



DINESH KUMAR SARAOGI

Advisory Consultant

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ALMA MATER

B.E. (Mechanical Engineering) from Government Engineering College, Jabalpur, Madhya Pradesh in 1981.

SUMMARY

A passionate and result-oriented leader with 44+ years of proven expertise in steel plant operations, cost optimisation, and project execution — in both India and abroad. Renowned for turning opportunities into competitive advantage and delivering transformational results without heavy capital expenditure.

Held senior leadership positions at **Jindal Steel & Power Ltd. (Raigarh, Angul, Sohar Oman & Duqm Oman)** and successfully commissioned, revived, and optimised multiple large-scale steel plants, delivering sustainable profit growth.

Currently leading Saraogi Metal Solutions Pvt. Ltd., offering specialised Advisory for:

- Profit improvement of 20–30% using existing assets, without major CAPEX.
- Waste-to-wealth initiatives to convert by-products into value-added products.
- Steel plant restarts, operational efficiency improvement, and Manpower solutions.
- End-to-end project advisory from concept to commissioning.

Trusted by steel producers, investors, and EPC companies for productivity enhancement, cost reduction, and sustainable profitability.

CORE EXPERTISE

- Strategic Planning & Cost Optimisation
- Steel Plant Operations & Projects Commissioning
- Charge Mix Optimisation & Yield Improvement
- Waste-to-Wealth Project Implementation
- Manpower Planning & Productivity Enhancement
- Feasibility Studies & Project Advisory
- Restart & Turnaround of Idle Plants

Thorough technical knowledge of:

Blast Furnace (BF), Vertical Shaft DRI, Rotary Kiln, Electric Arc Furnace (EAF), Basic Oxygen Furnace (BOF), Submerged Arc Furnace (SAF), Caster, Sinter Plant, Pellet Plant, Coal Gasification Plant, Oxygen Plant, Lime & Dolomite Plant, Coke Oven, Producer Gas Plant, Plate & TMT Mill, Extrusion Plant, RMH (Raw Material Handling) Systems, Beneficiation Plant, Hot and Cold rolling mil, Railway Infrastructure.

KEY CAREER HIGHLIGHTS & ACHIEVEMENTS

- **JSW Steel – Corex Plant Challenge Resolution:**

When JSW's Corex plant faced operational challenges, proposed and facilitated the installation of a 1250 m³ Blast Furnace from MECON, which proved to be a turning point for JSW.

- **Jindal SAW Pipe Ltd.:**

Successfully executed their 350 m³ Blast Furnace project along with the Ductile Iron Pipe project, delivering both on time and within budget.

- **Long-standing Association with OP Jindal Group:**

Deep familiarity with the group's operations and have extended support across multiple projects and plants over the years, contributing to their growth and operational excellence.

AWARDS & RECOGNITION

- Best Corporate Leader Award of Odisha – 2013
- Best Corporate Leader Award of the Year – 2014
- Fame Award – The Best Director of the Year – 2014
- Leading Director Award – 2020–21

FULL-TIME ADVISORY CONSULTANT

AUGUST 2024 – PRESENT

- Helping restart steel plants and improve operations.
- Providing experienced manpower profiles, if required.
- Designing efficient plant layouts to reduce project costs and ensure low production costs during long-term operations.
- Assisting in selecting the right technology, consultants, contractors, and suppliers, and preparing effective project plans for successful execution.
- Advising multiple steel companies on operations and strategy.
- Achieved client improvements worth several crores through targeted solutions.
- Driving process optimisation, productivity, and quality improvements.
- Supporting decision-making in technology upgrades, supply chain, and capex planning.
- Acting as a trusted advisor to leadership teams for high-impact results.

FUNCTIONAL SKILLS

- Greenfield steel projects and operations
- Manufacturing & production
- Capacity utilisation
- Concept to commissioning
- Layout & configuration
- Operational efficiency
- Profitability & cash flow management

CHIEF EXECUTIVE OFFICER

VULCAN GREEN STEEL, PART OF JINDAL STEEL & POWER GROUP – DUQM, SULTANATE OF OMAN – 10 MTPA STEEL PLANT

APRIL 2023 - AUGUST 2024

The Duqm greenfield project is one of the most prestigious in its category. It showcases a modern approach to producing steel using green hydrogen, reducing CO₂ emissions, and moving towards carbon neutrality.

PORTFOLIO

- Planned and finalised plant configuration, layout, technology, and consultant selection.
- Led the 10 MTPA Vulcan Green Steel project in Duqm.
- Conducted due diligence on investment, capex, and opex values.
- Managed all technical and administrative functions for cost-effective execution.

- Built strong networks with key partners, government bodies, and stakeholders to support project and socio-economic growth.
- Developed and implemented overall project strategy and work plans to achieve targets.
- Led the segment business analysis group, applying best practices and a high degree of standardisation in project assignments.
- Adopted the best engineering strategies and worked with execution agencies to meet project timelines while maintaining industry standards.
- Oversaw main plant areas including Pellet Plant, Gas based DRI Plant, SMS, and TSCR.
- Managed the first project phase of 5 MTPA, with total plant capacity planned at 10 MTPA.

