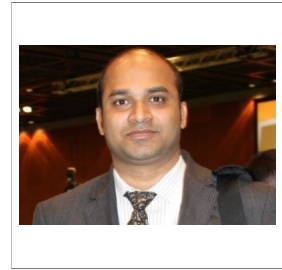




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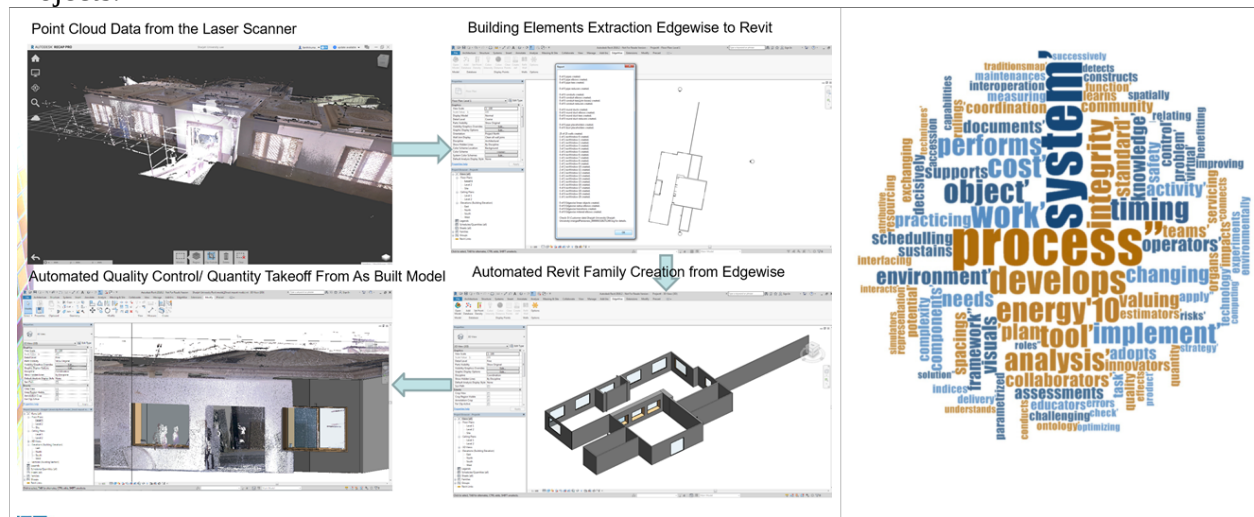


Research Interests

- Automation in Construction
- Planning Design Phases and Process Management
- Lean Construction
- Policy Making in Infrastructure Projects

Brief Summary of Research

Conducts research in the area of Construction Engineering and Management broadly. Specific research focus includes the BIM implementation and policy intervention in AEC projects, Automated reality capture and monitoring using LiDAR techniques. Design Management in Infrastructure Projects, Lean Construction and Policy Making in Infrastructure Developmental Projects.



Projects

- Automated Quantity Take-off Using LiDAR and BIM

Recent Publications

- Adeyemi Akintola, **Senthilkumar Venkatachalam**, David Root (2019), Understanding BIM's impact on professional work practices using activity theory, in Construction Management and Economics, 37(3), DOI 10.1080/01446193.2018.1559338 (2019)
- **Senthilkumar Venkatachalam**, Marshall, A., Ojiako, U. and Chanshi, C. (2019), "Organisational learning in small and medium sized South African energy project organisations", Management Research Review, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/MRR-02-2019-0068>
- Hadif Hussain Al Suwaidi, **Senthilkumar Venkatachalam** (2019), Process Reengineering Using Activity Theory and Domain Mapping Matrix Method in Delivering Public Construction Projects, Creative Construction Conference 2019, 29 June - 02 July 2019 Budapest, Hungary.
- Rami Al-Ruzouq, **Senthilkumar Venkatachalam**, Abdelrahman Abduelads, Saleh Abu Dabous (2018), Geomatics for Economic Archaeological Documentation and Management (2018), in Applied Geomatics, 10(4), DOI: 10.1007/s12518-018-0227-1