



LSI Engineering Consultants Limited

Mining & Metals Business Unit



Creating Value,
Partners in Growth

*Our group
companies*

LSI Financial Services Private Limited
LSI Resolution Private Limited
Resolute Valuers & Consultants Private Limited



LSI Group

A Brief Overview

LSI Financial Services Limited

- Established in 1997
- Category 1 Merchant banker
- Providing variety of Financial Services

LSI Resolutions Private Limited

- Established in 2017
- Offers a spectrum of services related to Insolvency & Bankruptcy
- Restructuring of Debt

Resolute Valuers & Consultants Pvt Ltd.

- Established in 2019
- Provide services related to Valuation Appraisals
- Had participated in Govt. of India disinvestment projects

LSI Engineering & Consultants Ltd.

- Established in 2015
- Provides Engineering & Project Management Services
- Provide LIE, TEV & ASM services.
- Provides PMC & Project Advisory services for Mining & Metals companies

Key Personnel

Raj Kajaria

Founder & Managing Director

Advisory Panel

Pratip Chaudhari,

Former Chairman, SBI & DMD – SBI International Division

Partha S Bhattacharya,

Former Chairman, Coal India

S K Sinha,

Former, Executive Director, Power Grid Corporation

V K Shrivastava,

Former Managing Director, Steel Authority of India Limited

Directors

Asim Tewari

VS Modi

A N Dhar

Anshuman Nathany

B D Agarwal

Debasis Bhattacharya

Rohit Jain

Key Sectors/ Markets

- Infrastructure
- Energy & Power
- Metals & Mining
- Automobile
- Hospitality
- Chemicals



About Us

LSI Engineering & Consultants Ltd

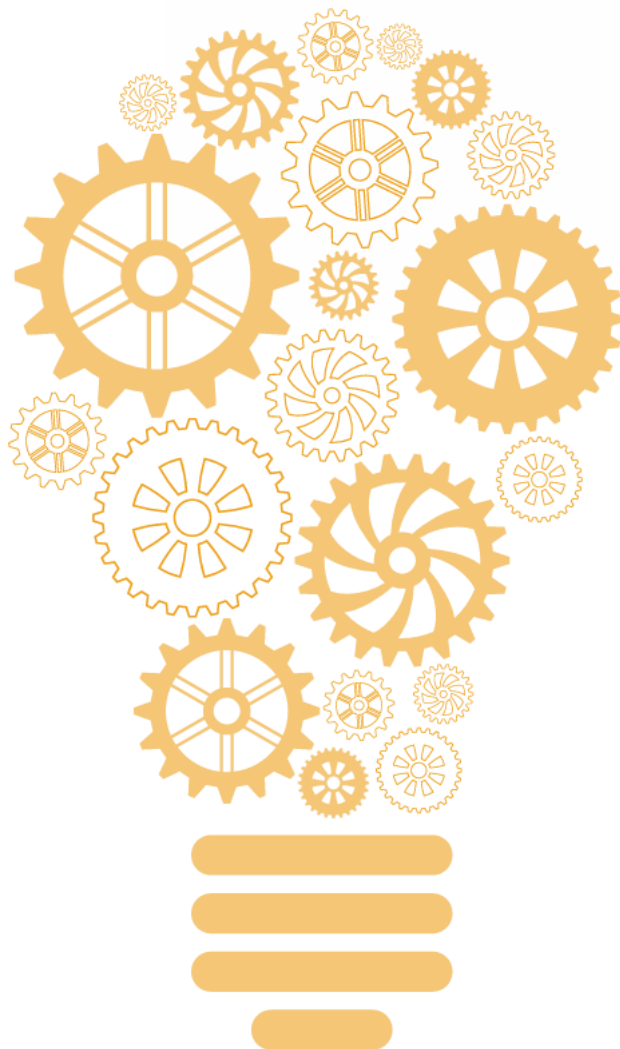
A group of **Passionate, High Quality & Seasoned infrastructure development professionals** had partnered with LSI Group to establish LSI Engineering & Consultants Limited in 2015. It further expanded to Mining & Metals sector in 2023.

