



*Image for representation purpose only*

## HINDUSTAN CONSULTING ASSOCIATES PVT. LTD.

We get your dream job done!



An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 certified company



## FROM MANAGEMENT DESK



Hindustan Consulting Associates is our dream organisation to provide committed and reliable engineering services in "Infrastructure domain" specially in underground and water segments with country specific know how, without compromising quality. With zeal to strive for continuous quality improvement and providing excellence in our delivery, we are committed to take all possible measures to preserve and save environment and natural resources.

The company has brought together specialists from various backgrounds to find and provide solutions for intricate civil engineering problems in addition to core domain of Tunnelling and Hydropower.

Our team comprises well qualified and experienced engineers, who are known experts in their domain. These professionals are well skilled to provide solutions to their domain as well as capable to streamline complex challenges into simple workable solutions. The cumulative work experience of our key management is over 250 years therefore, in addition to our technical expertise we also leverage on our vast experience of project engineering and management.

We are committed to deliver superior quality project services to the client, in accordance with their specific requirements, using the modern methods of engineering and design. We believe in laying the foundation of long term association and value creation to the nation, by virtue of our quality delivery and timely support to our esteemed clients.

**Satish Kumar Sharma**  
**Managing Director and CEO**

### Vision

To become reliable Engineering Company being recognized for its quality services.

### Mission

Client delight without compromising quality.

### Values

Customer Service  
Excellence, Integrity,  
Teamwork, Respect for all  
Stakeholders

### HCA

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405 & 411, 4<sup>th</sup> Floor,  
Surya Kiran Building,  
19 Kasturba Gandhi Marg,  
New Delhi – 110001  
India





# Hindustan Consulting Associates Private Limited

## COMPANY PROFILE

Hindustan Consulting Associates Private Limited (HCA) is an engineering consultancy organization, focused in Hydropower/ Water resource engineering, Transportation Engineering, Tunnelling, Underground cavities and Slope protection works, etc.

With expertise in Finite Element Method (FEM). Organization is ready to take-up complex Geotechnical and Structural Engineering challenges. It's a group of experienced professionals and talented, hand-picked, high-caliber design engineers with focused approach, ready to take challenging assignments within committed timelines without compromising the Quality.

Our priority is to provide excellent engineering solutions in specific domain of Hydropower, Tunnelling and Bridges & Road projects ensuring Customer's delight with Quality.



## SECTORS



### Hydropower / Water Management

HCA is an engineering consultancy organization, providing solution from Concept to Commissioning including due-diligence of all hydropower and water related Projects.

We have in-house capability to manage all types of hydro projects such as Pumped Storage, Run-of-River, Barrages and Rehabilitation works.



### Transportation Engineering and Tunnel Works

HCA has all expertise required for underground and tunnelling projects – from Concept to Commissioning, including NATM / TBM / Micro tunnelling in Transportation-to-Water supply-to-Metro-to Underground parking/ Storage.



### Heavy Civil Engineering

HCA with the team of industry veterans and highly experienced Geotechnical and commercial expert engineers, capable of delivering infrastructural projects involving complex geo-technical and structural issues including FEM analysis. Composite design in diverse range of Civil and Infrastructural domain could also be undertaken.

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## MEET OUR TEAM

### Mr. Satish Kumar Sharma | Hydropower and Construction Expert



A Chartered Civil Engineer by profession and alumni of KNIT Sultanpur (B.Tech – Civil) and IIT Roorkee (M. Tech), having over 3 decades of professional experience in Design Engineering and Project Management, Mr. Sharma has led Mega hydropower and infrastructural projects in India, Nepal and Bhutan.

After enchanting Journey in corporate world, in various fields of engineering management i.e. from developer-to-contractor-to-consultant, from Hydropower-to-complex Bridges-to-nuclear-to-Marine-to-Expressways, from Management Trainee-to-CEO-to-Entrepreneur, from Tata Sons Ltd-to-Lahmeyer GmbH-to-Jaypee-to-Hindustan Power Projects-to-HCC-to-Rodic-to-HCA, Mr. Sharma has always dreamed to have a focused and reliable Indian Engineering Organisation to deal with Complex engineering aspect of International Standards.

