

VERTICAL III – STRATEGIC TECHNICAL COMMUNICATION

This vertical focuses on technical communication, knowledge structuring, and development of professional engineering communication resources. Its purpose is to support effective transmission of engineering knowledge, concepts, and professional insights through structured documentation and digital knowledge assets.

- Preparation of structured technical knowledge material
- Development of engineering presentations and explanatory resources
- Technical documentation and knowledge structuring
- Development of digital knowledge assets and multimedia technical resources
- Communication support for engineering education and professional training initiatives

PROFESSIONAL BACKGROUND OF THE FOUNDER



Brijesh Chandra Srivastava is an IIT Roorkee alumnus with four decades of professional experience in infrastructure development and project management spanning pre-service, RITES Ltd., and post-retirement professional engagement.

KEY CAREER HIGHLIGHTS

- Former General Manager, RITES Ltd. (A Government of India Enterprise under Ministry of Railways)
- 36 years of experience across railway infrastructure, metro rail, bridges, viaducts, and large civil engineering projects
- B.E. and M.E., Civil Engineering, IIT Roorkee, 1985
- IIM Lucknow alumni
- Professional training at IITs, IIMs, IRICEN, ESCI, and other national professional bodies

PROFESSIONAL AFFILIATIONS:

- FRCI: Fellow, Chamber of Railway Industries (Rail Chamber)
- FIE: Fellow, Institution of Engineers (India)
- Member, Indian Roads Congress
- Member, Indian Institute of Materials Management

ABOUT BRIDGEMIND CONSULTING

BridgeMind Consulting is a knowledge-driven professional enterprise registered as an MSME (Udyam) and as a Commercial Establishment under the Government of Uttar Pradesh. The enterprise integrates infrastructure advisory, engineering knowledge dissemination, and professional capability development, drawing upon four decades of practical experience in infrastructure development, construction management, and engineering leadership.

BridgeMind Consulting is founded and led by Brijesh Chandra Srivastava, an alumnus of the Indian Institute of Technology Roorkee (B.E. and M.E., Civil Engineering, 1985) and IIM Lucknow, with four decades of professional experience spanning railway infrastructure, metro systems, bridges, viaducts, and large civil engineering projects.



Engineering Wisdom | Infrastructure Adv

BRIDGEMIND CONSULTING

Engineering Wisdom
Infrastructure Knowledge
Cognitive Mastery

THREE VERTICALS OF BRIDGEMIND CONSULTING

VERTICAL I — INFRASTRUCTURE ADVISORY

This vertical represents the core advisory function of BridgeMind Consulting. It provides experience-based professional guidance and technical insight to organisations, institutions, and professionals engaged in civil engineering and infrastructure domains. The advisory engagement is non-executive in nature, focusing on engineered understanding, professional judgement, and informed decision-making in complex infrastructure environments.

KEY DOMAINS:

- Railway infrastructure projects
- Metro rail systems and elevated viaducts
- Bridge engineering and structural works
- Construction management practices
- Engineering safety and quality assurance
- Technical appraisal and feasibility perspectives
- Coordination in complex multidisciplinary infrastructure projects

VERTICAL II — CEREBRAL PURSUITS: ENGINEERING KNOWLEDGE & DIGITAL LEARNING

Cerebral Pursuits is the Engineering Knowledge and Digital Learning vertical of BridgeMind Consulting. It is a dedicated platform for engineering learning, professional capability development, and experience-based knowledge dissemination, designed to translate real infrastructure experience into structured learning for students, engineers, and professionals.

DIGITAL PLATFORMS & RESOURCES:

- **Cerebral Pursuits YouTube Channel:** Insightful engineering videos, railway project life cycle explainers, site engineer to project manager guidance, bridge engineering concepts, management mantras, and real project case studies. Available at youtube.com/@cerebralpursuits
- **Cerebral Pursuits App:** Available on Google Play Store. Hosts structured courses covering competitive examinations (JEE, NEET, UPSC, CAT), civil engineering insights, infrastructure project training, and professional development modules.
- **Digital Course Content:** Course PDFs, eBooks, and structured learning modules for competitive exam aspirants, civil engineering students, and infrastructure professionals.
- **Books on Platform:** All four published books available as knowledge resources through the platform ecosystem.

