



# **MTP STRUCTURES PVT. LTD.**

## **CONSTRUCTION CONSULTANCY & PROJECT MANAGEMENT SERVICES**

**M. T. PATIL**

**Structural Consultant & Licensed Engineer  
Providing Consultancy services since 2020**

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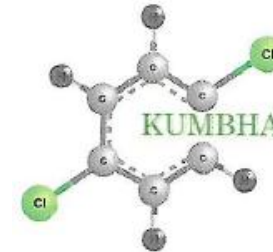
# OUR EXPERTISE

ONE POINT SOLUTION FOR ALL INDUSTRIAL PROJECT CONSTRUCTION CONSULTANCY SERVICES

- ✓ SITE LAYOUT PLANNING
- ✓ ARCHITECTURAL BUILDING PLANS, ELEVATIONS, SECTIONS, 3D MODEL VIEWS AND WALKTHROUGH
- ✓ STRUCTURAL DESIGN, GENERAL ARRANGEMENT (GA) & DETAILED DRAWINGS OF:
  - STRUCTURAL STEEL SHED / BUILDINGS (PEB / CONVENTIONAL / COMPOSITE)
  - RCC BUILDINGS
  - MACHINE FOUNDATIONS, ROBO TRACK FOUNDATION, CELLAR PUMP PIT, PIT COVERS, ETC.
  - UTILITY STRUCTURES FOR COOLING TOWERS, WATER COMPLEX, TRANSFORMERS, STEEL STORAGE RACKS,
  - SHOP FLOORING, ROADS, DRAINLINE LAYOUT, ETC.
- ✓ LIASONING WORKS AND FOLLOW UP WITH GOVERNMENT AUTHORITIES, MIDC, PMRDA FOR BUILDING PLAN APPROVALS
- ✓ PROJECT COST ESTIMATION, BOQ & TENDER FLOATATION
- ✓ PERIODIC SITE VISITS FOR QUALITY INSPECTION
- ✓ PROJECT MANAGEMENT
- ✓ STABILITY CERTIFICATE OF STRUCTURES AFTER INSPECTION
- ✓ BUILDING COMPLETION CERTIFICATE FROM GOVERNMENT AUTHORITIES, MIDC, PMRDA

# OUR CLIENTS

BHARAT FORGE





# **ABOUT US**

# **TECHNICAL EXPERTISE OF M. T. PATIL – B.E. CIVIL**

- **STRUCTURAL CONSULTANT & LICENSED ENGINEER**
- **39 YEARS EXPERIENCE IN DESIGN AND SITE EXECUTION**
- **33 YEARS OF VAST EXPERIENCE IN KALYANI GROUP OF COMPANIES**
  - **INDUSTRIAL PROJECTS**
  - **HEAVY MACHINE FOUNDATIONS**
  - **PROJECT PLANNING**
  - **STRUCTURAL DESIGN**
  - **ESTIMATION & COST OPTIMIZATION**
  - **SITE EXECUTION**

