



IPM

L&T INSTITUTE OF PROJECT MANAGEMENT



Dr. S. Purushothaman Srinath

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

(Indian Institute of Technology Madras)

Areas of research and teaching

- Project Planning and Control
- Project scheduling software applications – Oracle Primavera P6
- Forensic Delay analysis
- Linear scheduling - TILOS
- Lean Construction and Building Information Modelling (BIM)

Dr. Purushothaman Srinath is a Faculty in L&T Institute of Project Management (IPM).

Dr. Srinath specialises in project controls and has delivered programs in project planning and scheduling, Linear scheduling (TILOS), project scheduling software (Oracle Primavera P6) and forensic delay analysis. He has conducted numerous training programs for L&T's Tier 2 and frontline managers, Graduate and Post Graduate Engineering Trainees. He enjoys training with a modern pedagogy that includes real-life cases, role plays, and experiential learning activities.

He is a member of the editorial team of PRISM, a project management learning journal within L&T. IPM PRISM covers emerging and contemporary project management themes. He has co-delivered an e-learning course on project management for engineers for L&T Edutech.

Dr. Srinath holds a Ph.D. in Project Controls from IIT Madras. His study used assessment standards to examine quality non-conformances in project schedules, thereby identifying the root causes for non-conformances. As a part of his Doctoral studies, he has worked in collaboration with the Central and Strategic Planning teams of Large Construction organizations such as L&T, Tata Realty and experts from Professional bodies such as AACE international (AACEi), Project Management Institute (PMI) etc.



So far, he has authored two international journal papers, five international and national conference papers, and three industry working papers and roundtable reports. He has attended doctoral research training from the University of Manchester.

Before enrolling for Ph.D., he worked as a project officer at IIT Madras where he was involved in the development of standardized virtual BIM models for planning and execution of retrofit power plant projects. During this period, he has worked on various consultancy projects sponsored by Bharath Heavy Electricals Limited (BHEL) and Larsen & Toubro Limited.

He was a core member of a construction industry initiative forum called Ci3 (Construction Industry Institute India) (www.Ci3.co.in). He is a Certified Scheduling Technician (CSTTM) from AACE International, USA, and has delivered several invited talks in forums such as the PMI and AACE International and was recognized as a 'Rising Professional' by AACE International for his work in project controls.

Qualifications

- B. Tech (Civil Engineering, Vellore Institute of Technology)- 2011
- M. Tech (Integrated) (Construction Technology and Management, Vellore Institute of Technology)-2012
- PhD (Construction Project Management, Indian Institute of Technology Madras)- 2023

Awards and Scholarships

- Runner-up for case study presented (with L&T colleagues) at the Lean Project Competition held at NICMAR Hyderabad during ILCC 2022.
- Recognized as a 'Rising Professional in Project Controls' by AACE International, USA (2019)
- Half-time Teaching and Research Assistantship, MHRD, Govt. of India

Publications

Books & Journals

- Srinath, P., & Varghese, K. (2023). Identifying and Analysing the Root Causes of Quality Non-Conformance in Construction Project Baseline Schedules. *Journal of The Institution of Engineers (India): Series A*, 104(2), 397-416. (Scopus Indexed)
- Loganathan, S., Srinath, P., Kumaraswamy, M., Kalidindi, S., & Varghese, K. (2017). Identifying and Addressing Critical Issues in the Indian Construction Industry: Perspectives of Large Building Construction Clients. *Journal of Construction in Developing Countries*, 22, 121-144. (Scopus indexed)
- Project Management Strategies for Predictable Results: Compendium of Larsen & Toubro 2nd Project Management Conclave, December 14, 2021, (E-Conclave) (Paperback) (Routledge) Eds: V.T Chandrasekhar, S Kalirajan, H Maniar, P Srinath, S Loganathan and D Trivedi. ISBN: 9781032398785

Conference Papers

- Srinath, P., and Varghese, K. (2019). “Investigating the relationship between scheduling contractual specifications and construction projects schedule quality.” AACE International Cost Management and Project Controls conference, New Delhi.
- Srinath, P., and Varghese, K. (2016). “Factors Affecting Quality of Construction Project Schedules.” Abstracts of the Papers 1st International Conference on Construction, Real estate, Infrastructure and Project (CRIP) Management, J. Korgaonker, M.G; Koner, ed., Research and Publications Department, NICMAR, Pune, India, Pune, India, 27–28.
- Akhila, P., Srinath, P., Shanmugapriya, T., and Loganathan, S.(2020).“Utility of Schedules in Large Indian Construction Projects” Proceedings of the International Conference on Triple Helix Ecosystem for Earth, Environment and Energy THE3E 2020, PSG Institute of Technology and Applied Research, Coimbatore, India, 26, ISBN: 978-93-89515-17-6.

Harshendu,S.,Shanmugapriya,T.,Loganathan,S.,Srinath,P.,” On-site Labour Productivity challenges in Indian Construction projects” Proceedings of the International Conference on Triple Helix Ecosystem for Earth, Environment and Energy THE3E 2020, PSG Institute of Technology and Applied Research, Coimbatore, India, 26, ISBN: 978-93-89515-17-6

Working Papers

- Srinath, P., Vaidyanathan, V., Varghese, K (2016) “Construction Industry Improvement Initiative India (Ci3 India) working paper on technology adoption in Construction – Focus on Scheduling” http://www.ci3.in/dra_whitepapers.html.
- Srinath, P., Vaidyanathan, V., Varghese, K (2016) “Construction Industry Improvement Initiative India (Ci3 India) working paper on cost and time overruns in India Construction”.