



Dr. Venkata Padma Sai Nihar Nanyam

MRICS, PhD (IIT Delhi) , M.Tech (L&T BIS – IIT Delhi), B.E. (Civil – Gold Medalist, GITAM, Andhra University)

Areas of research and teaching

- Quantity Surveying and Cost Management
- Construction Project Planning and Control
- Risk Management and Uncertainty Analysis
- Construction Economics and Finance
- Emerging Housing Technologies
- Infrastructure and Port Performance Analysis
- Digital Construction (CostX, Candy CCS, P6 Risk Analysis)
- MRICS Training and Assessment

Dr. Venkata Padma Sai Nihar Nanyam is working as a Senior Associate Professor at the L&T Institute of Project Management (L&T IPM), Vadodara since April 2026. He holds a Ph.D. in Construction Project Management from IIT Delhi, along with an MTech in Construction Technology & Management from IIT Delhi and a B.E. in Civil Engineering, where he was a gold medallist. He is also a Member of the Royal Institution of Chartered Surveyors (MRICS) since 2017 under Quantity Surveying and Construction pathway.

Dr. Nanyam brings a rich blend of academic and industry experience, with over 16 years of professional experience, including significant contributions in both the construction industry and higher education. Prior to joining L&T IPM, he served as a Senior Lecturer in Quantity Surveying at London Metropolitan University, UK, where he was also the Course Leader for BSc and MSc Quantity Surveying programmes and actively contributed to accreditation processes with professional bodies such as RICS and CIOB.

He has also held senior academic and leadership roles at the RICS School of Built Environment, Amity University, where he served as Associate Director Programmes, leading curriculum development, programme management, and industry engagement initiatives. His teaching and training experience spans across prestigious organisations such as L&T, NBCC, DLF, Tata Communications, and CREDAI, where he delivered programmes in project management and quantity surveying.

In addition to his academic contributions, Dr. Nanyam has extensive industry experience with L&T Construction, where he worked in planning and project management roles, handling large-scale residential and commercial projects. His experience includes project scheduling, cost control, resource

planning, and contract administration, providing him with strong practical insights into project execution.

Dr. Nanyam is an active researcher with over 20 publications in reputed international journals and conferences, and his research interests include construction project management, operational performance, digitalisation in construction, and emerging technologies. He has also served as a reviewer for leading journals and contributed to funded research projects with government bodies such as BMTPC.

Professional Membership

- Member of Royal Institution of Chartered Surveyors (RICS), since 2017

Qualifications

- **Ph.D. in Construction Project Management**, Indian Institute of Technology (IIT) Delhi – Dissertation focused on operational performance of Indian container terminals, resulting in multiple journal publications.
- **M.Tech in Construction Technology & Management**, Indian Institute of Technology (IIT) Delhi (2010) sponsored by L&T as a part of Build India Scholarship.
- **B.E. in Civil Engineering (Gold Medallist)**, GITAM (Andhra University) (2008) – Secured top score across all semesters.

Awards and Achievements

- **Recipient of RICS Excellence Awards (2017 & 2019)** for outstanding service and role modelling professional standards.
- **Awarded RICS Local Award (2019)** for excellence in internship and placement coordination at RICS School of Built Environment.
- **Gold Medallist in Civil Engineering** and recipient of the **Sir M. Visvesvaraya Memorial Award** (Indian Concrete Institute) for academic excellence.
- Actively contributed as an **organising member for international conferences (2016 & 2018)** in collaboration with BMTPC and Hindustan Prefab Limited.

Publications

1. **Nanyam, V.P.S.N.**, Dendukuri, L.R. (2025). *Life Cycle Cost Assessment and Value Engineering for Effective Construction Project Outcomes*. In: Bajaj, D. (eds) Handbook of Construction Project Management. Springer, Singapore. https://doi.org/10.1007/978-981-96-7631-6_9
2. Singh, Shivam; **Nanyam, VPS Nihar**; Sinha, Swati; Khan, Mohd Suhail; (2025). *Strategic Approaches for Successful Pre-Cast Construction Implementation in India*. In: Anil Kashyap et al.,(eds) Advances in Construction, Real Estate, Infrastructure and Project Management. (2025). Taylor and Francis Group London, United Kingdom: CRC Press. DOI: [10.1201/9781003669814-8](https://doi.org/10.1201/9781003669814-8)



