

National Institute of Technology, Tiruchirappalli: Performa for CV of Faculty/ Staff Members

Curriculum Vitae



Brief Profile:

I am an Assistant Professor in the area of Construction/Project Management at the Department of Civil Engineering. My PhD work investigated the productivity of construction workers in the Indian and Australian construction contexts and the lessons learned from one another contexts. I continue to work in the areas of construction productivity, automation of construction processes, capacity building & construction workforce development and megaprojects management.

I have a Joint PhD from IIT Madras and UTS Australia. Before joining academia, I have around five years of industry experience with Larsen & Toubro (L&T) and NCC Ltd, as well as 1.5 years of teaching experience with the University of Technology Sydney, Australia.

<https://www.nitt.edu/home/academics/departments/civil/faculty/lsanthosh/>

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2. Designation: **Assistant Professor**
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6. Field(s) of Specialization:
**Construction Management,
Project Management**

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7. Employment Profile

Job Title	Employer	From	To
Assistant Professor	National Institute of Technology Tiruchirappalli	March 2024	Present
Assistant Professor/Faculty	L&T Institute of Project Management	July 2020	March 2024
Research Associate	Indian Institute of Technology Madras	Sep 2018	June 2020
Causal Teacher	University of Technology Sydney, Australia	Feb 2017	Aug 2018
Junior Engineer (Planning)	Nagarjuna Construction Company Limited	June 2010	May 2011

8. Academic Qualifications (From Highest Degree to High School):

Examination	Board / University	Year	Division/ Grade	Subjects
Joint PhD	Indian Institute of Technology Madras and University of Technology Sydney, Australia	2023		Construction Project Management
M.E	Anna University	2013	First Class with Distinction	Construction Engineering and Management
B.E	Anna University	2010	First Class with Distinction	Civil Engineering
HSC	Tamil Nadu State Board	2006	First Class with Distinction	Mathematics, Physics and Chemistry
SSLC	CBSE	2004	First Class with Distinction	Science and Mathematics

9. Academic/Administrative Responsibilities within the University

Position	Faculty/Department/Centre/Institution	From	To

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10. Academic/Administrative Responsibilities outside the University

Position	Institution	From	To
Program Manager	L&T Institute of Project Management	June 2022	March 2024

11. Awards, Associateships etc.

Year of Award	Name of the Award	Awarding Organization
2010	University Rank Holder – for B.E degree program	Anna University
2013	University Rank Holder – for M.E degree program	Anna University

12. Fellowships

Year of Award	Name of the Fellowship	Awarding Organization	From (Month/Year)	To (Month/Year)

13. Details of Academic Work

- (i) Curriculum Development – Involved in the curriculum development of M.Tech Construction Technology and Management Program, as per the new Institute regulation (2024-25) and involved in the conduct of the BoS meeting for the same.
- (ii) Courses taught at Postgraduate and Undergraduate levels
 - a. UG courses – HSIR14 Professional Ethics, CEPE13 Construction Management
 - b. PG courses – CE755 Lean Construction Concepts, Tools and Practices
- (iii) Projects guided at Postgraduate level – 4 Ongoing Students
- (iv) Other contribution(s)

14. Details of Major R&D Projects

Title of Project	Funding Agency	Duration		Status
		From	To	Ongoing/ Completed
Understanding the Mental Health Crisis in the Construction Industry	Construction Industry Institute (CII) USA	Aug. 2022	Sep. 2023	Completed

15. Number of PhDs guided – **1 Ongoing Scholar**

Name of the PhD	Title of PhD	Role (Supervisor/ Co-	Year of

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Scholar	Thesis	Supervisor)	Award

16. Participation in Workshops/ Symposia/ Conferences/ Colloquia /Seminars/ Schools etc. (mentioning the role)

Date (s)	Title of Activity	Level of Event (International/ National/ Local)	Role (Participant/ Speaker/ Chairperson, Paper presenter, Any other)	Event Organized by	Venue
4 th to 6 th Oct. 2023	Workshop on developing business case studies	National	Participant	IIM Bangalore	IIM Bangalore
5 th to 10 th Oct. 2021	Management and Governance of Data Science Initiatives	International	Participant	University of Technology Sydney (UTS) Australia	UTS Australia

17. Workshops/ Symposia/ Conferences/ Colloquia/Seminars Organized (as Chairman/ Organizing Secretary/ Convenor / Co-Convenor)

Title of Activity	Level of Event (International/ National/ Local)	Date (s)	Role	Venue

18. Invited Talks delivered

Topic	Date	Inviting Organization
Digitalisation and Megaprojects Management: The Case of Indian Construction	27 July 2024	IIT Delhi, Delhi
Construction Project Management: Industry Trends and Practices	17 November 2023	Sairam Engineering College, Chennai
Construction Project Management: Industry Practices	1 June 2023	NITTTR, Chennai
Project Risk Planning	13 March 2023	VIT Chennai
Project Integration Management	1 December 2022	VIT Chennai
IoT Applications in Civil Engineering	2 September 2022	Easwari Engineering College, Chennai

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Teamwork and Productivity of Onsite Construction Trade Crews: Australian and Indian Context	5 March 2021	UTS Australia
Workforce Management Challenges in Indian Construction Projects	29 August 2020	KL University, Guntur, Andhra Pradesh

