



SULAKSHYA GAUR

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Personal Statement- Motivated professional and researcher striving to inspire students to pursue academic and personal excellence. Aim to create a challenging and engaging learning environment that can fulfil the aspirations of the students to become successful in their chosen field. Passionate about the research in the field of construction management with a specific focus on the management of megaprojects, stakeholder management, and building information modeling (BIM).

Journal Publications (SCI/SCOPUS)- 3 Conference (SCOPUS)- 4 Citations- 18 H-index- 2

EDUCATION

Ph.D.: Construction Technology and Management (Thesis Submitted)		
July 2019- June 2023	<i>Visvesvaraya National Institute of Technology – Nagpur, Maharashtra, India.</i>	Duration- 4 Years
	Thesis Title- <i>Performance Index Model to Evaluate Stakeholder Management on Mega Construction Projects Using BIM.</i>	
M.Tech: Construction Technology and Management		
July 2016- June 2018	<i>National Institute of Technical Teachers Training and Research – Bhopal, Madhya Pradesh, India.</i>	CGPA- 8.31
	Thesis Title- <i>Implementing Six Sigma Principles to Improve the Quality of Internal Finishing Works in Residential Buildings</i>	Duration- 2 Years
B. Tech: Civil Engineering		
July 2012- June 2016	<i>Jaypee University of Information Technology - Solan, Himachal Pradesh, India.</i>	CGPA- 8.0
	Project Title- <i>Design of Multilevel Car Parking Facility at Jaypee University of Information Technology</i>	Duration- 4 Years

WORK EXPERIENCE

August 2018- June 2019	Assistant Professor <i>Sagar Institute of Research & Technology-Excellence, Bhopal</i>	Duration- 11 Months
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PUBLICATIONS

Journal Publications:

- Gaur, S., & Tawalare, A. (2023). Development of a Performance Index Model for Evaluation of BIM-Based Stakeholder Management Using Fuzzy Synthetic Evaluation. *Buildings*, 13(6), 1441. MDPI AG. **(SCI Indexed)**
- Gaur, S., Dosapati, S., & Tawalare, A. (2023). Stakeholder assessment in construction projects using a CRITIC-TOPSIS approach. *Built Environment Project and Asset Management*, 13(2), 217-237. **(ESCI & SCOPUS Indexed)**
- Gaur, S., & Tawalare, A. (2022). Investigating the role of BIM in stakeholder management: Evidence from a metro-rail project. *Journal of Management in Engineering*, 38(1), 05021013. **(SCI Indexed-ASCE)**

Conference:

- Gaur, S. and Tawalare, A. (2022). Establishing the role of BIM towards mitigating critical project risks assessed using a fuzzy inference system. In: Sandanayake, Y.G., Gunatilake, S. and Waidyasekara, K.G.A.S. (eds). Proceedings of the 10th World Construction Symposium, 24-26 June 2022, Sri Lanka. **(SCOPUS Indexed)**
- Gaur, S. & Tawalare, A. (2022). Key challenges and initiatives undertaken to facilitate BIM adoption in the project: A case of two metro-rail projects. In Novel Research Trends in Civil Engineering. AIP Conference Proceedings (In Press). **(WOS Indexed)**
- Sreekar, A. S., Gaur, S., & Tawalare, A. (2022). Assessing the Effect of Audit Compliance, Conflict Management and Bureaucratic Attitude on the Success of Public Projects. In Recent Advancements in Civil Engineering (pp. 65-73). Springer, Singapore. **(SCOPUS Indexed)**
- Umberje, A., Gaur, S., & Tawalare, A. (2022). Assessing the Critical Success Factors for PWD Projects in Rural Area. In Recent Advancements in Civil Engineering (pp. 153-164). Springer, Singapore. **(SCOPUS Indexed)**
- Gaur, S., & Tawalare, A. (2021, May). Challenges and Benefits of BIM Adoption in a Metrorail Project. In International Conference on Structural Engineering and Construction Management (pp. 667-675). Springer, Cham. **(SCOPUS Indexed)**

AWARD

June 2022, Best Paper Award by Built Environment Project and Asset Management during 10th World Construction Symposium at Sri Lanka.