# OUR TEAM

| TEAM MEMBER                                | DETAILS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MAHADEV PATIL<br>(M.T. PATIL)<br>(BOMBALE) | <ul style="list-style-type: none"><li>• STRUCTURAL CONSULTANT &amp; LICENSED ENGINEER (B.E. CIVIL)</li><li>• 39+ YEARS OF VAST EXPERIENCE IN INDUSTRIAL PROJECTS - PROJECT PLANNING, STRUCTURAL DESIGN, ESTIMATION, SITE EXECUTION &amp; COST OPTIMIZATION</li><li>• EX-V.P. (KALYANI GROUP OF COMPANIES - KALYANI GLOBAL, KGEPL PUNE)</li><li>• PLANNED, DESIGNED &amp; EXECUTED NO. OF HEAVY ENGINEERING EPC PROJECTS FOR FORGING AND STEEL PLANTS</li></ul>                            |
| AKASH PATIL                                | <ul style="list-style-type: none"><li>• STRUCTURAL ENGINEER (M.TECH. STRUCTURES, B.E. CIVIL)</li><li>• CHARTERED ENGINEER (INDIA) (C.ENG.(I))</li><li>• 8+ YEARS EXPERIENCE IN STRUCTURAL DESIGN – INDUSTRIAL AND COMMERCIAL PROJECTS</li><li>• ASSOCIATE MEMBER OF INSTITUTE OF ENGINEERS (INDIA) (IEI-AMIE)</li><li>• LIFE MEMBER OF INDIAN SOCIETY OF STRUCTURAL ENGINEERS (ISSE-LM)</li><li>• ASSOCIATE MEMBER OF INDIAN ASSOCIATION OF STRUCTURAL ENGINEERS (IASTRUCTE-AM)</li></ul> |
| ARPITA PATIL                               | <ul style="list-style-type: none"><li>• JUNIOR ENIGNEER (DIPLOMA (CIVIL))</li><li>• 4+ YEARS EXPERIENCE IN DRAFTING, ESTIMATION AND COSTING</li><li>• PREPARE ARCHITECURAL &amp; BASIC STRUCTURAL DRAWINGS OF INDUSTRIAL PROJECTS</li></ul>                                                                                                                                                                                                                                               |
| NITIN SATHE                                | <ul style="list-style-type: none"><li>• DIPLOMA DRAFTSMAN - MECHANICAL</li><li>• 30+ YEARS EXPERIENCE IN DRAFTING - ARCHITECTURAL, STRUCTURAL, UTILITY AND FOUNDATIONS DRAWINGS</li><li>• INVOLVED IN LIASIONING WORK UNDER THE GUIDANCE OF SENIOR</li><li>• EX-DRAFTSMAN (KALYANI GROUP OF COMPANIES - KALYANI GLOBAL, KGEPL)</li></ul>                                                                                                                                                  |

# OUR TEAM

| TEAM MEMBER        | DETAILS                                                                                                                                                                                                                                                        |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GHANASHYAM KACHAVE | <ul style="list-style-type: none"><li>• JUNIOR ENGINEER (B.E.CIVIL, DIPLOMA CIVIL)</li><li>• 3+ YEARS EXPERIENCE IN ARCHITECTURAL &amp; STRUCTURAL DRAWINGS, BOQ PREPARATIONS</li><li>• BASIC KNOWLEDGE OF STRUCTURAL &amp; RCC DESIGN AND SITE WORK</li></ul> |
| MAYUR KARANDE      | <ul style="list-style-type: none"><li>• SITE ENGINEER (BE CIVIL, DIPLOMA CIVIL)</li><li>• 7+ YEARS EXPERIENCE OF INDUSTRIAL SITE WORK – CIVIL &amp; FABRICATION, ESTIMATION &amp; COSTING</li><li>• BASIC SITE EXECUTION DRAWING PREPARATION</li></ul>         |
| SURAJ RASKAR       | <ul style="list-style-type: none"><li>• SITE ENGINEER (BE CIVIL, DIPLOMA MECHANICAL)</li><li>• 5+ YEARS OF EXPERIENCE INDUSTRIAL SITE AND QUALITY CHECKING WORK</li></ul>                                                                                      |
| AKSHAY INGAVALLE   | <ul style="list-style-type: none"><li>• JUNIOR ENGINEER (B.E.CIVIL, DIPLOMA CIVIL)</li><li>• 4+ YEARS EXPIRIENCE IN ARCHITECTURAL &amp; STRUCTURAL DRAWING PREPARATIONS</li><li>• BASIC KNOWLEDGE OF STRUCTURAL &amp; RCC DESIGN</li></ul>                     |
| NIKHIL SHINDE      | <ul style="list-style-type: none"><li>• JUNIOR ENGINEER (B.E.CIVIL, DIPLOMA CIVIL)</li><li>• 2 MONTHS EXPERIENCE OF ARCHITECTURAL &amp; BASIC STRUCTURAL DRAWING PREPARATION</li><li>• BASIC KNOWLEDGE OF RCC DESIGN</li></ul>                                 |

