Dr. Murali Jagannathan

Area of Expertise

- Construction Contracts and Claims Management
- Lean Construction Management
- Tendering and Bidding

- Dispute Resolution
- Construction Equipment Management
- Application of Natural Language Processing in Contract Management

Murali Jagannathan is Faculty member of L&T institute of Project management with a specialization in contracts and claims management. Before joining L&T IPM in 2022, he was a faculty of contract management in NICMAR, Pune. In his role as a faculty, he was involved in regular student teaching, Management Development Programmes (MDPs) and academic administration. Murali's expertise is 'contract analytics', he was involved in the development, design and delivery of, a course that combines the various concepts of Natural Language Processing (NLP) and contract document analysis. During his tenure as faculty in NICMAR, Murali has delivered sessions in MDP programmes for World Bank, Asian Development Bank, Military Engineering Services, Water Resources Department, Government of Punjab, Public Works Department, Government of Maharashtra, National Highways Authority of India (NHAI), National Rural Roads Development Agency, AFCONS, KEC, SPCPL, Maruti Suzuki, Maldives Government, Maharashtra State Electricity Transmission Corporation Limited, among others.

Apart from the academic experience, Murali also brings in a rich industry experience. He has worked with the business development team at L&T Construction and was involved in the planning and coordination of projects located across India. He has also managed the contracts in brownfield and green field projects that involved extension of time (EOT) claims.

Murali has authored many articles related to contractual disputes and dispute resolution, which are published in renowned international journals

Professional Memberships

- Member of the Indian Institute of Technical Arbitrators (IITArb)

- Member of the Institute for Lean Construction Excellence (ILCE)

Publications

- Jagannathan, M., Roy, D., & 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, 1-10. 2022. Published, (DOI: 10.1007/s40012-022-00355-w

- Jagannathan, M., & Delhi, V. S. K. (2022). Identifying focus areas to decode the decision to litigate contractual disputes in construction. Engineering, Construction and Architectural Management, 29(8), 2976 - 2998 – ABDC – 'A' Category Journal (DOI: 10.1108/ecam-01-2021-0014)

- Jagannathan, M., Delhi, V.S.K. (2022). Mitigating Litigious Behaviour in Construction Dispute Resolution: Identifying Policymaking Gaps. XVII International Conference on Public Policy & Management, 22-24 August 2022, IIM Bangalore, Bengaluru, India.

- Agrawal, A. K., Jagannathan, M., & Delhi, V. S. K. (2021). Control focus in standard forms: An assessment through text mining and NLP. Journal of Legal Affairs and Dispute Resolution in Engineering and Construction. 2021. Published, Scopus Indexed Journal (DOI: 10.1061/(ASCE)LA.1943-4170.0000441)

- Padhy, J., Jagannathan, M., & Kumar Delhi, V. S. (2021). Application of Natural Language Processing to Automatically Identify Exculpatory Clauses in Construction Contracts. Journal of Legal Affairs and Dispute Resolution in Engineering and Construction,13(4), 04521035. 2021. Published, Scopus Indexed Journal (DOI: 10.1061/(ASCE)LA.1943-4170.0000505)

- Jagannathan, M., & Delhi, V. S. K. (2020). Litigation in construction contracts: Literature review. Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, 12(1), 03119001. 2020. Published, Scopus Indexed Journal (DOI: 10.1061/(ASCE)LA.1943-4170.0000342)

- Rai, H., Jagannathan, M., & Delhi, V. S. K. (2020). Claim tenability assessment in Indian real estate projects using ANN and decision tree models. 11(3), pp. 468-487, Built Environment Project and Asset Management. 2020. Published, ABDC – 'B' Category Journal (DOI: 10.1108/BEPAM-01-2020-0011)

- Jagannathan, M., & Delhi, V. S. K. (2019). Perceptions of Stakeholders on Redraftability of Construction Contracts. In S. Gopinath, R. K. Pati, & S. S. Padhi (Eds.), PMI India Research and Academic Conference (pp. 678–693). Kozhikode: Project Management Institute and IIM Kozhikode. 2019. (Received Runner-up Best Paper Award)

Qualifications

- B.Tech in Civil Engineering from National Institute of Technology Karnataka (NITK), Surathkal
- M.Tech in Construction Technology and Management from Indian Institute of Technology Madras, Chennai
- Post Graduate Executive Management Programme (PGEMP) from SP Jain Institute of Management & Research (SPJIMR), Mumbai
- PhD from Indian Institute of Technology Bombay, Mumbai