 3 Crores



Providing Consultancy Services from Planning to Completion Stage



Project Status : Commissioning Stage





SHIV SHAKTI OXALATE PVT. LTD., MIDC KURKUMBH

PAIKUL BRIDGE, GOA

- Client : Goa State Infrastructure Development Corporation (GSIDC)
- Order through Surbhi Enterprises
- 42.5m Span Girder
- 85m Long x 8.5m Wide
- Quantity : 250 M. Ton.
- Providing Structural Fabrication Third Party Quality Inspection, Supervision & Certification Work at Indiana Gratings, Jejuri
- Project Status : Completed





PAIKUL BRIDGE, GOA

AFTER SITE COMPLETION

BHARAT FORGE LTD., MUNDHWA



- Defence Shop 1 Extension
- PEB Shed : 28m x 30m x 21m Height
- Architect : Arcaids
- Provided Structural Steel Design Proof checking
- RCC Foundation Design Drawing
- Periodic Site Visits for Quality inspection
- Project Status : Completed





BHARAT FORGE LTD., MUNDHWA

- **Defence Shop 2**
- **PEB Shed : 42m x 18m x 7m Height**
- **Provided Structural Design Drawings**
- **Periodic Supervision for Quality inspection**
- **Project Status : Completed**

BHARAT FORGE LTD., MIDC BARAMATI

- **400KJ Hammer Foundation**
- **Size : 10.5m x10mx 5.3m**
- **Provided Project Management Services**
- **Project Status : Completed**





KALYANI TECHNOFORGE, MIDC RANJANGAON

- **Press Foundation**
- **Capacity : 2500 M.Ton**
- **Size : 7.5m x 7m x 5m Height**
- **Builtup Area : 565 sq. ft.**
- **Project Cost : 1 Crore**
- **Provided Project Management Services**
- **Project Status : Completed**

MANDAKINI ENGINEERING, MIDC RANJANGAON

- PEB Shed
- 15m x 30m x 9m Height
- Provided Structural Design, Drawing, Periodic Site Visit for Quality inspection
- Project Status : Completed





HOTEL SANGAM, MIDC RANJANGAON

- **Client : Mr. Malgunde and Team**
- **G+4 RCC Building**
- **16m x 11m x 15m Height**
- **Provided Structural Design Drawings**
- **Periodic Supervision for Quality inspection**
- **Project Status : Completed**



HALSIDDHINATH ENTERPRISES, MIDC CHAKAN

- **Fabrication Shop**
- **PEB Shed : 22m x 48m x 13m Height**
- **Builtup Area : 11,363 sq. ft.**
- **Project Cost : 1.5 Crores**
- **Provided Consultancy Services from Planning to Completion Stage**
- **Project Status : Completed**

ABHINAV INDUSTRIES, MIDC RANJANGAON

- Machine Shop
- PEB Shed : 13m x 33m x 9m Height
- Builtup Area : 4614 sq. ft.
- Project Cost : 50 Lakhs
- Provided Consultancy Services from Planning to Completion Stage
- Project Status : Completed



ECO-RESORT (KANADE), VELHE

- Walkway Platform, Cottages & Allied Works
- Architect : Mr. R. Vishwakarma
- Platform Size : 70m x 8m x 7m
- Cottage Size : 9m x 5m x 4m
- Provided Structural Design Drawings
- Periodic Site Visit for Quality inspection
- Project Status : Completed





SUYASH ORGANICS, MIDC KURKUMBH

- **G+2 Industrial Building : 16m x 35m x 14m Height**
- **Provided Structural Design & Drawings**
- **Periodic Site Visits for Quality inspection**
- **Project Status : Final completion Stage**

MJ BIOPHARM, HINJEWADI

- ETP Tank : 22m x 19m x 6.5m Height
- Provided Structural Design, Drawing
- Periodic Site Visit for Quality inspection
- Project Status : Completed





ONGOING WORKS



ZOOMLION, KHED CITY

- **Industrial Shed, Admin Building & Allied Works**
- **Architect : Arcaids**
- **Shed Size : 169m x 73m x 12.3m**
- **Admin Building : 109m x 19m x 10m**
- **Review of PEB Structure & Design of Footings**
- **Structural Design Drawings of Admin Building & Allied Works**
- **Periodic Site Visit for Quality inspection**
- **Project Status : Ongoing**



AMCOR FLEXIBLES, CHAKAN



**Industrial Shed,
Office Building &
Allied Works**



**Architect :
Arcaids**



**Shed Size : 150m
x 24m x 12m**



**Office Building :
27m x 10m x 11m**



**Provided
Structural Design
Drawings**



**Periodic Site Visit
for Quality
inspection**



**Project Status :
Ongoing**

SUN INOX METAL FORGE, PHALTAN



**Industrial Shed,
Office Building
& Allied Works**



**Shed Size : 60m
x 20m x 10m**



**Provided
Structural
Design
Drawings**



**Periodic Site
Visit for Quality
inspection**



**Project Status :
Ongoing**



Project Cost : 2 cr.

LABYA MANUFACTURING INDIA, TALEGAON DABHADE



**Industrial Shed &
Allied Works**



**Shed Size : 61m x
51m x 12m**



**Provided
Structural Design
Drawings**



**Periodic Site Visit
for Quality
inspection**



**Project Status :
Ongoing**



Project Cost : 4.5 cr.



ONGOING WORKS

KTFL Baramati – Shed Extension - Project cost 10cr

Bharat Forge – New Extrusion press Line – Project Cost 5cr

Kurkumbh – 7 Plots – Total Project cost 3cr

Kalpataru Ayurvedic Vaidhyshala – Yavat

Lonavala – Tranquil – 14 Bungalows

ONGOING WORKS

Bajel Projects – Rectification Work for Existing Galvanization plant

Bharat Forge – Walkway Platform for connecting shops

Murali Krishna Pharma – Proposed Building – 40,000sq.ft.

Zamil Steel – Shed Extension Works – 60,000sq.ft.

Save Eco – Industrial Shed – Project cost 3cr

OUR ASSOCIATES

STRUCTURAL CONSULTANTS

- PRUDENT DESIGNS PVT. LTD., PUNE
- STRUSKEL PVT. LTD., PUNE

ARCHITECTS

- ARCAIDS, PUNE
- JAYBHADRAA ASSOCIATES,
OSMANABAD

OUR DETAILS

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THANK YOU

WE LOOK FORWARD TO WORK WITH YOU

