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Topic of Research: Strategies of Minimization of Delay and Cost Overrun in
Construction Projects in Delhi

Findings

The ten key findings from my Ph.D. thesis entitled "*Strategies of Minimization of Delay and Cost Overrun in Construction Projects in Delhi*" are as follows.

1. Delay and cost overrun are pervasive in Delhi's infrastructure projects, with many projects not meeting their original timelines and budgets.
2. Government-funded construction projects in Delhi face chronic management and execution issues, particularly in the public sector, leading to inefficiencies.
3. Time and cost overruns are primarily due to poor planning, lack of coordination, delays in decision-making, and bureaucratic hurdles in project execution.
4. Technical, administrative, and external factors (such as legal issues and environmental clearances) significantly contribute to delays and cost escalations.
5. Case studies of infrastructure projects in Delhi reveal that even flagship projects have suffered substantial delays, indicating systemic weaknesses.
6. Stakeholder interviews and field surveys identified deficiencies in risk management practices, with limited use of modern project management tools.
7. There is a lack of accountability and transparency in project governance, which allows avoidable delays and cost increases to go unchecked.
8. Contract management and execution monitoring mechanisms are weak, leading to lapses in timely intervention and corrective action.
9. Strategic interventions including adoption of digital project management tools, enhanced training, and stricter accountability frameworks to minimize delays and cost overruns have been proposed in the thesis
10. A comprehensive model has been developed to assess project risk factors and suggest preventive actions, tailored for Delhi's unique administrative and infrastructural environment.