Report on Site Visit to MI Gordon Construction Site, Gomti Nagar Extension, Lucknow on 13th April 2026

The Department of Civil Engineering organized a site visit to the MI Garden Construction Site located in Gomti Nagar Extension near Ekana Stadium, Lucknow, on 13th April 2026. The site, featuring a 26-floor under-construction residential building {(G+23) with 2 basements (B2)}, provided students with an excellent opportunity to observe modern high-rise construction practices in a real-world setting. The primary objective of the visit was to offer practical exposure to multi-storey construction and to bridge the gap between theoretical knowledge and field applications.

The visit was coordinated by Mr. Mohd Kashif Khan, Associate Professor, and accompanied by Mr. Faraz Hasan Qadri, Assistant Professor, and Dr. Ahmad Rashiq, Assistant Professor. It was further supported by Mr. Mohd Yaqoob and Mr. Raja Verma, Lab Instructors, ensuring smooth coordination and effective learning throughout the programme. A total of 48 students from the department of civil engineering visited the project site.

Students and faculty coordinators assemble at the site along with Mr. Ranjeet Yadav, Project Manager

The MI Garden project forms part of the rapidly developing residential infrastructure in Gomti Nagar Extension, one of the key urban expansion zones of Lucknow. The project reflects contemporary housing trends characterized by vertical development, efficient land utilization, and the adoption of advanced construction technologies.

The 26-storey structure under construction highlights the growing demand for high-rise residential developments driven by urbanization and increasing population, emphasizing the importance of sustainable and well-planned urban growth.

During the visit, students were exposed to a wide range of technical aspects of construction. They studied various project drawings, including site layout plans, architectural drawings, and structural drawings, which were clearly explained by Mr. Yadav, Project Manager. He provided detailed insights into foundation systems suitable for high-rise buildings and explained load transfer mechanisms in tall structures. Mr. Yadav also

Project Manager explaining the details and technical aspect of the project

demonstrated reinforcement detailing, shuttering techniques, and the construction of critical structural components such as columns and shear walls. Special emphasis was placed on construction safety practices, including the proper use of personal protective equipment (PPE), safe scaffolding, and effective on-site hazard management.

Addressing students' queries

In addition, the students were introduced to essential building services and construction details. These included waterproofing techniques for sunken floors and basement retaining walls, as well as provisions for plumbing, fire fighting systems, water supply, and sewage treatment. The discussion also covered the installation of pumps, tanks, and other service-related infrastructure, providing students with a holistic understanding of integrated building systems in high-rise construction.

The interaction with industry professionals was one of the most valuable aspects of the visit. Mr. Yadav shared their practical experiences and offered detailed insights into project planning, scheduling, quality control, and coordination among various teams. They also discussed real-time challenges encountered during project execution and the strategies adopted to address them. This interaction significantly enhanced students' understanding of construction engineering and management practices, while highlighting the importance of efficient planning and coordination in large-scale projects.

Conclusion of site visit with thanksgiving to Mr. Yadav

Overall, the field visit proved to be highly beneficial for the students. It enriched their understanding of real-world engineering applications, provided hands-on exposure to construction methodologies, and strengthened their awareness of safety standards and professional responsibilities. Such experiential learning opportunities are crucial in developing technical competence and preparing students for careers in the construction industry. The site visit was concluded with the thanks to the officials at the site.

In conclusion, the field visit to the MI Garden Construction Site was a successful and enriching academic exercise. It effectively integrated theoretical concepts with practical exposure, thereby strengthening students' knowledge of high-rise construction and project

management. The Department of Civil Engineering remains committed to organizing similar initiatives in the future to promote experiential learning and foster strong industry–academia collaboration.

SDG Mapping

This activity is mapped with the following Sustainable Development Goals (SDGs):

- **SDG 4 – Quality Education:** The programme promoted experiential learning by enabling students to observe real-time construction activities and interact with industry professionals. It enhanced their practical knowledge, critical thinking, and ability to relate theoretical concepts to real-world applications.
- **SDG 8 – Decent Work and Economic Growth:** Through direct interaction with professionals, students gained insights into construction sector operations, career opportunities, and the skills required in the industry. The visit also highlighted the contribution of the construction sector to economic growth and employment generation.
- **SDG 9 – Industry, Innovation and Infrastructure:** The field visit provided exposure to modern construction techniques, innovative technologies, and infrastructure development practices associated with high-rise buildings. It emphasized the importance of efficient design, advanced equipment, and systematic execution in developing sustainable and resilient infrastructure.
- **SDG 11 – Sustainable Cities and Communities:** The visit highlighted the role of high-rise residential developments in promoting sustainable urban growth. It demonstrated how vertical construction optimizes land use and contributes to the development of organized, efficient, and resilient urban communities.