



Pratap Chandra Mishra CEng IE India

Chartered Engineer, Institution of Engineers(I)

DCE, B Tech Civil, AMIE(I), AMIMEchE (I), M.I.Inst.W., M Tech Structure

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Executive Summary With over 32 years of experience in Industrial, Civil, and Structural & Site Engineering, I have successfully led high-profile infrastructure and industrial projects across diverse sectors, including Metro Rail, Airports, Thermal Power Plants, Steel Plants, High-Rise Buildings, Hospitals, and Mining. My career began with a Diploma in Civil Engineering, followed by Continuing Professional Education to become professional such as AMIE(I) Civil and & Btech Equivalent in Mechanical Engineering AMIMEchE(I) & Member of Indian Institute of Welding M.I. Inst.W with MTech Structural Engineering.

PROJECTS

2021-2023

- SMS II JSPL, Angul Odisha with JSPL Angul

2020-2021

- BHOPAL Metro Rail, Bhopal with Dilip Build Con Ltd

2012-2020 With TATA Projects Ltd

- TATA Steel Noamundi [WTP, Residential Complex.
- Keonjhar Medical Collage & Hospital
- MAHINDRA Luminare, 32 Storied X 2 Tower with High end Finishing
- Sands Infra-Lulu Group 42 Storied X 2 Towers
- JSPL-Angul BF & COB
- TATA Steel-KPO, HSM & SMS Waste Water System, RWTP, Raw Water Reservoir

2010-2012 With Simplex Infra Ltd

- NTPC BgTPP, Bongaigaon, Assam
- NTPC VSTPP-Vindhyannagar

2007-2010 With L&T B&F

- TAJ Hotel-Dwarka, NDL
- JINDAL Global Law University
- DIAL Terminal 3

2000-2007 With Simplex Infra Ltd

- Metro Rail Bridge over Northern Railway tracks, Kirtinagar (Delhi) & Delhi Metro Rail Bridge, Rajorigarden (Delhi) **Braithwaite Burn and Jessop Construction Company Ltd**
- TATA Steel-Jamshedpur
- Hill Cement Ltd-Meghalaya
- NTPC VSTPP

1995-2000

- LMCo, Bolangir (Graphite Beneficiation Project)
- BILT Chowdar, Cuttack

1990-1995

- SHIVA Cement Ltd, Rourkela, Odisha 80 TPD VSK & 300 TPD Rotary Kiln Cement Plant

I have consistently managed all phases of projects, from conceptual design to detailed execution, ensuring timely delivery within budget. With a strong focus on operational efficiency, I excel at optimizing processes, leading cross-functional teams, and establishing benchmarks for quality and cost control while maintaining safety and regulatory compliance. As I transition into senior executive roles, I aim to leverage my technical expertise and leadership skills to drive innovation, operational success, and sustained growth for organizations, ensuring exceptional results for clients.

Objective

With over 32 years of experience in Industrial, Civil, and Structural Engineering, I seek to offer my expertise to a reputed organization that values innovation, operational efficiency, and excellence in project execution. My experience in leading diverse projects across sectors such as Metro Rail, Airports, Power Plants, Steel Plants, and Mining has equipped me with the skills to drive complex projects from concept to completion.

Having started my career at the ground level and progressed through various roles, I have developed a comprehensive understanding of different functions, allowing me to adapt to challenges and take a holistic approach to assignments. I am eager to apply my technical knowledge, leadership, and operational expertise to support an organization's goals, ensuring timely project delivery, cost optimization, and adherence to safety and quality standards. My aim is to contribute strategically, add significant value, and help the company achieve sustainable growth while contributing to national infrastructure development.