19. Membership of Learned Societies

Type of Membership (Ordinary Member/ Honorary Member / Life Member)	Organization	Membership No. with date
Individual Member	Institute for Lean Construction Excellence (ILCE), Mumbai	IM-44, 3 rd January 2023

20. Academic Foreign Visits

Country	Duration of Visit	Programme

21. Publications

(A) Refereed Research Journals:

Author(s)	Title of Paper	Journal	Volume (No.)	Page numbers	Year	Impact Factor of the Journal (Optional)
Elham, Y., Alireza, Fini. and Loganathan, S.	Production-oriented approach for optimal mass-customisation of floor panel layouts in cross-laminated timber (CLT) buildings	Engineering Construction and Architectural Management	Accepted for publication DOI reference: 10.1108/ECA M-10-2023-1064		2024	
Manivannan, J., Loganathan, S. , Kamalanabhan	Investigating the Relationship between Occupational Stress and Work-Life Balance among Indian	Construction Economics and Building	22 (2)	27-51	2022	

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, T.J. and Kalidindi, S.N.	Construction Professionals					
Loganathan, S., and Forsythe, P.	Unravelling the influence of teamwork on trade crew productivity: a review and a proposed framework	Construction Management and Economics	38 (11)	1040 - 1060	2020	
Loganathan, S., Forsythe, P., and Kalidindi, S. N.	Work practices of onsite construction crews and their influence on productivity	Construction Economics and Building	18 (3)	18-39	2018	
Kumaraswamy, M., Mahesh, G., Mahalingam, A., Loganathan, S., and Kalidindi, S. N.	Developing a clients' charter and construction project KPIs to direct and drive industry improvements	Built Environment Project and Asset Management	7 (3)	253-270	2017	
Loganathan, S., Srinath, P., Kumaraswamy, M., Kalidindi., S. N. and Varghese, K.	Identifying and addressing critical issues in the Indian construction industry: Perspectives of large building construction clients	Journal of Construction in Developing Countries	22 (Supp. 1)	121-144	2017	

(B) Conferences/Workshops/Symposia Proceedings

Author(s)	Title of Abstract/ Paper	Title of the Proceedings	Page numbers	Conference Theme	Venue	Year
Jagannathan, M., Loganathan, S. and Delhi, Venkata Santosh Kumar	Adopting and Sustaining Lean Construction – Carrot or Stick?	Indian Lean Construction Conference (ILCC) 2023,	10-18	Lean Construction	SPA Delhi	2023
Rastogi, A., Loganathan, S. and Kalirajan, S.	Digitalising lean construction approach with	Indian Lean Construction Conference (ILCC) 2021	529-538	Lean Construction	CEPT Ahmedabad	2021

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	Construction 4.0 solutions					
Kaliyan, Loganathan, S. , Kalirajan, S. and Kalidindi, S.N.	Implementation of last planner system in an Airport construction project	Indian Lean Construction Conference (ILCC) 2021	529-538	Lean Construction	CEPT Ahmedabad	2021
Harshendu, S., Priya, S., Loganathan, S. and Purushothaman, S.	On-site Labour Productivity Challenges in Indian Construction projects	International Conference on Triple Helix Ecosystem for Earth, Environment and Energy THE3E 2020	1	Earth, Environment and Energy	PSGiTech	2020
Prakash T, A., Priya, S., Purushothaman, S. and Loganathan, S.	Utility of Schedules in Large Indian Construction Projects	International Conference on Triple Helix Ecosystem for Earth, Environment and Energy THE3E 2020	10	Earth, Environment and Energy	PSGiTech	2020
Loganathan, S. , and Kalidindi, S. N.	Labor sub-contracting issues in the Indian construction industry	PMI Research and Academic Conference	145-152	Project Management	IIT Delhi	2017
Loganathan, S. , and Kalidindi, S. N.	Absenteeism and turnover of migrant construction workers in Indian projects—A survey-based study	ASCE’s Construction Research Congress	1793-1802	Construction Management	San Juan (USA)	2016
Doloi, H. K., Loganathan, S. , Kalidindi, S. N., and Mahalingam, A.	Assessment of Stakeholders’ Management Practice in Infrastructure Projects—An	ASCE’s Construction Research Congress	1465-1474	Construction Management	San Juan (USA)	2016

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	Indian Case Project					
Loganathan, S., and Rengaraju, V. R.	A study on risk management practices in a metro rail project	International Conference covering the fields of Construction, Real Estate, Infrastructure and Project	1-10	Construction and Project Management	NICMAR, Pune	2016
Loganathan, S., and Kalidindi, S. N.	A review of labor productivity research in construction	Industry Academia Conference on Construction Management	-	Construction and Project Management	NICMAR, Hyderabad	2015
Loganathan, S., and Kalidindi, S. N.	Masonry labor productivity variation: an Indian case study	Indian Lean Construction Conference	175-185	Construction and Project Management	Godrej Boyce	2015

(C) Books & Monographs

Author(s)	Title of Book/Monograph	Name of Publishers	Year of Publication	ISSN/ISBN Number
Loganathan, S., Roy, D. and Rao, VTCS. (Eds.)	L&T Body of Knowledge Case Studies: Volume I (Edited Book)	Taylor & Francis	2024	ISBN-978-1-032-79018-3