**S.Purushothaman Srinath**

**Email: spsrinath@gmail.com, ce13d048@smail.iitm.ac.in Mobile: 9940721036**

## Education

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| **Program** | **Institution** | **CGPA** |
| **Doctor of Philosophy (.)** (ongoing)  (Expected completion– Dec 2020) | IIT Madras  (Advisor: Prof. Koshy Varghese) | 8.00/10 |
| **M.Tech in Construction Technology and Management** | VIT University, Vellore  (2012-2013) | 8.02/10 |
| **B.Tech in Civil Engineering** | VIT University, Vellore  (2007-2011) | 7.03/10 |

## Professional Experience

* **Teaching Assistant (2013 - Present)**

*Department of Civil Engineering, IIT Madras*

* + Assist IITM faculty in teaching construction management postgraduate courses
  + Develop course assignments and teaching material
  + Evaluate assignments and semester exams
  + Maintain course web site periodically for sharing course material

## Project Officer (2012-2013)

*Department of Civil Engineering, IIT Madras; Sponsor agency: BHEL, Ranipet*

* + Development and evaluation of virtual models for assisting planning & execution of Electrostatic Precipitators (ESP) retrofit projects
  + Develop dynamo visual programs and parametric Building Information Modeling (BIM) models of ESP modules for simulating retrofit assembly schedule

## Quality Assurance Intern (2012)

*Dorsch Consult India limited, Mumbai; Project: Construction of ESIC hospital building*

* + Periodic conformance assessment and quality assurance
  + Identify quality non-conformance and develop Non Conformance Reports (NCR)

## Construction Industry affiliations

* **Action Team Co-coordinating Member (2015-2017)**

*Construction Industry Institute India (Ci3), IIT Madras*

* + Liaise with large construction clients for establishment of Construction Industry Institute India (Ci3) ([www.ci3.in](http://www.ci3.in/))
  + Collaborate with Ci3 members and IIT Madras senior faculty to study critical issues in Indian construction Industry
  + Support Ci3 for conducting round tables meetings and publishing working papers
  + Design, development and periodic maintenance and updating of ci3 webpage.
* **Speaker for Planning training programs, L&T, Chennai Campus (2018)** 
  + Trained Planning engineers and Assistant managers of L&T for planning and scheduling best practices and schedule quality conformance assessment.
  + Presented best practices and recommended practices of AACE International and advanced scheduling concepts to L&T engineers as a part of Planning improvement program at L&T called MAPS (Mentoring and Augmenting Planning Skills)

## Student President (2019 -Present)

*AACE International- IIT Madras Student Chapter*

* + Generate awareness among IIT postgraduate students on project AACE Project control practices
  + Co-ordinate and liase with AACE India section for conducting workshops and conferences.

## Areas of Interest (Research)

* + Construction project controls
  + Lean construction tools and techniques
  + Building Information Modeling (BIM) implementation issues in construction
  + Advanced statistical methods in Construction Management

## Courses undergone at IIT Madras

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| **Courses** | |
| * Project planning and control * Probability and Statistics research methods * Construction Equipment and Machinery * Construction quality and safety * Construction Project modeling * Lean construction concepts and principles | * Sustainable construction * Construction economics and finance * Advanced topics in project delivery and finance |

1. **Recognitions**
   * Recognized as a Rising professional in project controls by AACE International. More details in AACE Source magazine . Available at: <http://web.aacei.org/docs/default-source/source/2019/so19-08.pdf?sfvrsn=2>

# Publications

1. Loganathan, S., Srinath, P., Kumaraswamy, M., Kalidindi, S., & Varghese, K. (2017). Identifying and Addressing Critical Issues in Indian Construction Industry: Perspectives of Large Building Construction Clients. Journal of Construction in Developing Countries, 22, 121-144.
2. Srinath P and Varghese K (2016) "Factors affecting quality of construction project schedules", Proceedings of the International Conference on Construction, Real Estate, Infrastructure and Project (CRIP) Management, National Institute of Construction Management and Research, Pune, India on 21st, October, 2016.pp: 35.
3. Schedule Quality assessment parameters- Case study” (Poster presentation), Project Management Practioners Conference (PMPC 2017), PMI Bangalore chapter, Bangalore, India. accessed at: <http://www.pmibangalorechapter.in/pmpc/2017/posters/>.
4. “Technology adoption in Construction – Focus on Scheduling” (Working paper), Construction Industry Improvement Initiative India (Ci3 India) accessed at<http://www.ci3.in/draft_whitepapers.html>(action team 3B).
5. “Relationship between Scheduling contractual provisions and Construction project schedule quality: An Empirical Evidence” Presented at AACE India section- Cost Management and Project controls conference, IIT Delhi, India on 19th July 2019.

# Certifications

* + Certified Scheduling Professional (AACE International)
  + Autodesk certified professional

**I hereby declare that the information furnished above is true to the best of my knowledge.**

**(S.Purushothaman Srinath)**