ACADEMICS PROFF MEMBERSHIP & CONTINUING STUDY

AMIE(I) AM187150-4 Institution of Engineers India
M.I.Inst.W.13976 Indian Institute of Welding IIW, India

2017-19	MTech Structure	SVN Univ.	76%
2014-17	BTech CVL	SVN Univ.	73%
2013-16	AMIMEchE (I)	IME, India	57%
1986-89	DCE	SCTET, OD	57%
1986	10th	BOSE, OD	53%
Cont.	CMA Inter	ICAMAI	
Cont...	Material & Metallurgical	IE India	

AS an Employee successfully delivered complex tasks within deadlines, utilizing inventive solutions:

2021-2023 Employer JSPL Angul Proj: SMS 2

Project Executed the Job with 2nd Tier Construction agency to complete the project to commissioned in the time frame with guidance to the agencies and by monitoring on hourly basis, task basis on weekly, monthly & milestone Basis. Got an opportunity to work under close guidance & monitoring of the founder Chairman **Mr Navin Jindal jee & other senior officials EVP Mr Vikas Goel & ED Mr H Jha**. **Achieved my Task with Zero Harm & Qualitatively.**

Independently Countered contractually of the Claim of ESSAR Construction Ltd the agency deployed for scale pit Excavation in which they had claimed for Extra payment stating the Slope profile maintained where we successfully established as per the provision of Contract is inclusive of all Slope Bench as per the safety standards is required to Execute.

2018-2020 Employer TPL

Proj: **Govt Hospital & Medical Collage**, Keonjhar successfully procured Building material like Coarse Aggregate, AAC Block, Flooring & Finishing materials within the Budget Challenging to the Corporate SCM Department's negotiate price without compromising the Quality and the Delivery schedule from the same vendors. **Achieved my Task with Zero Harm & Qualitatively.** Earned **6% PBT on average in two years**

Lodged Extra Claim (Not Conformed about encashment as left the Organisation) & Extension of Time in the evidence of delayed handover of 4 Acres of Land out of 44 Acres based on idle of mobilised Resources to execute the said-not handed over land's located work, Delay damaged

2016-2017 Proj: Mahindra Luminare, Gurugram, Experience to Execute with Aluminium System Formwork with Completion of two Towers [Shear Wall] x 32 Story Residential Building in 18 months including High end finishing augmenting high skilled finishing work man. **Achieved my Task with Zero Harm & Qualitatively. Earned 3% +8.5 Cr INR from Scope deviation and Extra item**

Established Encashed the Claim of Rs 8.5 Cr INR OUT OF Q4 Cr INR for Italian marble due to supply rate was Cut to size whereas the materials selected to supply Raw Slab Blocks -Fitted Cut to Size in pattern & Vitrified Tiles wastage due to pattern as per Released Drawings.

2016-2016 Proj: Craft Museum 38900 SqM Varanasi contributed as a part of the Team for finishing of the said Project including Flooring, HVAC, Cladding, internal finishes, Lotus RCC & Cladding of Stone with augmentation of 3500 Finishing workman working round the Clock. **Achieved my Task with Zero Harm & Qualitatively**

2014-2016 Proj: JSPL Angul BF, COBP Water system, OHYP Achieved to complete the project in the scheduled Time Achieving my Task with Zero Harm & Qualitatively. Managed & monitored 6 Numbers of Cooling Tower within a time span of 14 Months. **Achieved my Task with Zero Harm & Qualitatively Generate 8% PBT**

Delivered the Job one by one in an appreciating and admired to win progressively other packages with initial WO for BF Civil Works. Got opportunity to work in the monitoring Criteria of **JSPL Chairman Mr Naveen Jindal & Jindal** including senior Team leader of JSPL Mr Samar Suri, Mr Damodar Mittal & Mr Satybrat Mohapatra.

2012-2014 Proj: HSM Water & waste water system, RWTP Delivered the project in a Lw & Order Disturbed locality, Achieved desired productivity from the local unskilled workman by providing on job Training. Performed to generate Business & added additional 860 Cr INR Value projects from TATA Steel for different packages.

2010-2012 Employer SIMPLEX Infra Ltd.