COURSE CATEGORIES:

- Competitive examinations: JEE, NEET, UPSC, CAT preparation and exam psychology
- Civil engineering insights for students and early-career professionals
- Infrastructure project management and construction management
- Professional development and career guidance for engineers

PUBLISHED BOOKS — NATIONAL RECOGNITION

Brijesh Chandra Srivastava is the author of four published books, two of which have received national literary recognition. All four have been recognised by the Institution of Engineers India and the Chamber of Railway Industries, and have been featured on the IIT Roorkee official website and across its social media platforms.

AWARENESS TO MASTERY THE HCF OF EVERY GREAT EXAM

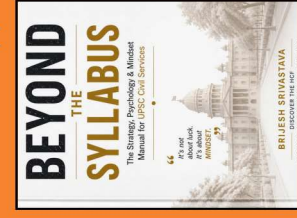
Recognition: Legacy of Literature Award.

Featured: IIT Roorkee official website and social media platforms

Recognised by: Chamber of Railway Industries | Institution of Engineers India

For: JEE, NEET, UPSC, and CAT aspirants.

Trains the cognitive capacity, concentration, composure, and prefrontal cortex function that determines whether a well-prepared student actually performs on exam day.



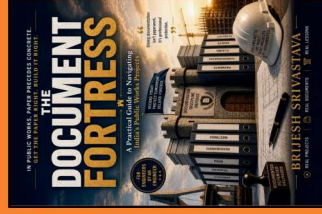
BEYOND THE SYLLABUS The Strategy, Psychology & Mindset Manual for UPSC Civil Services

For Civil services aspirants at every stage from prelims to interview. Awareness to Mastery is its natural companion volume, training the cognitive capacity that makes every strategy in this book executable under pressure.

THE DOCUMENT FORTRESS

A Practical Guide to Navigating India's Public Works Projects

- **Recognition:** Best Professional Non-Fiction Award, The Literature Times
- For: Engineers, project managers, and infrastructure professionals handling purchase, tender, contracts, measurement books, and audit documentation. The definitive guide to engineering documentation excellence.



THE MINDFUL ENGINEER

Structural Stress Management For The Urban Professional

For Urban infrastructure professionals managing stress, complexity, and cognitive performance under pressure. Sub-300-second practices for the engineer under pressure.

DIGITAL KNOWLEDGE RESOURCES

CEREBRAL PURSUITS YOUTUBE CHANNEL

1. **INDIAN RAILWAY CONSTRUCTION MANUAL | EXPLAINER SERIES**
 - C-100: IRCM Decoded (An Overview)
 - C-101: Project Development & Alignment Strategy
 - C-102: Planning, Quality & Project Monitoring
 - C-103: Formation & Earthwork Engineering
 - C-104: Bridge Planning & Investigations
 - C-105: Bridge Execution & Quality Assurance
 - C-106: Track Construction & Mechanisation

2. **WHY TOPPERS HAVE AN UNFAIR ADVANTAGE | THE HCF OF SUCCESS**
3. **INVISIBLE DAMAGE | THE COST OF UNCHECKED SWEETNESS**
4. **HOW A SMALL MISTAKE CAN DESTROY STRUCTURAL STRENGTH (SUGAR: CONCRETE KILLER)**
5. **INTEGRATING BIM INTO STANDARD EPC FRAMEWORK OF INDIAN RAILWAYS**
6. **ONE WRONG MOVE DESTROYS AN ENTIRE RAIL**
7. **SERIES LAUNCH | CIVIL ENGINEERING MASTERY PATH BEGINS**
8. **ARTIFICIAL INTELLIGENCE IN INDIAN RAILWAYS | FUTURE OF TRAIN SAFETY EXPLAINED**
9. **THE SILENT WATCHERS OF THE TRACK**
10. **WHAT IS BIM | WHY EVERY CIVIL ENGINEER IS HEARING ABOUT IT**
11. **TIGHT GAUGE VS WIDE GAUGE**
12. **THE BRIDGE THAT PROVES STRUCTURE ISN'T EVERYTHING (A PRELUDE TO HUMAN ASPECTS OF BRIDGES)**
13. **EVERY BRIDGE BREAKS THE SAME WAY - HERE'S WHY? (HUMAN ASPECTS OF BRIDGES - FULL VERSION)**
14. **I FAILED 100 TIMES TO TEACH YOU THIS LESSON (A BRIDGE CALLED EFFORT)**
15. **HUMAN SKELETON | CIVIL ENGINEERING MASTERPIECE**
16. **BUILD IIT-LEVEL THINKING | FROM AWARENESS TO MASTRY**