LSI Engineering & Consultants Limited has, in a very short period of time, **build a strong pan India presence for clients like NHAI, MoRTH, leading Banks & Financial Institutions, Vedanta, Adani, Shree Cement & other mining companies.**

LSI Engineering & Consultants Limited has a **strong team of experienced Engineers & Business Advisors** having **domain knowledge in various sectors.**

The company is registered with Indian Bank Association (IBA) as an **Agency for Specialized Monitoring (ASM) and is handling project monitoring, cash monitoring etc.** for various industries on behalf of esteemed financial institutions of the country.

LSI Engineering & Consultants Limited has, in a very short period of time, build a **strong pan India presence.**





About Us

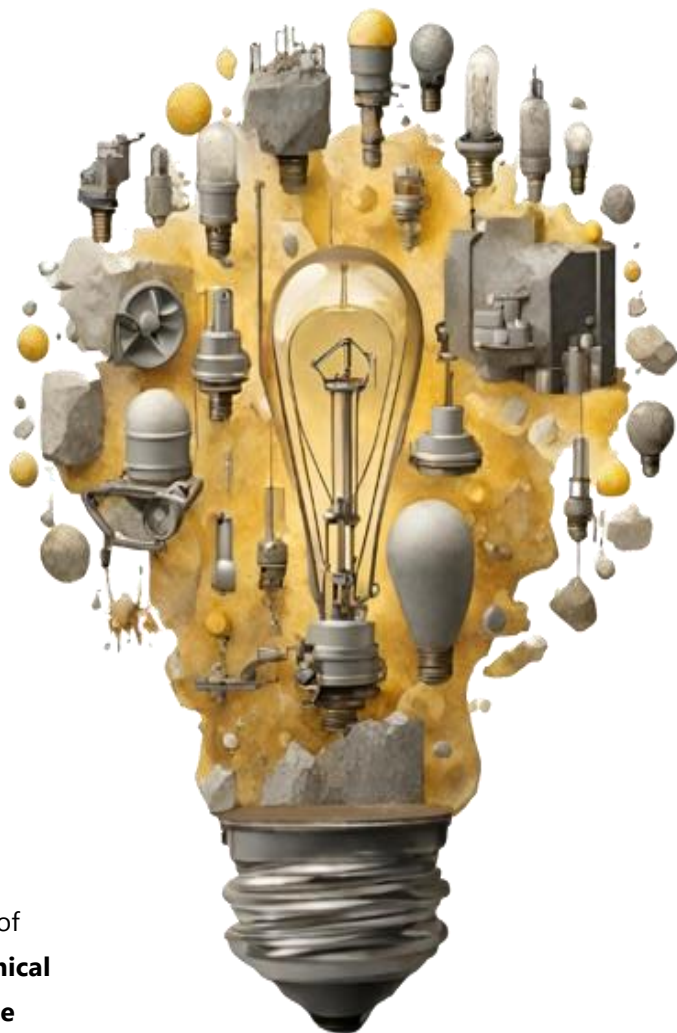
Mining & Metals Business Unit

During its **25+ years in the industry**, LSI served several **mining sector clients** in the capacity of a financial consultant. Further, in a bid to expand our Engineering & Consultants practise we have begun providing **core business & technical services** to mining & metals sector companies.

Within a short period our Mining & Metals business unit has **forged partnerships** with several mining technical & digital service providers to offers **end to end solutioning** for client problems.

We have built a team of **highly talented & experienced people** coming from both the industry & consulting domain. This team augmented by the expertise of our partners we bring forward an **unparalleled understanding of the mining & metals industry**.

Our Mining & Metals business unit offers a gamut of services ranging from **project management, technical consulting, digitalization, cost optimization, blue collar skilling, mine electrification** & so on.



Leadership and learning are indispensable to each other.

John F. Kennedy

Key Personnel

Advisory Panel



Partha S Bhattacharya

Former Chairman, Coal India Ltd, steered the company thru Miniratna (2007), Navratna (2008) & finally Maharatna (2011) - the fastest ascendency for any PSU so far. Spearheaded the historic 10% stake sale of CIL thru IPO.



