

Industrial Visit at Pyramid Infratech, Sector 67A, Gurugram, Haryana.

Department of Civil Engineering, Faculty of Engineering and Technology, Manav Rachna International Institute of Research and Studies (MRIIRS), Faridabad organized a one-day visit to LIG Housing Society at Gurugram, Haryana on September 30, 2021 for the students of B. Tech (Civil Engineering) – 2nd, 3rd and 4th Year. 32 interested students attended the Industrial Visit. An ambitious project of Pyramid Constructions under the Pradhan Mantri Awas Yojna (PMAY) under Ministry of Housing and Urban Affairs, the affordable housing (LIG houses) consists of 12 towers, Aanganwadi and separate commercial place at sector 67A in Gurugram, Haryana. The project uses Mivan Construction method. Mivan Technology, a fast-paced technology that ensures the structure's endurance while also lowering building costs. This technology has the potential to address the country's housing shortage. The finishing is smooth. It is not labor-intensive and there is an economy of scale as well. The formwork could be reused. Mivan formwork can be reused up to 250 times. Given that it is made of concrete, it does not require builders or homeowners to spend much on its maintenance either. Using Mivan construction, the construction, team was able to build 64 houses per week. The project houses a Sewage Water Treatment Plant (STP). The foundation for the same was 24 feet from the ground level. It has the capacity to treat 980 KLD per day. The treated water is used for flushing and irrigation purposes.

