

**IPM**

L&amp;T INSTITUTE OF PROJECT MANAGEMENT



## Purushothaman Srinath

M. Tech, (PhD)

### Areas of research and teaching

- Project Planning and Control
- Lean Construction
- Building Information Modelling (BIM) and Integrated Project Delivery
- Technology Adoption in Large Engineering Projects
- Data Analysis for Management

Purushothaman Srinath is a Research Associate at L&T Institute of Project Management. His research work focuses on development of a methodology for identifying and addressing the root causes for quality non-conformances in construction project baseline schedules. His research work evaluates quality non-conformances occurring in construction project schedules using assessment standards and uncovers the root causes that lead to quality violations in construction project schedules. 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 prestigious institutions such as the University of Manchester and the London School of Economics.

Before enrolling for Ph.D., he worked as a project officer at IIT Madras where he was involved in the development of standardized virtual 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.in](http://www.Ci3.in)). In this initiative, he has worked closely with large construction clients (such as CPWD, L&T Reality, TRIL) and consultants (such as JLL, Cushman and Wakefield, FABS).

He worked as a lead tutor for a Massive Online Open Course (MOOC) platform called SWAYAM - a joint initiative by IIT's and IISc (formerly called NPTEL). He was engaged in design and development, teaching assistantship of MOOC courses including 'Project Planning and Control' which is a most sought-after course by project management graduates and professionals.

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. He was recognized as a 'Rising Professional' by AACE International for his work in the area of project controls. He was also instrumental in setting up the AACE student chapter at IIT Madras.

## 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)- Ongoing

## Awards and Scholarships

- Recognized as a 'Rising Professional in Project Controls' by AACE International, USA (2019)
- Half-time Teaching and Research Assistantship, MHRD, Govt. of India

## Publications

- 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)
- 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.
- 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/draft\\_whitepapers.html](http://www.ci3.in/draft_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”.
- 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