# OUR STATE-OF-THE-ART AUTHENTIC LICENSED SOFTWARES

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



**COMPLETED WORKS**

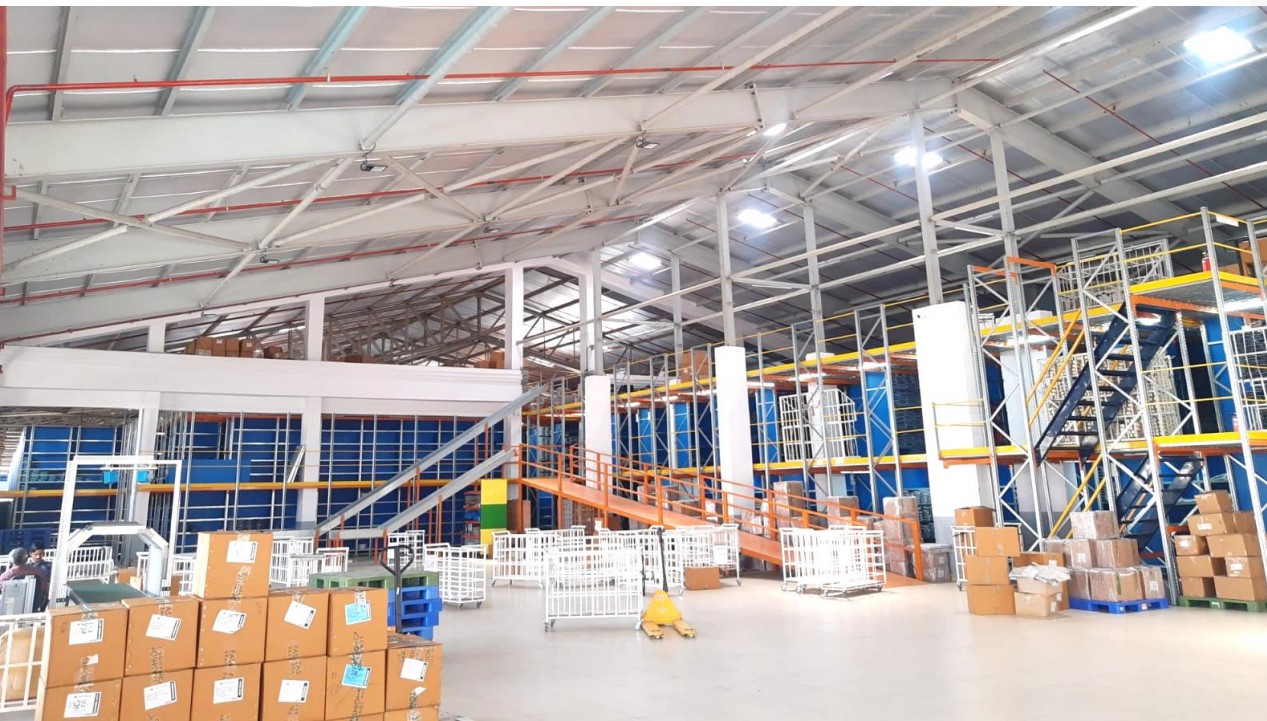


# **AXIS TOOLING, NIGHOJE**

- **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 in 2021**

# 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 in 2021



**PRODUCTION BUILDING**



**WASHING BUILDING**



**PRODUCTION BUILDING**



**WASHING BUILDING**

**COTTONKING, BARAMATI**



# **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 in 2021**

# 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 in 2021



# **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 in 2021**





**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 : Completed in 2022**





**SHIV SHAKTI OXALATE PVT. LTD., MIDC KURKUMBH**



# **HOTEL SANGAM, MIDC RANJANGAON**

- **Client : Mr. Malgunde**
- **G+4 RCC Building**
- **16m x 11m x 15m Height**
- **Provided Structural Design Drawings**
- **Periodic Supervision for Quality inspection**
- **Project Status : Completed in 2022**

# 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 in 2022





# 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 in 2023



The image shows the interior of a large industrial shed. The ceiling is high and made of corrugated metal with a network of steel beams. Several bright lights are mounted on the ceiling. The floor is a smooth, light-colored concrete. On the left, there are tall metal racks or shelving units. In the center, there's a yellow overhead crane. Various pieces of equipment, including a yellow forklift, are visible on the floor. The overall atmosphere is industrial and well-lit.