### Mr. D.P Goyal | Corporate Advisor



Master in Engineering (Water Resource Development) and having over 56 years professional experience in Hydropower Development in planning, design, execution, environment and contracts & tender management etc. Mr. Goyal has worked as Director in Tala Hydroelectric Project Authority (THPA) and as Managing Director in Jaypee.

### Mr. V.K Srivastava | Hydropower Design and Construction Expert



An alumni of IIT BHU (B. Tech-Civil) and NICMAR (PGDCM- Civil), having over 34 years professional experience in project planning, design and review with critical consideration of hydropower structures, contracts & tender management etc. Worked for several hydroelectric projects ranging from 2 MW to 1500 MW HEP.

A reliable construction planning and project monitoring expert, V K Srivastava is known for out of box thinking for complex executions. Prior to his association with HCA, he has worked in lead positions for several prestigious projects in Jai Prakash Associates and Hindustan Construction Company.

### Mr. Somesh Kumar Mishra| Bridge Expert



Master in Engineering (Structure) and having more than 30 years of professional experience in design, construction, maintenance and operation of Bridges, ROB, Tunnels and infrastructure projects in India, Bangladesh, Nigeria, Saudi Arabia, Oman, Muskat and other Gulf Countries. Having closely worked with Railways/ Metro, NHAI and concern federal agencies. Mr Somesh

was also associated with AECOM, Mott MacDonald etc prior to his association with HCA.

### Mr. Anand Pandey | Elevated / Underground Metro, Viaduct, and UG Expert



An Alumni of IIT Roorkee (B Tech- Civil and M Tech-Structures) and having over 30 years of professional experience in Engineering Design and consultancy on Indian and International projects for Metro, Bridges, Railways, Road and ports. An expert in Transportation arena Mr. Anand has worked on many prestigious Metro Projects including Hanoi, Manila and Mauritius Metro.

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### Mr. Arun Kumar Agrawal | Water Engineering & Projects



An Alumni of Thapar Institute of Engineering and Technology, Patiala, Punjab (B.E Mechanical) and having more than 42 years of professional experience in Water and Waste water engineering. Expertise in managing all elements of projects from proposal stage to detail designing, having comprehensive knowledge of treatment plant design including development of concept and preliminary design along with preparation of design document.

### Dr. A.P Singh | Geotechnical and Tunnel Expert



An Alumni of NIT Calicut(B Tech Civil), IIT Roorkee (M Tech-Geotechnical Engineering) IIT Delhi (Doctorate) And having over 30 years working experience in survey, investigation, feasibility study and DPR as a Geotechnical expert, Dr. A.P Singh has vast experience in investigations and design of Tunnels, underground Structures, Roads and Bridges.

### Dr. Shyo Prasad | Geology and Geotechnical Expert



An Alumni of AMU (BSc, MSc and M Phil Geology) and IIT Mumbai (Doctorate – Tunnelling Stability)and having more than 37 years of experience in the field of engineering geology and geo-technical works, slope stability, rock mass classification, experimental rock mechanics, geo-hazards, geotechnical mapping, tunnelling for hydropower, metro tunnel, road tunnels, strategic defence and underground projects, Pan India and abroad.

Considering his expertise in Engineering Geology Dr Shyo Prasad is synonym of Tunnelling Solutions with almost all contractors and Project Development agencies.

### Mr. Vivek Singh | General Manager



An Alumni of IIT, Roorkee (ME) with over 24 years of experience in the field of Planning, Design Engineering and construction of Hydro power, Water supply and Irrigation projects, Solar Power Plants. He has worked in design of various structures viz. Dams, Barrages, Tunnels, underground/surface Powerhouse, Canals, Water Treatment Plants, Water Pipe line, Water Storage Tanks, etc.

### Mr. Rajeev Kumar Srivastava | Architecture and Planning Expert



An Alumni of GCA Lucknow ( B Arch) a chartered Professional Architect with over 30 years of experience in Designing, planning, execution and management of various projects ranging from Large Scale Group Housing to Townships, Commercial Complexes to Multiplexes to Drive-in Theatres, Hospitals to Specialty Hospitals, Survey & Investigation, Design and preparation of DPR and construction drawing.

