



Dr. Debopam Roy

B.E., M. Tech., Ph.D.

Areas Of Research & Teaching

- Project Procurement and Tendering
- Contract Management
- Project Cost Engineering

Dr. Debopam Roy is Professor - L&T Institute of Project Management. He has completed his PhD in Civil Engineering from IIT Madras and has more than 15 years of experience in the domain of Project and Contract Management. After graduation in Construction Engineering, he was selected for L&T's Build India Scholarship program to complete his M. Tech. in Construction Technology and Management from IIT Madras, following which he worked in various transportation infrastructure projects of L&T, before joining academics. He is a certified trainer of FIDIC contract management and has attended IIM Ahmedabad's doctoral summer school on Qualitative Research, PMI's Faculty Development Program on Research Methodologies in Project Management, NICMAR University's Faculty Development Programs on Teaching-Learning Pedagogies in Project Management.

Before joining IPM, Dr. Debopam worked as a faculty member in NICMAR Pune, where he delivered sessions and guided students of various Post Graduate Programs in Construction Management and Project Management. He was responsible for course restructuring for transition to NICMAR University as per UGC and AICTE guidelines. He was the founding member of UPAKRAM@NICMAR - Centre of Startup and Incubation, one of the pioneering Technology Business Incubators in the domain of built environment.

Dr. Debopam has delivered many Management Development Programs for prestigious organizations such as World Bank, Asian Development Bank, College of Military Engineering, National Water Academy, Ministry of Road Transportation and Highways (GOI), National Rural Infrastructure Development Agency, Government of Maharashtra, Government of Bihar, Government of Kerala, MahaTransco, Pune Municipal Corporation, Larsen & Toubro, Tata Steel, Tata Power, Tata Trust, Maruti Suzuki, Afcons, SPCL, HCC, etc. As Program Director of School of Executive Education, NICMAR University, Dr. Debopam has designed Executive Diploma Programs and Management Development Programs for various clients of NICMAR. He was also involved in multiple consultancy projects and competence building projects for public and private clients.

Professional Certification

- Certified Trainer of FIDIC Contract Management by Asian Development Bank and Ministry of Finance, Government of India

Detailed Qualifications

- B.E. in Construction Engineering from Jadavpur University, Kolkata
- M. Tech. in Construction Technology and Management from IIT Madras, Chennai
- Ph.D. in Civil Engineering from IIT Madras, Chennai

Cases Registered

- Institutional Inertia in the maintenance of Infrastructure Assets: Case of Majerhat Bridge (Case Study and Teaching Note) – Case registered in SAGE Business Cases
- Is Awarding the Contract to the 'Lowest' Bidder the 'Best' Option for Government Clients? (Case Study and Teaching Note) – Case registered in NICMAR Case Repository
- Tendering Disputes in L1 System: A Case of Nagpur Metro (Case Study and Teaching Note) – Case registered in NICMAR Case Repository

Select Publications

- Bhat, F.A., Roy, D., Sahu, P.K., Choudhari, S.C. and Bahurudeen, A. (2023). Earthwork Logistics Optimization in Road Construction Project. Recent Trends in Transportation Infrastructure. Edited book (LNCE Book-series) published by Springer, Cham. Pp. 179-191.
- Roy, D. and Malsane, S. (2022). Comparative Assessment of Prevalent Cost Estimation Software Applications for Construction Projects – A Review. NICMAR-Journal of Construction Management, Vol. 37, No. 4.
- Jagannathan M., Roy, D., and Delhi, V.S.K., (2022). Application of NLP-based Topic Modeling to Analyse Unstructured Text Data in Annual Reports of Construction Contracting Companies. CSI Transactions on ICT. <https://doi.org/10.1007/s40012-022-00355-w>
- Roy, D., Kalidindi, S. N. and Menon, A. (2019). Overview of Project Governance Framework for Built Heritage Conservation in India. Professionalism in the Built Heritage. Edited Book published by Taylor & Francis Group, London. pp. 43-49.
- Roy, D., Kalidindi, S. N. and Menon, A. (2019). An Exploratory Study on Project Delivery Frameworks for Heritage Conservation in India. Structural Analysis of Historical Constructions. Edited Book (RILEM Book-series) published by Springer, Cham. pp. 1998-2006.
- Roy, D., Malsane, S. and Samanta, P. K. (2018). Identification of Critical Challenges for Adoption of Integrated Project Delivery, Lean Construction Journal. pp. 1-15.
- Roy, D. and Kalidindi, S. N. (2017). Critical Challenges in Management of Heritage Conservation Projects in India. Journal of Cultural Heritage Management and Sustainable Development. Vol. 7, No. 3, pp. 290-307.
- Roy, D., Malsane, S. and Samanta P. K. (2017). Procedural Challenges in Inter-Organizational Collaboration for IPD Adoption. Paper presented in 2nd Indian Lean Construction Conference. Organised by Institute of Lean Construction Excellence and IIT Madras. Chennai, 28-29 July. (Award of Best Paper)
- Roy, D. (2014). Restoration of Heritage Sites in India through Public Private Partnerships. NICMAR-Journal of Construction Management, Vol. 29, No. 2, pp. 59-64.
- Roy, D., Kalidindi, S. N. and Soundararajan, A. (2014). Risk Allocation in Concession Agreement for PPP Road Project in India. Urbanization in Asia. Edited Book published by Springer, New Delhi, pp. 119-136.