Dr. K.K Moza

Former Vice Chairman of IGS, Former Member of CBIP, 45 years of experience in Tunnelling and Geotechnology



Durga prasad Duvvuri

Institutional and organizational expert for Policy Formulation to various private and public sector corporates. State Governments & Government of India with 40 years of experience. World Bank Consultant - Organizational, institutional & Policy Framework Consultant to Human Resource Ministry for Civil Services



S.S Momin

Former Advisor to Ministry of Road Transport & Highways. Former Secretary, Maharashtra (PWD); Former Joint Managing Director, MSRDC, force behind Mumbai Pune Expressway.

Leadership



Raj Kajaria

Founder of LSI, Promoter & MD. Mr. Raj established LSI financial services in 1997 with a vision to provide services relating to Corporate Finance Advisory, Project Finance Advisory, Techno-Economic Feasibility Study, Asset & Equity Valuation, Project Management Consultancy and other peripheral services.



Praveen Kumar Mishra

Joint MD, LSI E&C M&M. Former Director of PwC India's Mining & Metals team. Overall, 17+ year of work experience practicing mining & geology both as an engineer and a consultant. Expertise in the steel, copper & coal markets. Experience of working with the mines, coal & steel ministry. Worked across the world in different capacities with various companies.



Arnab Majumder

Vice President, LSI E&C M&M. Former Manager of PwC India's Mining & Metals team. Overall 12+ years of work experience with multinational companies PwC India, SRK Consulting & Rio Tinto. Expertise in strategy, digitalization, critical minerals & other commodity markets.



Over two decades of its Pan India presence, LSI has metamorphosed into a knowledge driven entity with expertise across sectors.



Key Markets

MINING & METALS



Coal



Critical Minerals

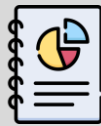


Metals

Key Services



Mine Operationalization



Technical Consulting & DPRs



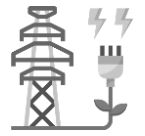
Digital Enablement



Cost Optimization + HR/Finance Services



Skill Training (Blue Collar Jobs)



Greening Operations (Electrification)

Mine Operationalization:

End to end project implementation for commercial coal miners both open pit and underground in India - includes MDO operators.

We support our clients throughout the mine operationalization phase with various activities:

1. Exploration, feasibility and planning.
2. Statutory approvals.
3. Bid process management.
4. Procurement management.
5. Risk mitigation, project monitoring.
6. & several other services.

Digital Enablement:

Digital strategy and implementation works with partner ecosystem for different mines including technology like AI/ML, Drone and so on.

We offer integrated mine management system, mine dispatch management system, conveyor belt management system, drone analytics, & global/domestic benchmarking services.

Technical Consulting & DPRs

Auction Support, Geology, Mine Plan, Optimization and other technical works including preparation of DPRs for the mine with our technical partners.

1. Our services include:
2. Data accumulation & validation.
3. Market Research.
4. Geological interpretation & mine planning.
5. Mine optimization & push back creation.
6. ESG strategy & implementation.
7. Skill & people requirement planning
8. Project Feasibility.



Key Services



Mine Operationalization



Technical Consulting & DPRs



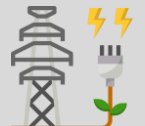
Digital Enablement



Cost Optimization + HR/Finance Services



Skill Training (Blue Collar Jobs)



Greening Operations (Electrification)

Cost Optimization + HR/Finance Services

Formulating solutions for optimizing overall costs, and enabling zero waste mines in India.

Our services include:

1. Operational efficiency enhancement.
2. Cost Optimization.
3. Digital Transformation.
4. Benchmarking practices.
5. Circular economy strategy.
6. Organizational restructuring.

Skill Training (Blue Collar Jobs)

Identifying the gap in blue collar skills and evaluating the training framework with implementation plan and on-ground activities.

Our services include:

1. Mining & transporting machinery operations.
2. Enabling the use of digital new age equipment.
3. Performance & safety improvement.
4. Overall change management.

Greening Operations (Electrification)

Bringing the wave of electrification in mining industry for the purpose of greening the mine operations.

Our services include: Renewable energy (powering mining operations, offices, communities & townships), Moving equipment electrification.

Key Partners & Clients

Partners: Our Pillars of Strength



**United Exploration
India Pvt. Ltd.**

**SRK Mining
Services (India)
Pvt. Ltd.**

Aereo

Reactore

Clients: A Bond of Trust

Coal Sector







CUPRUM BAGRODIA LIMITED



Other Major Clients




















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