Rajeev has been associated with Professional Architects, Real Estate Giants like DLF Universal Limited, Emaar MGF Land Limited on different prestigious Project like Metropolis, Palm Drive, The Villas, Gurugram, GWGV Delhi to name few of them.

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## SERVICES OFFERED

### Pre-Feasibility Report

- ✦ Assessment of the Technical, Financial, Legal, Environmental and Social viability of the Project
- ✦ Site survey and Resource Analysis
- ✦ Analysis and Modelling
- ✦ Review Existing Infrastructure
- ✦ Project Layout
- ✦ Grid Connection Appraisal
- ✦ Cost Estimate
- ✦ Financial Analysis

### Feasibility Studies/ Detailed Project Report

- ✦ Design and Layout
- ✦ Project Financial Viability & Sustainability
- ✦ Technical Specifications
- ✦ Environmental Impact Assessment (EIA)
- ✦ Risks and Risk Management
- ✦ Bill of Quantities
- ✦ Government Approvals
- ✦ Witness Model Testing

### Detailed Review of DPR/ FR and Related Works

- ✦ Proof Checking
- ✦ Design Review
- ✦ Review of working drawings and Associated Documents
- ✦ Time-Cost Monitoring and Control

### Tender Engineering

- ✦ Preparing Detailed Specifications
- ✦ Preparing NIT and Bid Document
- ✦ Evaluation of Bids & Recommendation
- ✦ Tender Documents and Tender Drawings
- ✦ Assistance in Contract Finalization

### Detailed Engineering

- ✦ Detailed Design
- ✦ Architectural Design
- ✦ Detailed Project Report
- ✦ Transportation Planning
- ✦ Traffic & Revenue Studies
- ✦ Contract Finalization

### Advisory Services

- ✦ Transaction Advisory
- ✦ BID Process Management
- ✦ Demand Analysis and Benchmarking Studies

### Project Management and Supervision Services

- ✦ Construction Planning, Scheduling and Supervision
- ✦ Contract Management
- ✦ Time-Cost Monitoring and Control
- ✦ Equipment Installation/Commissioning and Supervision
- ✦ Inspection, Quality Control and Quality Assurance
- ✦ Management Information System-Design and Operation
- ✦ As-Built Drawings and Completion Reports
- ✦ Operation and Maintenance
- ✦ O&M Manuals, Documentation and Procedures

### Financial Due Diligences and Project Audit at all stages

- ✦ Project Evaluation
- ✦ Project Costing and Schedule Optimization
- ✦ Project Audit for Quality and Completion
- ✦ Contract, EOT and Claim Management
- ✦ Value Engineering

### Survey and investigation services

- ✦ Topographical survey in all types of Terrain
- ✦ Hydrographical survey
- ✦ Route alignment survey for road, pipeline, canal, transmission line, etc.
- ✦ GIS (Geographic information systems) applications
- ✦ Geological Mapping
- ✦ Soil Boring
- ✦ Rock Coring
- ✦ In-Situ Tests
- ✦ Geophysical Investigation, e.g., Seismic Refraction, Seismic Reflection, Resistivity Tomography etc.

### Detailed Design Review and Optimisation

- ✦ Proof Checking
- ✦ Inspection, Quality Control and Quality Assurance
- ✦ Project Costing and Schedule Optimization



# Hindustan Consulting Associates Private Limited

## AWARDS & RECOGNITIONS

Hindustan Consulting Associates Pvt. Ltd (HCA) has been awarded with internationally recognised Integrated Management Systems (IMS) Certificates

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ISO 9001:2015  
(Quality Management System)



ISO 14001: 2015  
(Environmental Management System)



ISO 45001: 2018  
(Occupational Health and Safety  
Management System)



### Certifications & Memberships

An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 certified company

ISRMTT | ISET | IEI | INCOLD | CBIP | Assocham | CEAI | IGS | ISEG | ISRM | IRC | IPWE

### OUR BUSINESS PARTNERS



KALPATARU PROJECTS INTERNATIONAL LIMITED



TATA PROJECTS  
Simplify.Create



Public Works Department  
Government of Uttar Pradesh



..... and many more

Let's start a New Journey...

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