

SUMMARY

This lecture looks into further the role of steel in the market as one of the most important building materials, and also its prime role in modern day structures and architecture, from farm sheds to skyscrapers. Steel in architecture is not relevant only because of its superior advantages over many other metals and materials but also because it most importantly serves as a form of expression for the architect and the building itself. This is discussed in detail. Apart from being an important component in many elements and features of building, steel can play an important role in structural integration systems. From being the reinforcement to being structural element itself, structural steel and its properties are discussed. The types of steel sheeting and an understanding of stainless steel are also discussed