

Step-by-Step Construction of an RCC Building: A Practical Approach

Mr. Satish. P. Deore¹, Seema H. Jadhav², Rajashri J. Mahale³UrvashiR. Gavit⁴Chaitali S. Jadhav⁵

HOD, Department of Civil Engineering¹

Students, Department of Civil Engineering^{2,3,4,5}

Mahavir Polytechnic, Nashik, India

Abstract: *This paper explains the full construction process of an RCC (Reinforced Cement Concrete) building in a step-by-step way. It starts from clearing the site and goes up to the final finishing of the building. The report includes the tools, materials, and safety measures used during the work. The aim is to help civil engineering students understand how buildings are made on real construction sites and how to apply their classroom knowledge in the field. This project provides a basic and practical understanding of RCC construction for beginners..*

Keywords: RCC Building, Step-by-Step Construction, Site Work, Concrete, Foundation, Columns, Slab, Plastering, Field Practice, Civil Engineering