3. **Nanyam, V. P. S. N.** and Jha K.N. (2023). *Modeling challenges affecting the performance of major ports of India*. Asian Journal of Shipping and Logistics, 39(3), 26-38.
<https://doi.org/10.1016/j.ajsl.2023.06.002>
4. **Nanyam, V. P. S. N.** and Jha K.N. (2022). *Operational performance model for Indian container terminals using Qualitative Comparative Analysis*. Asian Journal of Shipping and Logistics, 37(1), 61–72. <https://doi.org/10.1016/j.ajsl.2020.07.002>
5. **Nanyam, V. N.** and Jha, K. N. (2022) *Conceptual Model for the Operational Performance of the Container Terminals in India*, ASCE Journal of Waterway, Port, Coastal, and Ocean Engineering, 148(4), p. 13. doi: 10.1061/(ASCE)WW.1943-5460.0000715,
<https://ascelibrary.org/doi/abs/10.1061/%28ASCE%29WW.1943-5460.0000715>
6. Patel D., **Nanyam V.P.S.N.** (2022) *Benefits of BIM in Reducing Errors in Indian Construction Projects*. In: Laishram B., Tawalare A. (eds) Recent Advancements in Civil Engineering. Lecture Notes in Civil Engineering, vol 172. Springer, Singapore. https://doi.org/10.1007/978-981-16-4396-5_3
7. Reddy B.C., **Nanyam V.P.S.N.**, Haldankar M. (2022) *The Role of a Quantity Surveyor Throughout the Lifecycle of a Construction Project*. In: Laishram B., Tawalare A. (eds) Recent Advancements in Civil Engineering. Lecture Notes in Civil Engineering, vol 172. Springer, Singapore. https://doi.org/10.1007/978-981-16-4396-5_5
8. Akshayah N.K.R., **Nanyam V.P.S.N.** (2022) *COVID-19: Claims and Dispute Management in Construction*. In: Laishram B., Tawalare A. (eds) Recent Advancements in Civil Engineering. Lecture Notes in Civil Engineering, vol 172. Springer, Singapore. https://doi.org/10.1007/978-981-16-4396-5_9
9. Iyer, K. C., & **Nanyam, V. P. S. N.** (2021). *Concentration analysis of container terminals in India*. Maritime Transport Research, 2(August), 100037.
<https://doi.org/10.1016/j.martra.2021.100037>
10. Iyer, K. C., & **Nanyam, V. P. S. N.** (2021). *Technical efficiency analysis of container terminals in India*. Asian Journal of Shipping and Logistics, 37(1), 61–72.
<https://doi.org/10.1016/j.ajsl.2020.07.002>
11. Iyer, K.C., **Nanyam, V.P.S.N** (2021). *A Grounded Theory Approach in the Identification of Enabling and Inhibiting Factors Affecting the Performance of Container Terminals*. Transp. in Dev. Econ. 7, 24. <https://doi.org/10.1007/s40890-021-00133-4>
12. Makkena, T. K., & **Nanyam, V. P. S. N.** (2021). *Extended Reality in Quantity Surveying*. Journal of Construction Research, 02(01), 16–29.
<https://doi.org/https://doi.org/10.30564/jcr.v3i1.3206>



13. Brijesh Patel, **VPS Nihar Nanyam** (2018), *Multi-Dimensional Analysis of Curing Techniques in Indian Construction Projects*, International Journal of Construction Engineering and Management, 2018; 7(5): 169-177, doi:10.5923/j.ijcem.20180705.01, p-ISSN: 2326-1080 e-ISSN: 2326-1102
14. **VPS Nihar Nanyam**, Riddha Basu, Anil Sawhney, Harsh Vikram, Gourav Lodha (2017), *Implementation of Precast Technology in India—Opportunities and Challenges*, , Procedia Engineering (Elsevier), Volume 196, 2017, pp. 144-151 & part of Proceedings of Creative Construction Conference 2017, 19-22 June 2017, Primosten, Croatia, ISSN 1877-7058, <https://doi.org/10.1016/j.proeng.2017.07.184> .
(<http://www.sciencedirect.com/science/article/pii/S1877705817330436>)
15. **VPS Nihar Nanyam**, Anil Sawhney, Prateek Gupta (2017), *Evaluating Offsite Technologies for Affordable Housing*, Procedia Engineering (Elsevier), Volume 196, 2017, pp. 135-143 & part of Proceedings of Creative Construction Conference 2017, 19-22 June 2017, Primosten, Croatia, ISSN 1877-7058, <https://doi.org/10.1016/j.proeng.2017.07.183> .
(<http://www.sciencedirect.com/science/article/pii/S1877705817330424>)
16. Riddha Basu, **VPS Nihar Nanyam**, Anil Sawhney (2017), *A multidimensional subcontractor evaluation framework for non-conventional housing systems*, Procedia Engineering (Elsevier), Volume 196, 2017, pp. 253-261 & part of Proceedings of Creative Construction Conference 2017, 19-22 June 2017, Primosten, Croatia, ISSN 1877-7058, <https://doi.org/10.1016/j.proeng.2017.07.197>
(<http://www.sciencedirect.com/science/article/pii/S1877705817330564>)
17. Taqdees Anjum, Poorvesh Dongre, Fozail Misbah, **VPS Nihar Nanyam** (2017), *Purview of 3DP in the Indian Built Environment Sector*, Procedia Engineering (Elsevier), Volume 196, 2017, pp. 228-235 & part of Proceedings of Creative Construction Conference 2017, 19-22 June 2017, Primosten, Croatia, ISSN 1877-7058, <https://doi.org/10.1016/j.proeng.2017.07.194>
(<http://www.sciencedirect.com/science/article/pii/S1877705817330539>)
18. **VPS Nihar Nanyam**, Anil Sawhney, Chandrasekhar Pateel, (2016), Framework for estimation of profitability for high rise residential projects, AUBEA 40th Australasian Universities Building Education Association Conference, Cairns, 6-8th July, 2016, pp.122-134.
19. Gaurav, Abhishek. & **VPS Nihar, Nanyam**. (2016) 'Review of Delay Analysis Techniques in Construction Projects', PMI Research and Academic Conference 2016, Delhi, 2-4 March 2017
20. **VPS Nihar Nanyam**, Sawhney, A., Iyer K.C, (2015). Workflow Based Schedule Optimization of Multistory Housing Projects in India, PMI Research and Academic Conference 2015, Mumbai, 13-15 Feb' 2015. pp. 91-95.
21. **VPS Nihar Nanyam**, Riddha Basu, Anil Sawhney, J K Prasad (2015). Multi-attributes evaluation methodology for emerging housing technologies, Creative Construction Conference 2015, Poland, 21-24 June 2015, pp 121-127



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22. **VPS Nihar Nanyam**, Riddha Basu, Anil Sawhney, J K Prasad (2015). Selection Framework for Evaluating Housing Technologies, *Procedia Engineering*, Volume 123, 2015, pp. 333-341, ISSN 1877-7058, <https://doi.org/10.1016/j.proeng.2015.10.044>.
(<http://www.sciencedirect.com/science/article/pii/S1877705815031380>)