Proj NTPC VSTPP 500 MGW X 2 assisted the Chief Project Manager in completing 4200 Numbers Piles, 210000 CuM Concrete, 2 Numbers TG Deck, 45000 MT of structural Steel Fabrication & Erection, 275 Meter Height twin flume can RCC Chimney including flume can Erection. Contributed to achieve the workman augmentation, Guided the Team to execute economically, scrap control in R/F steel & Structural steel Rolled section & MS Plates. Guided the fabrication Team to control and utilise off cut inventory in making the availability identifying the desired size thus avoided the scrap percentage. Recorded Cases for unavailability of mismatch sections for fabrication, mismatch of soil strata & pile Depth increase related Drawings thus idling of Equipment & other associated Resources, front & Drawing issue delay & assisted to the Company to encash Claim of Rs 10.7 Cr INR arbitrarily due to above cases.

2007-2010 Employer L&T B&F

Proj DIAL T3 Experienced & achieved the Zero tolerance in Quality, completed on time, massive Civil works including Excavation, Nuclear Density Gauge examined Layer wise Back Filling & Compaction, Mass Concreting & other allied finishing works.

Proj TAJ Hotel NDL Dwarka 50 MTR Depth X 1200/1500/1800 piles, Top & Down method of Construction, i.e. Basement Excavation & Superstructure Executed Parallely.

1990-2000 Employer SIMPLEX Concrete Piles/Simplex infra-Ltd. 1990-2000 Employer SHIVA Cement Ltd. LMCo

Experienced while delivering different Projects covered with **Steel Fabrication & Erection Cutting & Plasma Cutting**, Flame Cutting, Laser Cutting, **Bending & Rolling Machines**, MIG, TIG, Stick Welding, Welding Inspections (Visual, Ultrasonic, X-ray Testing),

Machining & Drilling Operations, **Milling** & Grinding Techniques, **Component** Assembly and Alignment, **Pre-assembly** Checks, **Building** Codes & Safety Regulations, **Personal** Protective Equipment (PPE) ,CNC Programming ,Robotic Welding Systems ,Site Preparation & Layout ,Rigging & Hoisting ,Structural Steel Alignment ,Bolting & Welding on Site ,Safety Protocols for Erection ,Communication & Coordination ,Quality Control & Inspection ,Problem-Solving & Adjustments ,Time Management & Efficiency Project Scheduling, Budgets, and Resource Allocation ,Risk Assessments and Contingency Plans ,Interpreting Mechanical Design and Installation Drawings ,System Integration Coordination ,Selection of Equipment and Procurement Process ,Vendor and Manufacturer Collaboration ,Installation of Pumps, Motors, Heat Exchangers, Compressors, etc. ,Piping Installation for Steam, Water, Gas, Chemical Lines ,Ducting System Installation ,Installation of Structural Supports ,Alignment, Levelling, and Performance Testing ,Hydrostatic and Pressure Tests ,Safety Standards and Regulatory Compliance ,Inspections and Non-Destructive Testing (NDT) ,System Testing and Performance Optimization ,Operator Training ,Technical Issue Identification and Resolution ,Stakeholder Communication and Coordination ,Installation Logs, Inspection Reports, and Compliance Verification ,Scheduling, Resource Allocation, and Task Management ,Energy-Efficient Systems and Green Technologies.

SKILL SET & CORE COMPETENCIES

Project Execution & Management

- Handled **Critical civil works, structural steel fabrication and erection**, and **equipment installation**, having managed multiple phases of large-scale projects.
- End-to-end project management** experience, from feasibility studies, design, procurement, construction, to commissioning.
- In-depth involvement in project **planning, scheduling, and resource allocation**, ensuring efficient use of materials, labor, and equipment.
- Having exposure **project risk management**, identifying potential risks early and implementing mitigation strategies.

Leadership & Team Management

- Built, managed, and mentored multidisciplinary teams** fostering a collaborative work environment.
- Extensive experience as a **Contractor's Representative** and **Owner's Representative**, liaising with stakeholders, consultants, contractors, and subcontractors to ensure project objectives are met.
- Delivered leadership in **managing cross-functional teams**, including engineers, site supervisors, procurement officers, and labor forces.
- Skilled in **conflict resolution**, creating solutions that address concerns from various project stakeholders while maintaining project integrity.