WORKSHPS, TRAININGS, & CONFERENCES

Workshops and Training program:

- Attended One-week Faculty Development Program on Advances in Concrete Technology and Construction Management organized by the Department of Civil Engineering, National Institute of Technology, Warangal from 22-26 August 2022.
 - Attended One-week Faculty Development Program on Mathematical Foundations for Data Science” conducted by the Department of Computer Science and Engineering & Department of Mathematics, National Institute of Technology, Warangal from 11-15 March 2022.
 - Attended the QIP Sponsored short term course on "Component of Research Process in Engineering" organized by IIIT Nagpur from 20-25 February 2022.
 - Attended online course of "Advanced Concrete Technology" organized by Indian Concrete Institute-Kochi Centre in association with DH Academy from 15 September to 25 October, 2021.
 - Attended five days National level online Workshop on "Software in Mathematics and Statistics” (WSMS – 2021) organized by the Department of Mathematics, National Institute of Technology Tiruchirappalli from 02 – 06 August 2021.
 - Attended an online short-term course on "Data Analytics and Predictive Technologies" organized by I-DAPT Hub Foundation, IIT (BHU), Varanasi from 05-10 July 2021.
 - Attended an online program on "Data Analysis using R" organized by NIELIT Calicut from 20-26 July 2021.
 - Attended the six day online short-term training programme on “Applied Statistics for Engineers and Researchers” organized by Civil Engineering Department, Visvesvaraya National Institute of Technology, Nagpur from 10th-15th August 2020.
 - Attended One Week Training Program on ‘Industry Institute Partnership' Organized by National Institute of Technical Teachers Training and Research, Bhopal from 24-28 April 2018.
 - Attended a One Week Training Program on ‘Enhancing Employability Skills' organized by National Institute of Technical Teachers Training and Research, Bhopal from 09-13 April 2018.
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- Attended a 3 Day Training Program on 'Application of Primavera Software' organized by National Institute of Technical Teachers Training and Research, Bhopal from 28-30 April 2018.

Conferences:

- Attended and presented a paper titled "Establishing the role of BIM towards mitigating critical project risks assessed using a fuzzy inference system" during the 10th World Construction Symposium organized by Ceylon Institute of Builders (CIOB) and Building Economics and Management Research Unit (BEMRU), Department of Building Economics, University of Moratuwa, Sri Lanka from 24-26 June 2022.
- Attended and presented a paper titled "Key challenges and initiatives undertaken to facilitate BIM adoption in the project: A case of two metro-rail projects" at Novel Research Trends in Civil Engineering, organized by Christ University, Bengaluru during 17-18 March 2022.
- Attended and served as a member of organizing team of the International Conference on Advances in Civil Engineering (ACE 2020) organized by VNIT Nagpur from 5-7 November 2020.
- Attended and presented a paper titled "A comprehensive study of stakeholder salience attributes for successful execution of megaprojects" during the 8th International Megaprojects Workshop: Theory Meets Practice at IIT Madras on 29-30 October 2020.
- Attended and presented a paper titled "Implementing principles of six sigma for improving quality of finishing works in buildings" at the 5th International Conference on Advances in Engineering, Pharmaceutical, and Applied Sciences, organized by Sagar Institute of Research and Technology, Bhopal from 21-23 February 2019.

REFERENCES

Name	Designation and Institute	Contact Information
Dr. Abhay Tawalare	Assistant Professor <i>Visvesvaraya National Institute of Technology, Nagpur.</i>	Email- abhaytawalare@civ.vnit.ac.in. Phone- +91-9422855888.
Prof. M. C. Paliwal	Associate Professor <i>National Institute of Technical Teachers Training and Research Bhopal.</i>	Email- mcpaliwal@nitttrbpl.ac.in Phone- +91-9407271980
Dr. Bikram Prasad	Associate Professor <i>BIST Bhopal</i>	Email- bikram2010@gmail.com Phone- +91-9826582688



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