GROUP CEO – STEEL

JINDAL STEEL & POWER LTD., ANGUL, INDIA – 12 MTPA STEEL PLANT

APRIL 2022 - MARCH 2023

- Led operations and expansion projects across all business units.
- Executed strategic initiatives for capacity enhancement, product development, and operational efficiency.
- Managed budgets, cost-benefit analysis, and performance reviews of all units.
- Determined and reviewed budget estimates and staffing requirements.
- Built and inspired a high-performing leadership team.
- Directed improvement projects to remove bottlenecks, enhance product quality, and improve business performance.
- Worked on cash flow, working capital, throughput, and OEE (Overall Equipment Effectiveness).

CHIEF OPERATING OFFICER

JINDAL STEEL & POWER LTD., RAIGARH, C.G., INDIA – 3.6 MTPA STEEL PLANT

APRIL 2018 - MARCH 2022

- Led the concept-to-commissioning of the 3.6 MTPA integrated steel plant at Raigarh.
- Managed complete plant operations and expansion projects at the Raigarh unit.
- Oversaw profitability and working capital for Raigarh, Raipur, and Punjipatra units.
- Successfully commissioned various modification projects to improve productivity.
- Oversaw and managed all aspects of plant operations, ensuring efficiency, safety, and compliance with environmental regulations.
- Improved processes throughout the project lifecycle to enhance safety, quality, supply chain efficiency, and cost control.

EXECUTIVE DIRECTOR IN CHARGE

JINDAL STEEL & POWER LTD., ANGUL, ODISHA, INDIA – 6 MTPA STEEL PLANT

APRIL 2012 – MARCH 2018

- Led the concept-to-commissioning of the 6 MTPA integrated steel plant at Angul.
- Coordinated the start-up of India's first coal gasification unit with gas-based DRI and India's largest 4,554 m³ blast furnace.
- Achieved rated production capacity from all units.
- Implemented major improvement projects and capacity utilisation plans.
- Strengthened inbound and outbound logistics to match the ramp-up of production.
- Delivered process optimisation, production enhancement, and EBITA maximisation.
- Controlled working capital, optimised costs, and improved productivity.

EXECUTIVE PRESIDENT & PLANT HEAD

JINDAL SHADEED, SOHAR, OMAN – 2.4 MTPA STEEL PLANT

APRIL 2010 – MARCH 2012

- Commissioned the greenfield steel project in Sohar, Sultanate of Oman.
- Successfully commissioned a 1.8 MTPA Gas based DRI plant in a record time of 4 months.
- Improved processes across the project lifecycle for safety, quality, supply, and cost control.
- Built strong relationships with government authorities and local administration.

VICE PRESIDENT - PRESIDENT

JINDAL STEEL, ANGUL, INDIA – 6 MTPA STEEL PLANT

APRIL 2007 – APRIL 2010

- Managed greenfield project execution from concept to commissioning.
- Oversaw 1st Coal gasification with Gas based DRI plant, SMS (NEOF- 3 MTPA, BOF - 3 MTPA), Blast furnace, Sinter Plant, Coke Oven Projects and its operations.
- Handled Plate mill, TMT Mill, and Slab & Billet caster Projects and its operations.
- Implemented in-house improvement measures to enhance productivity.

WORKS MANAGER - VICE PRESIDENT

Jindal Steel, Raigarh, India – 3.6 MTPA Steel Plant

March 1989 - MARCH 2007

- Managed the concept-to-commissioning of multiple units at Raigarh.
- Commissioned India's first coal-based Sponge Iron plant and its waste heat recovery boiler, in-house.
- Installed and operated SAFs (12.5 MVA, 2 nos. 27 MVA), BFs (350 m³ & 1,681 m³), Sinter plants, coke oven (0.8 MTPA), Lime & Dolo plant 3 nos, and EAF (100T x 3 units), 10 DRI plants, Slab & Billet casters, Rail mill, RUBM, Plate mill, Structural Mill and related facilities.

JINDAL STRIPS, HISAR, HARYANA, INDIA

NOVEMBER 1988 – MARCH 1989

Commissioned 50 TPD DRI kilns and Submerged Arc Furnace (SAF) for pig iron production.

ENGINEER – DEPUTY MANAGER

MP CARBIDE & CHEMICALS LTD., KATNI & KOLKATA, INDIA – 12 MVA SAF, CALCIUM CARBIDE PLANT

NOVEMBER 1985 – NOVEMBER 1988

- Led Production and Maintenance operations for the 12 MVA Submerged Arc Furnace Calcium Carbide Plant and Lime plant.
- Ensured plant efficiency, safety compliance, and smooth operations.

ASSISTANT ENGINEER - ENGINEER

Hindusthan Development Corporation Ltd., Kolkata, India- Manufacturing Unit.

February 1982 – November 1985

- Manufactured railway components including Points & Crossings, Sleepers, Bearing Plates, Slide Chairs, Structural and Related parts.
- Maintained quality standards and production timelines for railway infrastructure products.