Contract & Vendor Management

- Handled **contract management** for both **owner and contractor perspectives**, ensuring alignment with project specifications, timelines, and budgets.
- Experienced in negotiating **contracts**, managing **subcontractor relations**, and resolving disputes, ensuring adherence to quality, safety, and schedule constraints.
- Knowledge of **vendor management** and procurement processes, including **material selection, cost analysis**, and timely delivery.

Quality Control & Assurance

- Experience in **quality control systems**, ensuring that all civil, mechanical, and structural works meet the required industry standards and specifications.
- Track record of managing and implementing **quality assurance protocols, inspections, and testing procedures** for complex structures such as bridges, plants, and transportation infrastructure.
- Acquainted in understanding of national and international **codes of practice** and **standards** related to civil Concreting, Steel Structural and mechanical engineering works.

Cost Control & Financial Management

- Background in **cost estimation, budgeting, and cost control**, consistently delivering projects within budget.
- Experience in **financial management**, including dealing with **cost overruns**, tracking expenses, and optimizing resource utilization for maximum profitability.
- Experience in **financial reporting and forecasting**, ensuring that financial goals are aligned with the project timeline and quality benchmarks.

Legal & Regulatory Compliance

- Experienced in **administrative functions**, including handling **local litigation** and resolving disputes in compliance with regulatory and contractual obligations.
- Understanding of the **legal landscape** affecting industrial construction, including building codes, safety regulations, environmental laws, and contract law.
- Skilled in managing **insurance** and **risk mitigation** protocols to protect the business from financial and operational risks.

Stakeholder Communication & Reporting

- Communication skills in both **written and verbal** forms, facilitating seamless interaction with internal and external stakeholders.
- Ability to **report to top management**, presenting critical project updates, milestones, and potential risks with clarity and strategic insight.

- Ability to **negotiate** and manage **relationships with clients, contractors, vendors, and government bodies**, ensuring smooth project delivery and stakeholder satisfaction.

Strategic Planning & Decision Making

- Focused working on **strategic planning**, enabling the alignment of project execution with organizational goals and priorities.
- Demonstrated experience in **long-term planning** for infrastructure projects, considering future scalability, operational efficiency, and sustainable development.
- **Analytical thinking** to assess project challenges and propose innovative solutions for optimal performance and cost efficiency.

Health, Safety & Environmental Management

- Committed to **health, safety, and environmental** regulations, ensuring compliance with industry standards to safeguard workers and the environment.
- Experienced in implementing **safety management systems** on high-risk projects like power plants, airports, and steel plants.

Technology Integration & Innovation

- Habituated in the use of modern **engineering software** (AutoCAD, MS Project, Primavera, and others) for design, planning, and project management.
- Continuous interest in incorporating **emerging technologies**, including automation and data analytics, to improve project delivery and operational efficiency.

Key Strengths:

- **Adaptable** in complex, multi-disciplinary environments.
- Exceptional at managing large-scale projects from concept to completion, ensuring the achievement of business and technical objectives.
- Relationship management and **client/Stack Holder's satisfaction** focus.
- Ability to manage **Large Project having substantial budgets** and lead teams to achieve financial and operational goals.

With a career marked by the successful delivery of critical projects across diverse sectors, is now poised to take on a **senior leadership role**, bringing decades of practical experience, leadership ability, and project execution expertise to a strategic level in an organization.

Personal Dossier

Father's Name	Bidyadhar Mishra	Mother's Name	Sarswati Mishra
DOB:01/01/1972	Native: Bhadrak, Odisha	Religious faith	Hinduism
Passport Detail	24328527Validity 5/11/2027	PAN Number	AFMPM8763P
AADHAR Number	375511899752	Notice Period	2 Months

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	Prof.	English	Hindi	Odia	Bengali
Language Known	Read	✓	✓	✓	X
	Write	✓	X	✓	X
	Speak	✓	✓	✓	✓

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