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PROFILE

Profile Summary (in bullets)

RESEARCH INTEREST:

- Construction Delays
- Green Building Ratings
- Sustainable Construction using Digital Project Management

SUMMARY OF RESEARCH ACCOMPLISHMENT:

- Integration of GRIHA principles with Vastu Shastra
- Role of Circular Economy in Demolition Waste Management
- Role of CSR in attainable Sustainable Development Goals
- Barriers in implementing Industry 4.0 practices

PROFESSIONAL MEMBERSHIP:

- Indian Green Building Council (IGBC)

COURSE TAUGHT:

- Climate change impacts in Civil Engineering Projects
- Construction Methods & Equipment Management
- Organization & Legislation in Construction
- Air Pollution Control
- Sustainable Construction Techniques

ADMINISTRATIVE/DEPARTMENTAL RESPONSIBILITY

- Departmental PG Program Coordinator
- M-Tech (C.T.M) Course Coordinator
- Member of Backdrop Standby and Design Committee (Administrative)
- Departmental Admission Outreach Activity Coordinator

STUDENTS SUPERVISION

- Assessing the Impact of Drones on Construction Site Monitoring and Management (Ongoing)
- Investigating the Role of Construction Management in Heritage Conservation (Ongoing)
- The Role of Circular Economy Principles in Sustainable Construction Practices (Ongoing)
- Integration of Building Information Modeling (BIM) and Internet of Things (IoT) for Smart Construction Management (Ongoing)
- Understanding the relevance and impact of the cost of quality in the construction industry: a systematic literature review using PRISMA (Ongoing)

PUBLISHED NON-SCI-SCOPUS BUT PEER REVIEWED RESEARCH PAPERS

- Evaluation of Constraints for implementing Industry 4.0 practices in Construction Projects, © April 2022 | IJIRT | Volume 8 Issue 11 | ISSN: 2349-6002, International Journal of Innovative Research in Technology

BOOK EDITED/ AUTHORED

- Analysis of delays in Indian Real Estate Construction Projects (2017)
- Rethinking Construction Management Practices to Attain Sustainable Development Goals (2023)

BOOK CHAPTERS

- Arichandran. R, Mohd Asim, & Syed Aqeel Ahmad. (2023). Barriers and Opportunities in Administering Offsite Construction in Latest Construction Projects of Lucknow (UP). In Barriers and Opportunities in Administering Offsite Construction in Latest Construction Projects of Lucknow (UP) (pp. 513–534). MKSES Publication Lucknow. <https://doi.org/10.5281/zenodo.10363183>
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