# **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 in 2023**

# **BHARAT FORGE LTD., MIDC BARAMATI**

- **400KJ Hammer Foundation**
- **Size : 10.5m x10mx 5.3m**
- **Provided Project Management Services**
- **Project Status : Completed in 2023**



# **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 in 2023**



# IKIGAI ECO-RESORT, 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 in 2023



# 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 in 2023



# 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 :  
Completed in 2023**



**Project Cost : 4.5 cr.**





# **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 : Completed in 2023**



**PRODUCTION BUILDING**



**ADMIN BUILDING**

**ZOOMLION, KHED CITY**



# **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 : Completed in 2024**



# ZAMIL STEEL, MIDC RANJANGAON

- Shed Area (2,3,4) : 60,000 sq.ft
- Joint review of PEB Structure
- Foundation Design
- Consultancy & Periodic Site Visits
- Completed in 2024

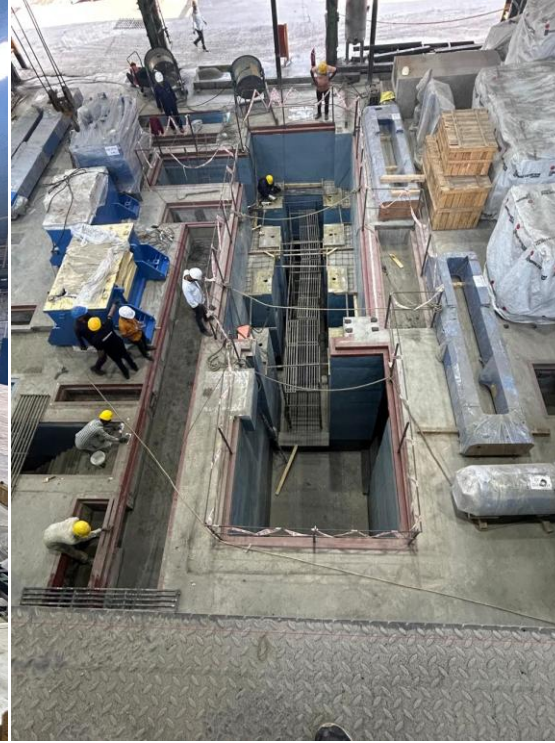
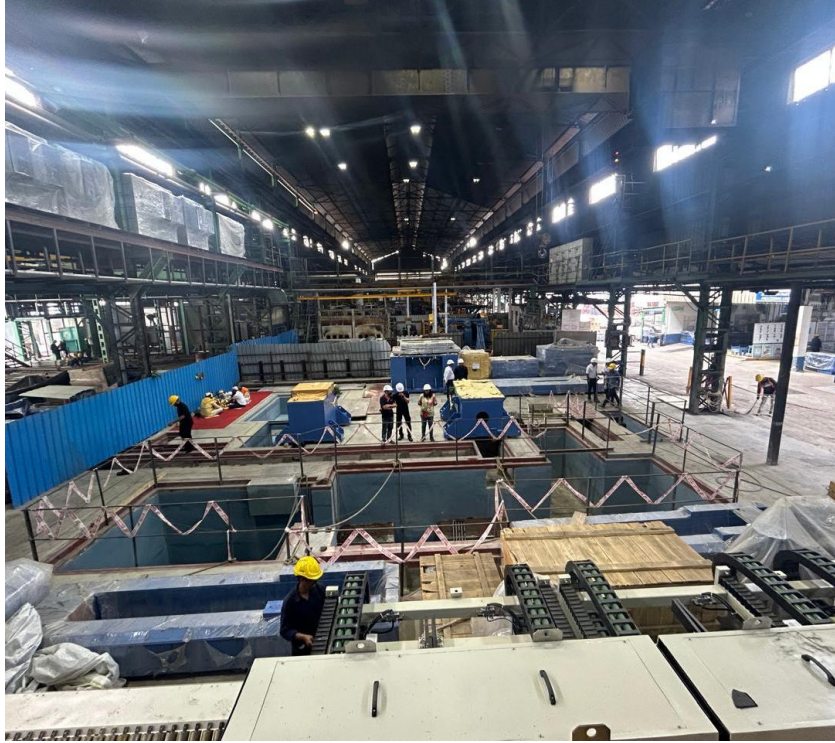


# BAJEL PROJECTS, MIDC RANJANGAON

- Rectification Work for Existing Galvanization plant
- Structural Consultancy
- Girder and Walking Platform Load detached from Roof Truss and transferred on New Frame Structure without major shutdown
- Periodic Site Visits for quality review
- Project Status : Completed in 2024



