

CONTENTS

“COMMON DATA ENVIRONMENT FOR INFRASTRUCTURE PROJECT MANAGEMENT”

1. PM GatiShakti National Master Plan.....	1
<i>S. Bhardwaj</i>	
2. Common Data Environment in Construction.....	4
<i>Brijesh Parmar & Shivam Gupta</i>	
3. Project Data Integration and Interface using Common Data Environment in a BIM enabled Project Experience on Adoption and Benefits - Case Study.....	11
<i>Dr. Senthilkumar Venkatachalam</i>	
4. Enabling EPC Contract with CDE.....	18
<i>Vijay Singh Verma & Aditya Pratap Singh</i>	
5. Common Data Environment: A Collaborative Way of Project Management.....	22
<i>Chaitanya Kumar Varma</i>	
6. Cloud Based Infrastructure Monitoring Mechanism using Web Based Project Monitoring portal.....	27
<i>Col.Naveen Meka</i>	
7. Common Data Environment and Building Information Modelling.....	36
<i>Dr. K. M. Soni</i>	
8. Common Data Environment for Infrastructural Projects Management- A Concept Note for the Future Projects.....	41
<i>Kaushik Banerjee & Arunavo Gupta</i>	
9. Common Data Platform in Project Management through BIM.....	49
<i>Usha Batra</i>	
10. Common Digital Environment for Infrastructure Project - Case Study : Gati Shakti National Master Plan.....	57
<i>Dr. Pawan Kumar & Meenal Jyotika</i>	
11. ICT Enabled Planning and Infrastructure Services.....	63
<i>A.K. Jain</i>	

12. Digital Technologies in Facilities Management and a Frame Work for Common Data Environment.....	70
<i>Dr. K. Srinivas, Dr. K. R. Ramana & Muralidhar</i>	
13. Digital Project Management.....	76
<i>B.S.Mukund</i>	
14. Building Information Management and Common Data Environment.....	79
<i>Dr. Amarnath CB</i>	