

## **Industrial Visit at National Council for Cement and Building Materials, Ballabgarh, Faridabad, Haryana**

NCB serves as the nodal agency for providing the Government the necessary support for formulation of its policy and planning activities related to growth and development of cement industry. It is devoted to protect the interests of consumers of cement and concrete in the country. NCB's stakeholders are Government, Industry and Society, who perceive NCB's role as discharging national responsibility, providing adequate technology support and improving the quality of life respectively. At the onset students were given a brief presentation on the role of NCB in the development of quality consciousness of the nation followed by visits to different laboratories. Students took a first-hand experience of different testing methods such as compressive strength, flexural strength, coefficient of linear expansion, modulus of elasticity and poisson's ratio, creep, water permeability, RCPT, accelerated carbonation test, chloride migration tests, sulphate resistance test, deterioration of concrete due to carbonation attack and many more needed in quality checking of cement, concrete and other building materials at NCB. Students were also told about 3D printers compatible for cement-based material/alternate material of similar nature.