# BHARAT FORGE LTD., MUNDHWA



- Extrusion Press Line Project
- Project cost : 5cr.
- Structural Consultancy
- Periodic Site Visits for Quality review
- Project status : Completed in 2025



# SANKLA GROUP MIDC CHAKAN

- Area : 40,000 sq.ft
- Complete PEB Design
- Plant Aesthetic views, rendering and walkthrough
- Structural Consultancy
- Fabrication Detailing
- Periodic Site Visits for Quality review
- Project status : Completed in 2025

6 May 2025, 1:04 p



6 May 2025, 1:20 pm

# **KALYANI TRANSMISSION TECHNOLOGIES PVT. LTD. MIDC BARAMATI**

- Project Cost : 10cr.
- Structural Consultancy
- Project Management
- Periodic Site Visits for Quality review
- Project status : Completed in 2025



# BALU FORGE INDUSTRIES LTD., KAKATI, BELAGAVI

- Project Cost : 10cr.
- Forge Shop, MCD Shops, Heat Treatment Shop and Machine Foundations
- Provided Structural Consultancy
- Periodic Site Visits for Quality inspection
- Project Status : Completed in 2025

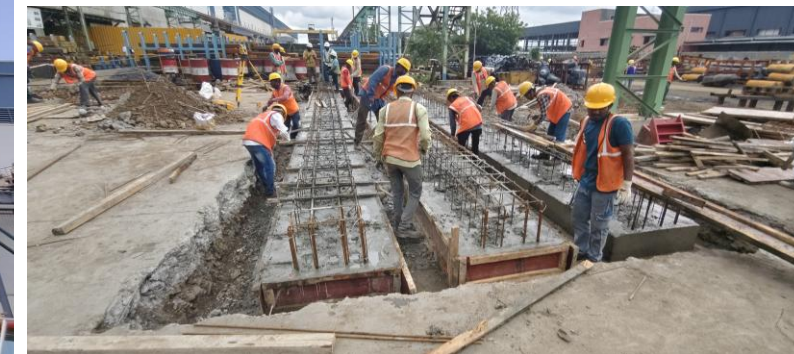
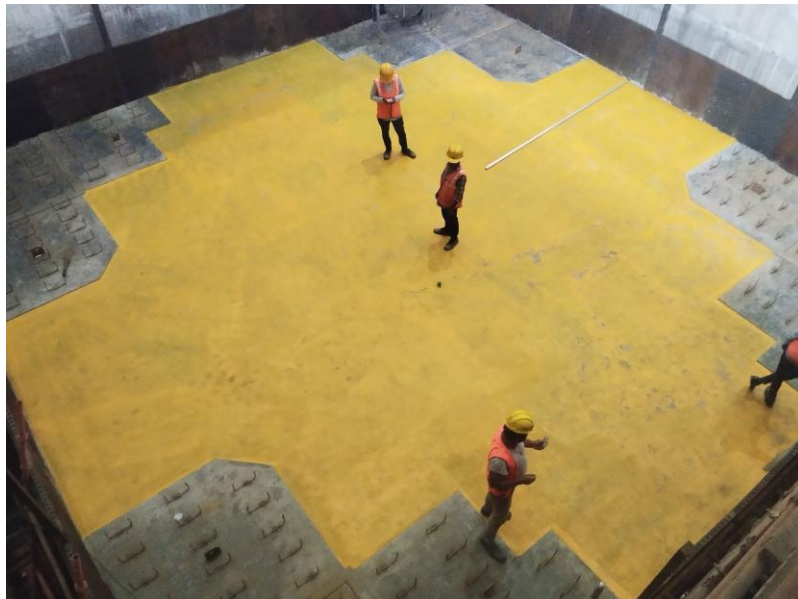




**ONGOING WORKS**

# BHARAT FORGE LTD. MIDC BARAMATI

- Project Cost : 25cr.
- Structural Consultancy
- Project Management
- Periodic Site Visits for Quality review
- Project status : Ongoing





# SAVE ECO ENERGY, MARKAL

- Project Cost : 3cr.
- G+Mezzanine+1 Industrial Building
- Providing Structural Consultancy
- Periodic Site Visits for Quality inspection
- Project Status : Ongoing

# THANK YOU FOR YOUR VALUABLE TIME



WE LOOK FORWARD TO WORK WITH YOU  
ON YOUR NEW PROJECT SOON



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